

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040124\
 Data File : VN081646.D
 Acq On : 01 Apr 2024 16:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/02/2024
 Supervised By : Mahesh Dadoda 04/02/2024

Quant Time: Apr 02 01:14:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	342118	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	593969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	538082	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	269970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	225408	51.665	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.320%			
35) Dibromofluoromethane	8.165	113	201488	53.751	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.500%			
50) Toluene-d8	10.565	98	689168	50.859	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.720%			
62) 4-Bromofluorobenzene	12.847	95	250851	52.538	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 105.080%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	183003	39.726	ug/l	93
3) Chloromethane	2.359	50	205071	44.712	ug/l	98
4) Vinyl Chloride	2.518	62	230598	44.799	ug/l	96
5) Bromomethane	2.953	94	171060	46.991	ug/l	97
6) Chloroethane	3.118	64	183241	51.849	ug/l	96
7) Trichlorofluoromethane	3.500	101	392658	51.185	ug/l	96
8) Diethyl Ether	3.965	74	130797	51.519	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.371	101	227269	52.139	ug/l	# 90
10) Methyl Iodide	4.589	142	230641	53.134	ug/l	97
11) Tert butyl alcohol	5.518	59	171414	225.451	ug/l	98
12) 1,1-Dichloroethene	4.342	96	196938	48.777	ug/l	87
13) Acrolein	4.183	56	132389	194.048	ug/l	98
14) Allyl chloride	5.018	41	263691	52.120	ug/l	# 85
15) Acrylonitrile	5.718	53	510532	250.994	ug/l	97
16) Acetone	4.424	43	338954	240.395	ug/l	99
17) Carbon Disulfide	4.712	76	478887	41.332	ug/l	96
18) Methyl Acetate	5.024	43	261339	60.120	ug/l	# 88
19) Methyl tert-butyl Ether	5.794	73	724811	57.361	ug/l	96
20) Methylene Chloride	5.271	84	237592	51.442	ug/l	# 81
21) trans-1,2-Dichloroethene	5.783	96	232215	51.583	ug/l	95
22) Diisopropyl ether	6.671	45	685465	58.310	ug/l	# 94
23) Vinyl Acetate	6.600	43	2494782	266.621	ug/l	# 88
24) 1,1-Dichloroethane	6.565	63	424938	53.970	ug/l	95
25) 2-Butanone	7.483	43	605767	250.480	ug/l	# 86
26) 2,2-Dichloropropane	7.483	77	406154	59.475	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	286641	56.275	ug/l	85
28) Bromochloromethane	7.812	49	156744	48.876	ug/l	# 52
29) Tetrahydrofuran	7.835	42	410661	252.062	ug/l	# 75
30) Chloroform	7.965	83	485068	57.549	ug/l	99
31) Cyclohexane	8.253	56	324138	45.656	ug/l	# 71
32) 1,1,1-Trichloroethane	8.165	97	439737	57.503	ug/l	93
36) 1,1-Dichloropropene	8.371	75	338495	53.658	ug/l	94
37) Ethyl Acetate	7.559	43	258466	47.848	ug/l	96
38) Carbon Tetrachloride	8.359	117	384839	55.689	ug/l	96
39) Methylcyclohexane	9.600	83	367418	52.155	ug/l	# 85
40) Benzene	8.606	78	1008837	54.700	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040124\
 Data File : VN081646.D
 Acq On : 01 Apr 2024 16:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/02/2024
 Supervised By : Mahesh Dadoda 04/02/2024

Quant Time: Apr 02 01:14:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	153087	53.588	ug/l	90
42) 1,2-Dichloroethane	8.671	62	345063	53.164	ug/l	96
43) Isopropyl Acetate	8.688	43	460541	51.434	ug/l #	90
44) Trichloroethene	9.353	130	277694	53.535	ug/l	93
45) 1,2-Dichloropropane	9.624	63	250712	56.091	ug/l	99
46) Dibromomethane	9.706	93	190279	56.057	ug/l #	88
47) Bromodichloromethane	9.888	83	392891	59.201	ug/l #	99
48) Methyl methacrylate	9.677	41	209823	50.805	ug/l #	82
49) 1,4-Dioxane	9.700	88	95014	957.315	ug/l #	67
51) 4-Methyl-2-Pentanone	10.447	43	1384635	253.422	ug/l	91
52) Toluene	10.629	92	643432	54.890	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	400020	55.820	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	431218	56.123	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	259598	55.029	ug/l	94
56) Ethyl methacrylate	10.876	69	356075	50.632	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	430629	55.683	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	821209	276.652	ug/l #	84
59) 2-Hexanone	11.194	43	1012556	250.659	ug/l	90
60) Dibromochloromethane	11.359	129	298562	57.547	ug/l	98
61) 1,2-Dibromoethane	11.471	107	266251	55.358	ug/l	99
64) Tetrachloroethene	11.106	164	284824	55.377	ug/l	93
65) Chlorobenzene	11.894	112	692219	54.419	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	276011	58.545	ug/l	96
67) Ethyl Benzene	11.965	91	1245986	56.390	ug/l	97
68) m/p-Xylenes	12.070	106	972075	117.352	ug/l	93
69) o-Xylene	12.400	106	475754	58.504	ug/l	90
70) Styrene	12.412	104	787636	60.054	ug/l	95
71) Bromoform	12.582	173	192283	54.276	ug/l #	95
73) Isopropylbenzene	12.694	105	1228987	53.405	ug/l	97
74) N-amyl acetate	12.494	43	391348	46.992	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	323601	47.827	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	295234m	45.717	ug/l	
77) Bromobenzene	12.982	156	286782	50.448	ug/l	69
78) n-propylbenzene	13.035	91	1474930	54.272	ug/l	96
79) 2-Chlorotoluene	13.129	91	848652	52.175	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	1036794	54.547	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	118907	49.758	ug/l	96
82) 4-Chlorotoluene	13.223	91	855277	53.334	ug/l	91
83) tert-Butylbenzene	13.441	119	885458	54.023	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	1041125	54.499	ug/l	93
85) sec-Butylbenzene	13.617	105	1301717	55.555	ug/l	94
86) p-Isopropyltoluene	13.729	119	1093709	57.102	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	566787	54.266	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	560447	51.822	ug/l	96
89) n-Butylbenzene	14.059	91	952992	56.111	ug/l	96
90) Hexachloroethane	14.335	117	197869	54.549	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	554118	55.121	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	74346	51.632	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	327878	56.408	ug/l	99
94) Hexachlorobutadiene	15.506	225	130915	51.332	ug/l	96
95) Naphthalene	15.641	128	1065558	56.574	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	317249	54.261	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040124\
Data File : VN081646.D
Acq On : 01 Apr 2024 16:25
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

Quant Time: Apr 02 01:14:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040124\
Data File : VN081646.D
Acq On : 01 Apr 2024 16:25
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024

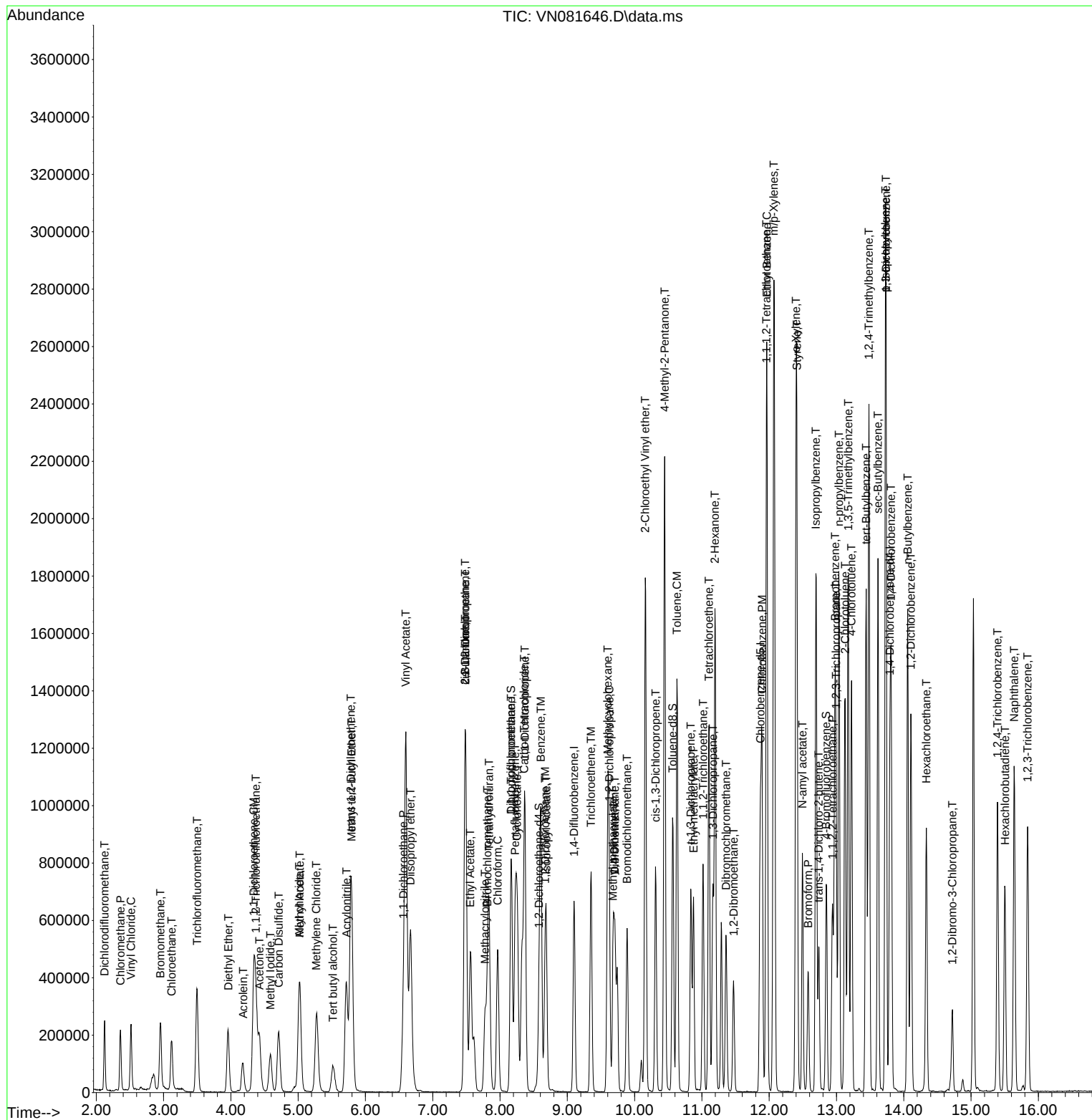
Quant Time: Apr 02 01:14:34 2024

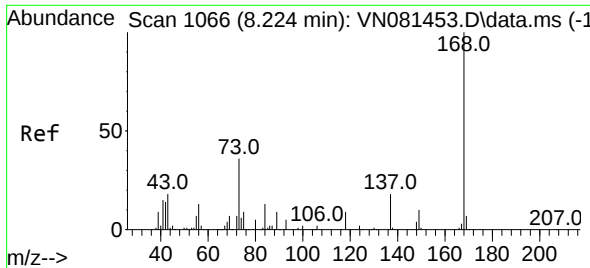
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M

Quant Title : SW846 8260

QLast Update : Tue Mar 19 06:00:00 2024

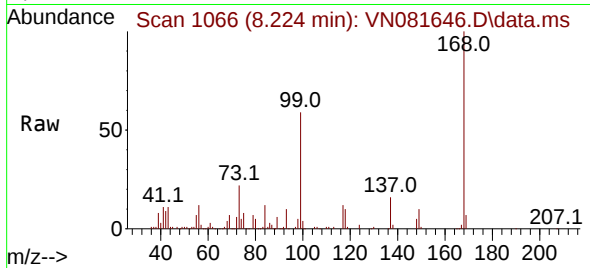
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

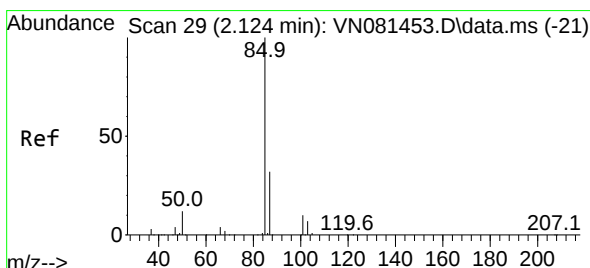
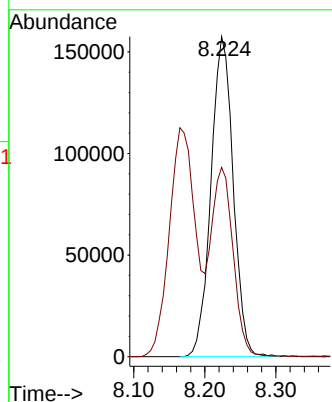
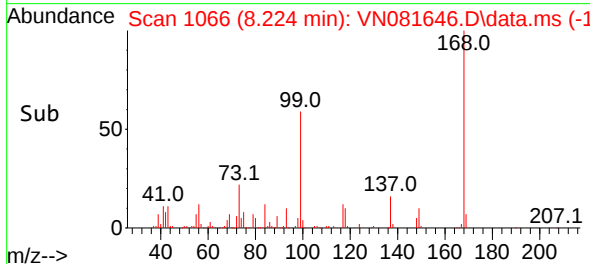
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 342118
Ion Ratio Lower Upper
168 100
99 58.9 59.9 89.9

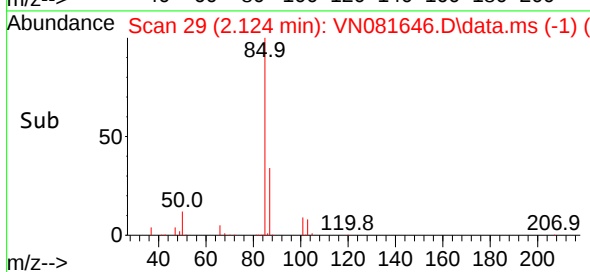
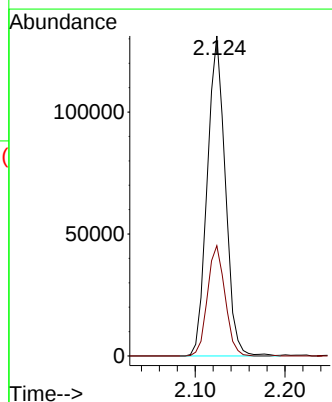
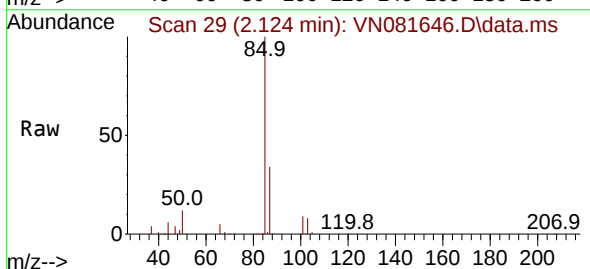
Manual Integrations
APPROVED

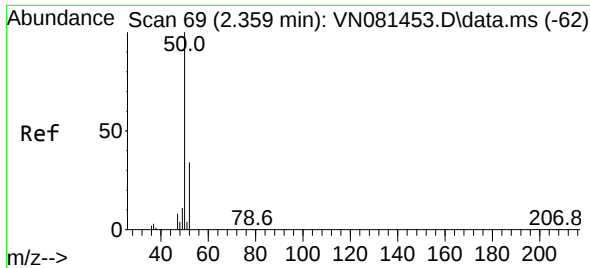
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#2
Dichlorodifluoromethane
Concen: 39.726 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

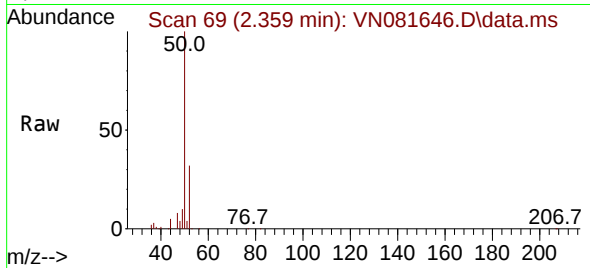
Tgt Ion: 85 Resp: 183003
Ion Ratio Lower Upper
85 100
87 34.4 15.3 45.9





#3
Chloromethane
Concen: 44.712 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

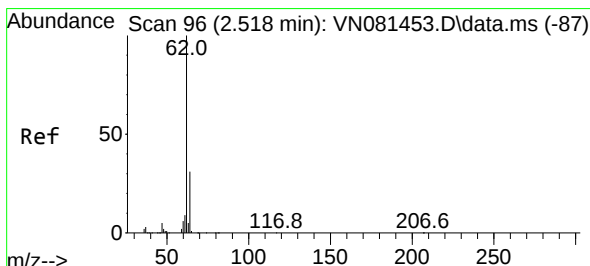
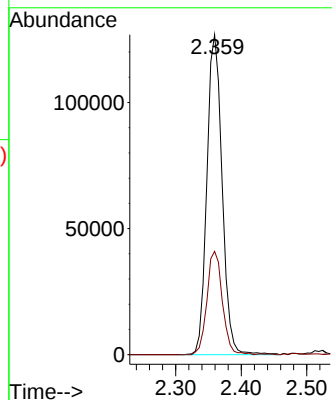
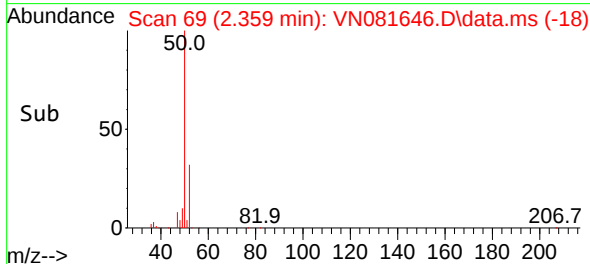
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 20507
Ion Ratio Lower Upper
50 100
52 32.3 25.0 37.4

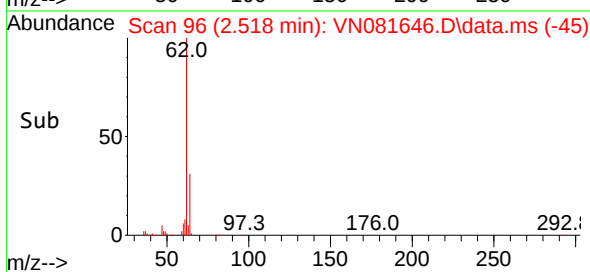
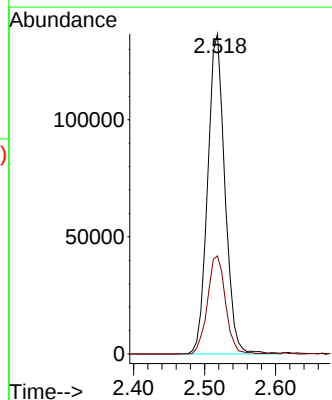
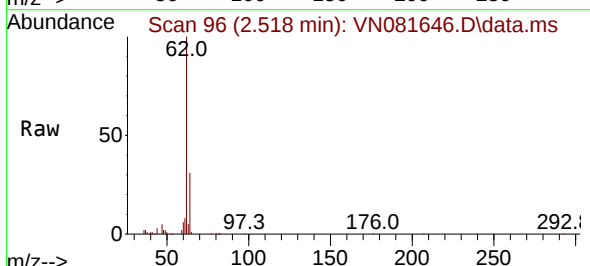
Manual Integrations
APPROVED

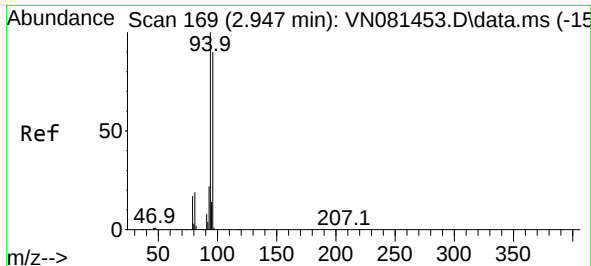
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#4
Vinyl Chloride
Concen: 44.799 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

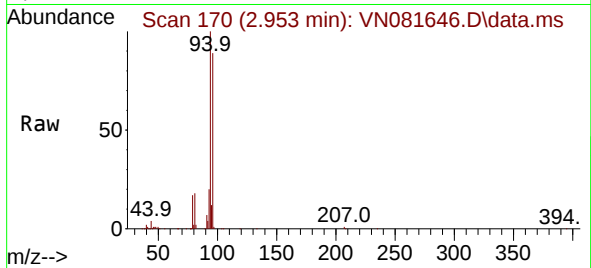
Tgt Ion: 62 Resp: 230598
Ion Ratio Lower Upper
62 100
64 30.7 22.7 34.1





#5
Bromomethane
Concen: 46.991 ug/l
RT: 2.953 min Scan# 170
Delta R.T. 0.006 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

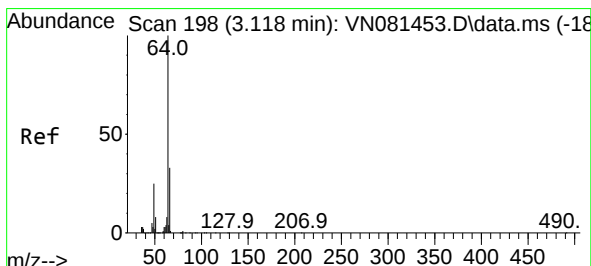
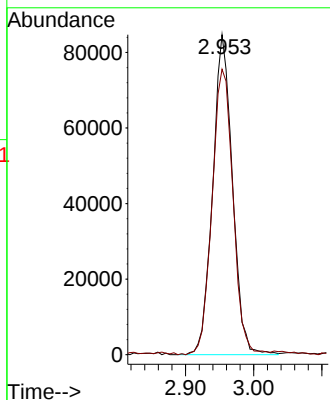
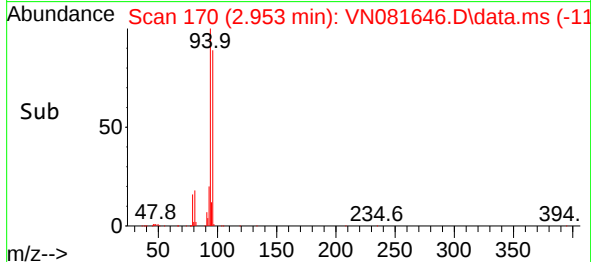
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



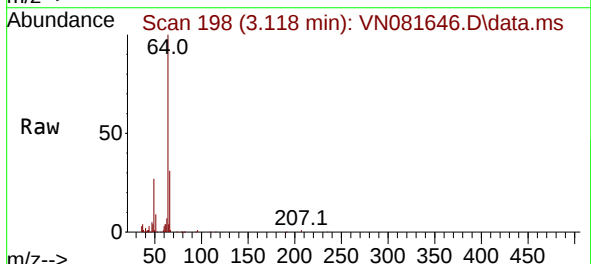
Tgt Ion: 94 Resp: 171060
Ion Ratio Lower Upper
94 100
96 89.2 69.2 103.8

Manual Integrations
APPROVED

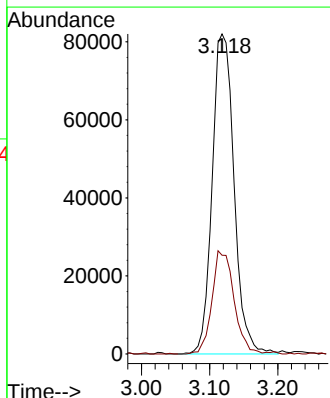
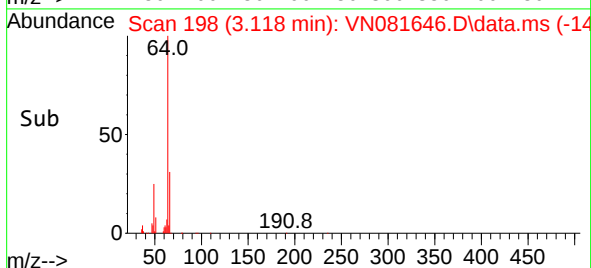
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

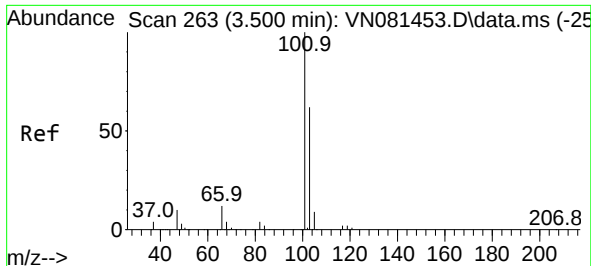


#6
Chloroethane
Concen: 51.849 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25



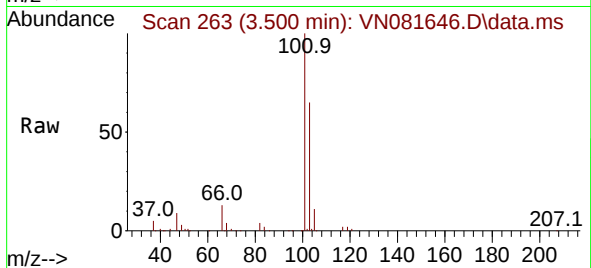
Tgt Ion: 64 Resp: 183241
Ion Ratio Lower Upper
64 100
66 30.8 26.4 39.6





#7
Trichlorofluoromethane
Concen: 51.185 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

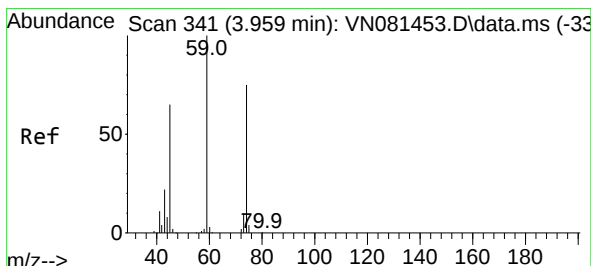
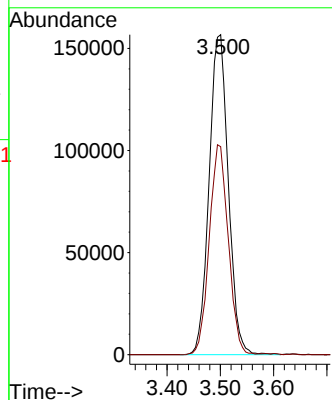
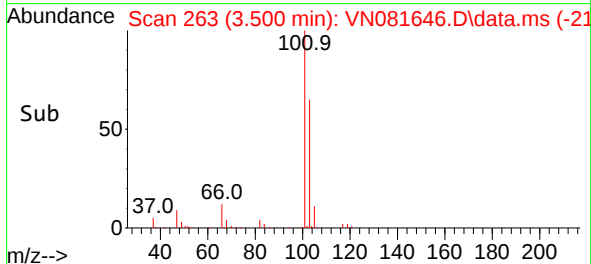
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 392658
Ion Ratio Lower Upper
101 100
103 65.0 54.4 81.6

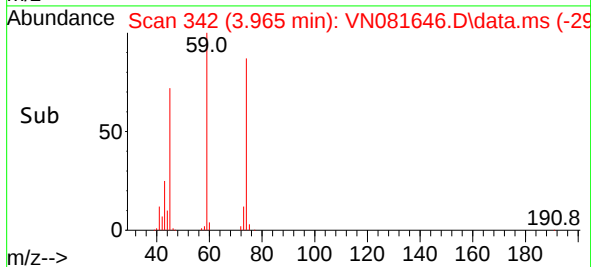
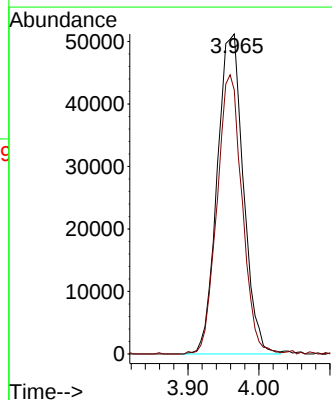
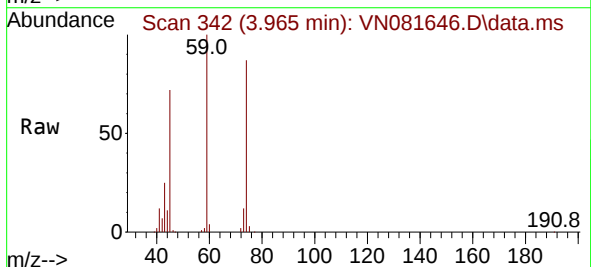
Manual Integrations
APPROVED

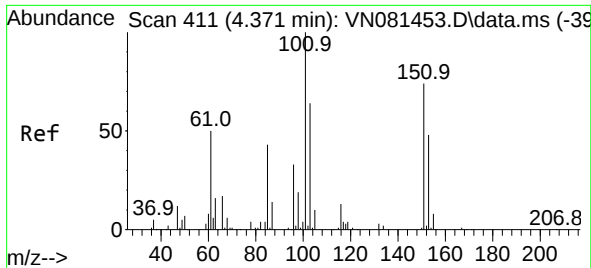
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#8
Diethyl Ether
Concen: 51.519 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

Tgt Ion: 74 Resp: 130797
Ion Ratio Lower Upper
74 100
45 83.7 53.3 159.9





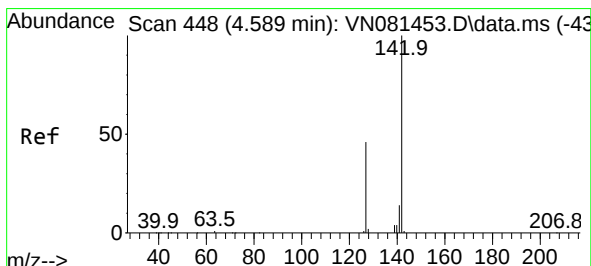
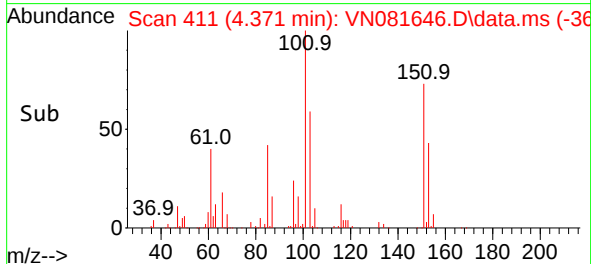
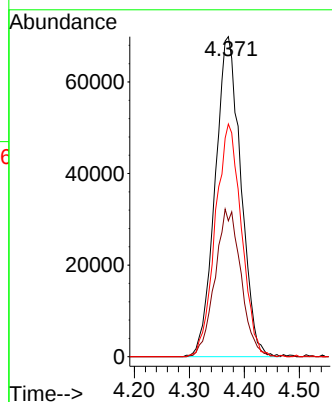
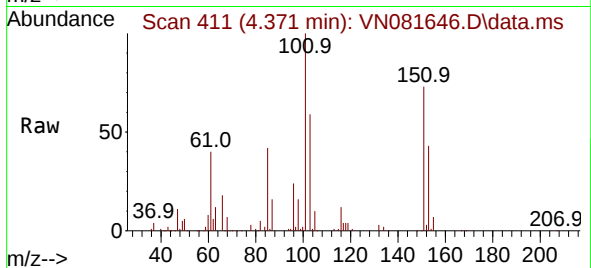
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.139 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 227269
Ion Ratio Lower Upper
101 100
85 46.6 38.1 57.1
151 73.8 49.1 73.7

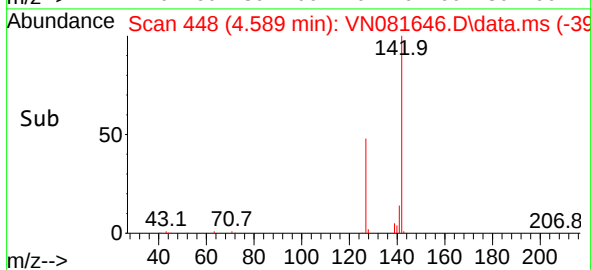
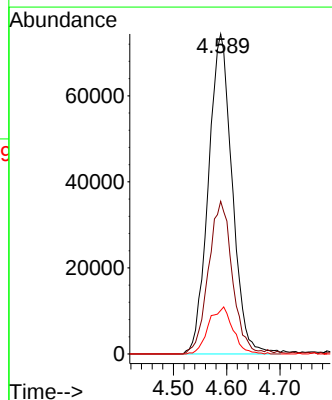
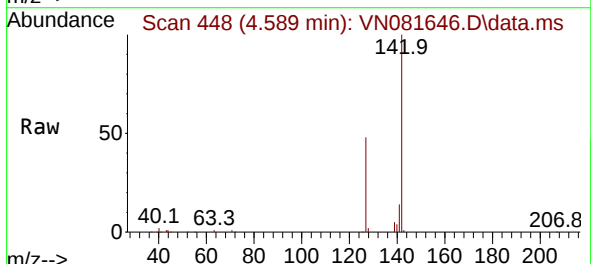
Manual Integrations
APPROVED

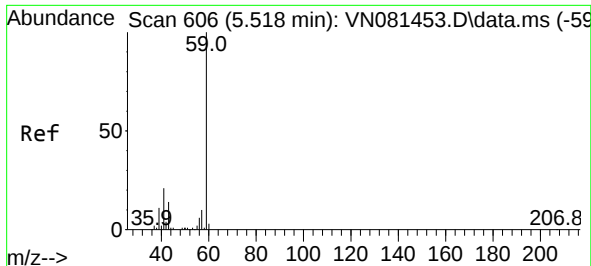
Reviewed By :John Carbone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#10
Methyl Iodide
Concen: 53.134 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

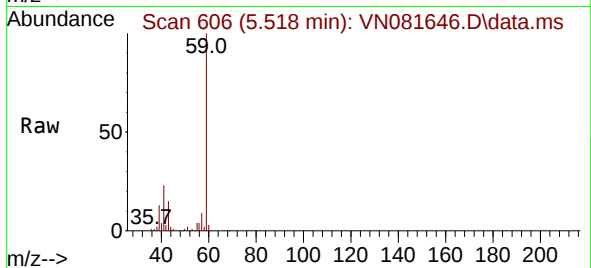
Tgt Ion:142 Resp: 230641
Ion Ratio Lower Upper
142 100
127 47.7 37.0 55.4
141 13.6 12.5 18.7





#11
Tert butyl alcohol
Concen: 225.451 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

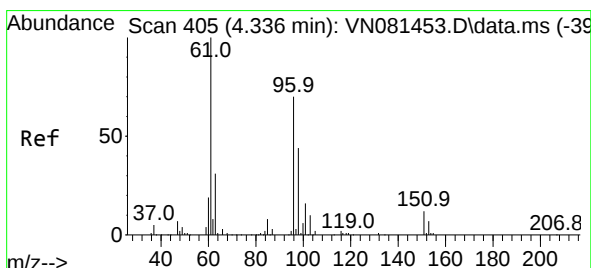
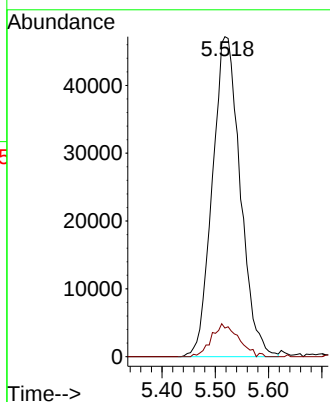
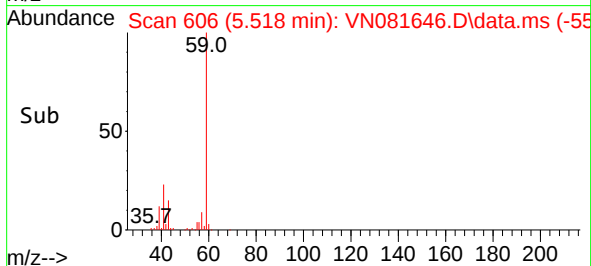
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



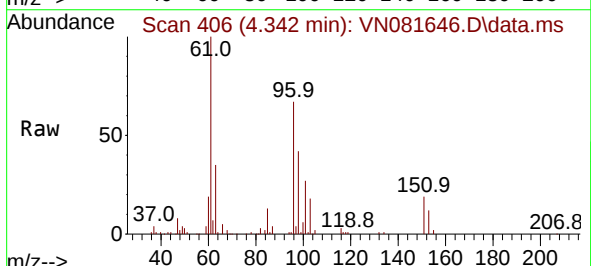
Tgt Ion: 59 Resp: 171414
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8

Manual Integrations
APPROVED

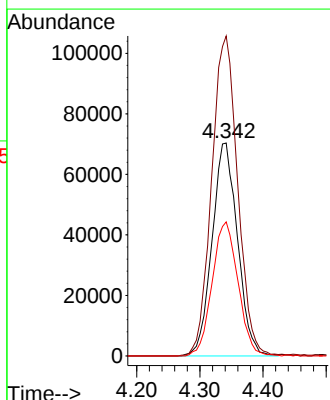
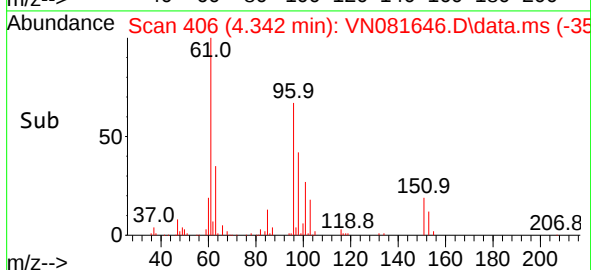
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

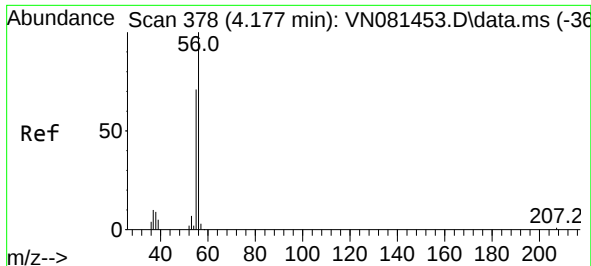


#12
1,1-Dichloroethene
Concen: 48.777 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25



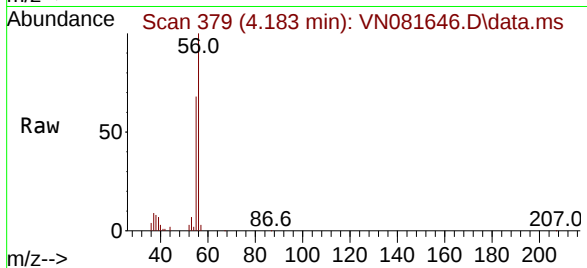
Tgt Ion: 96 Resp: 196938
Ion Ratio Lower Upper
96 100
61 150.3 138.2 207.4
98 63.0 49.2 73.8





#13
Acrolein
Concen: 194.048 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

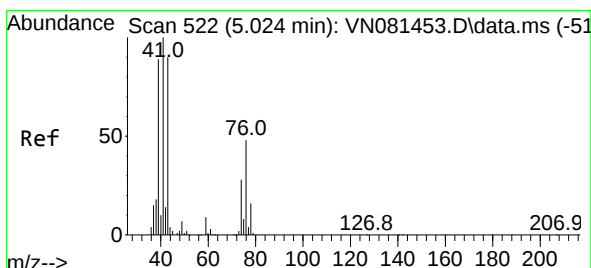
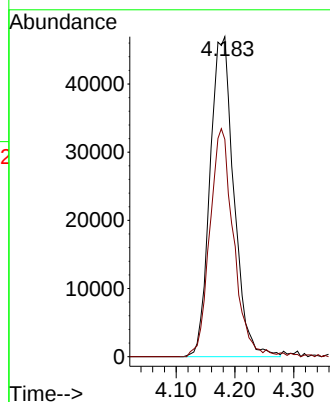
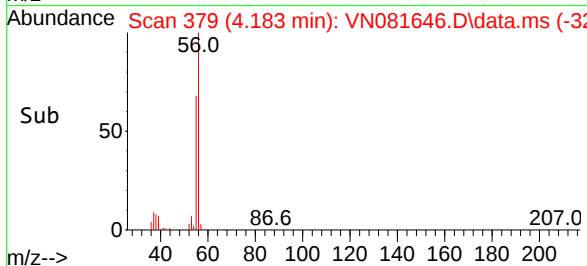
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 132389
Ion Ratio Lower Upper
56 100
55 70.8 55.3 82.9

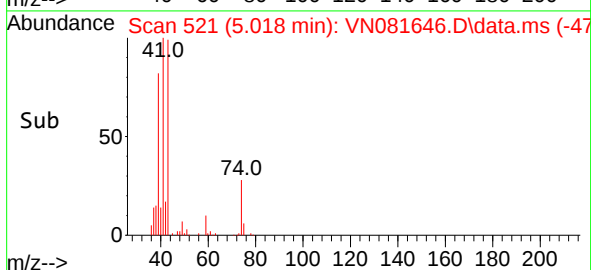
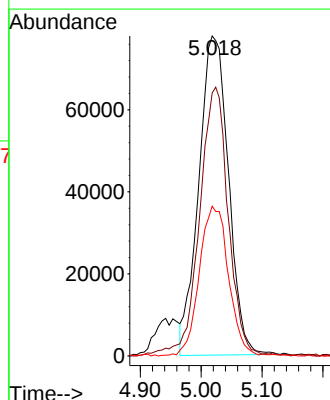
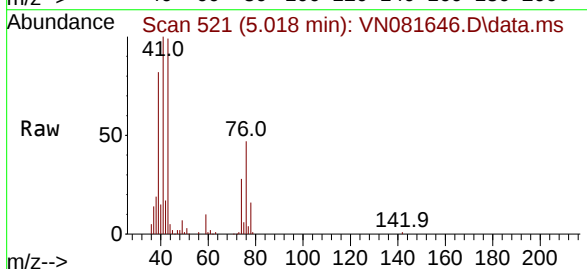
Manual Integrations
APPROVED

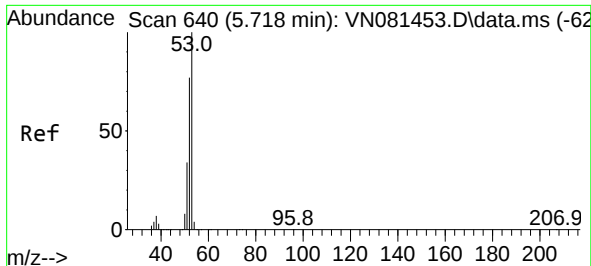
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#14
Allyl chloride
Concen: 52.120 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

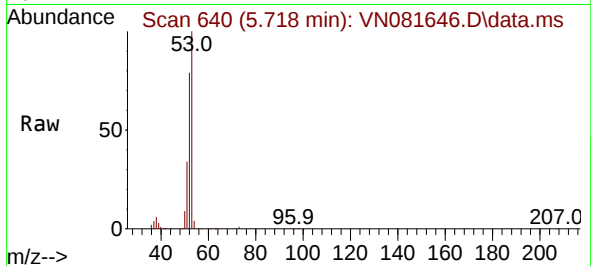
Tgt Ion: 41 Resp: 263691
Ion Ratio Lower Upper
41 100
39 81.6 57.7 86.5
76 46.4 26.8 40.2





#15
Acrylonitrile
Concen: 250.994 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

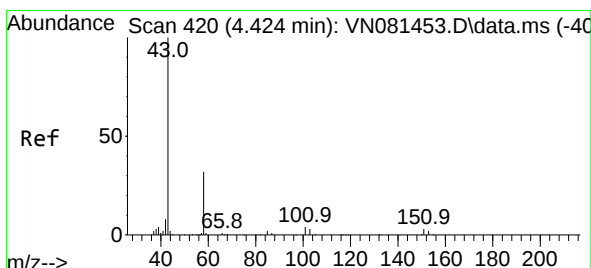
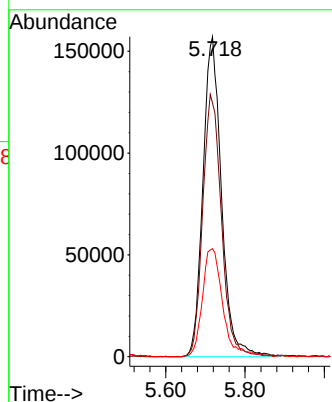
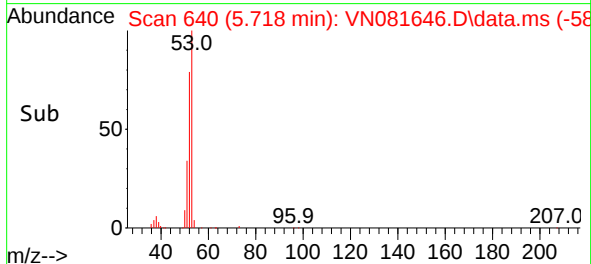
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 51053
Ion Ratio Lower Upper
53 100
52 82.3 64.8 97.2
51 37.0 26.9 40.3

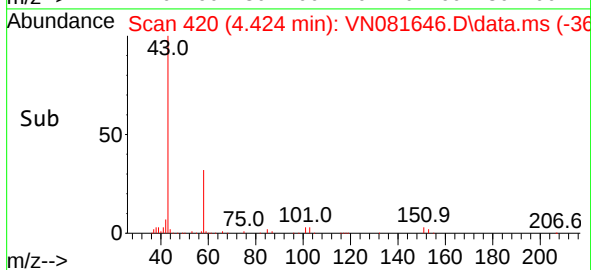
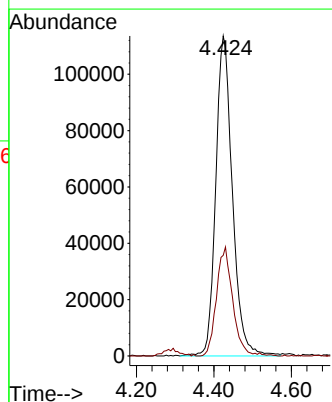
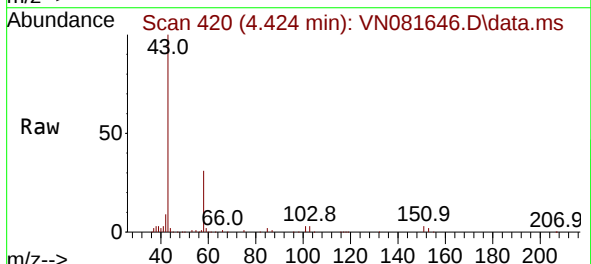
Manual Integrations
APPROVED

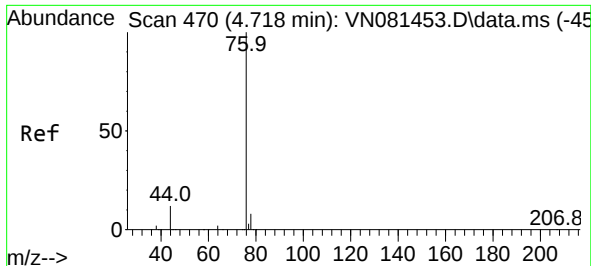
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#16
Acetone
Concen: 240.395 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

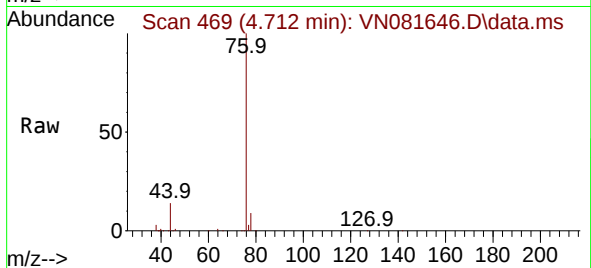
Tgt Ion: 43 Resp: 338954
Ion Ratio Lower Upper
43 100
58 31.5 24.8 37.2





#17
Carbon Disulfide
Concen: 41.332 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

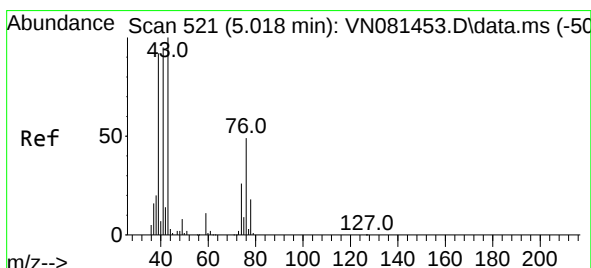
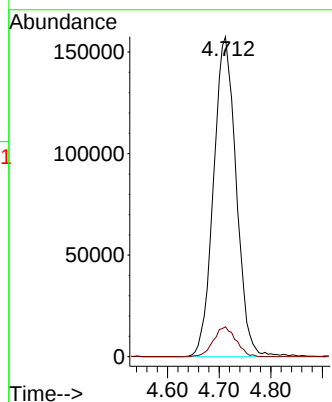
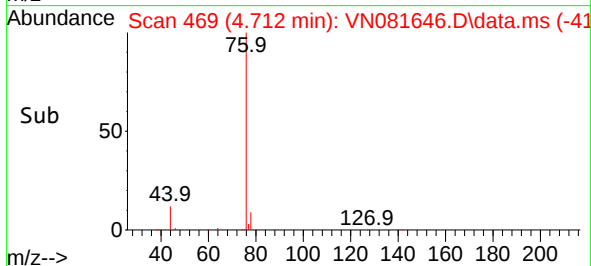
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 47888
Ion Ratio Lower Upper
76 100
78 9.4 6.3 9.5

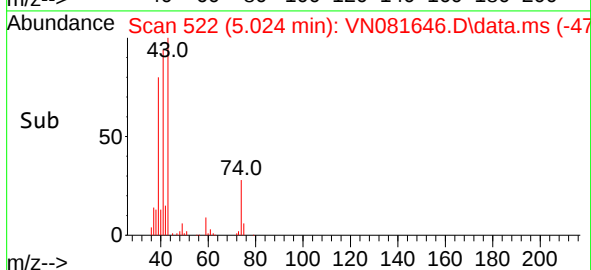
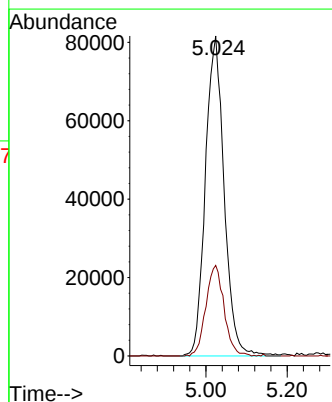
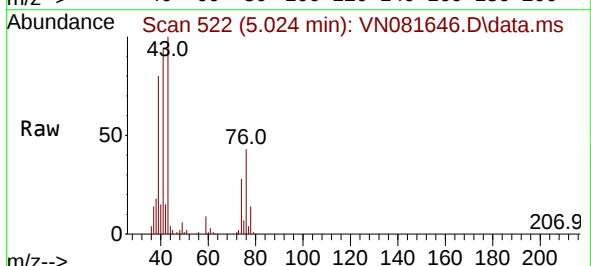
Manual Integrations
APPROVED

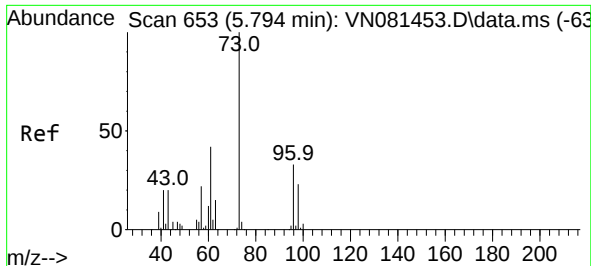
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#18
Methyl Acetate
Concen: 60.120 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

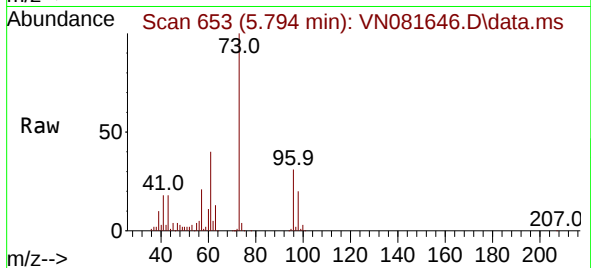
Tgt Ion: 43 Resp: 261339
Ion Ratio Lower Upper
43 100
74 27.4 17.3 25.9#





#19
Methyl tert-butyl Ether
Concen: 57.361 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

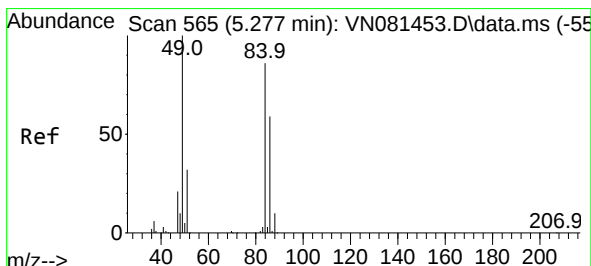
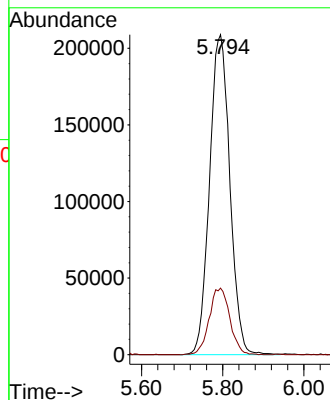
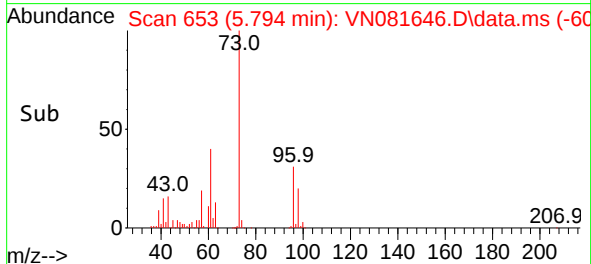
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 72481
Ion Ratio Lower Upper
73 100
57 20.8 18.2 27.4

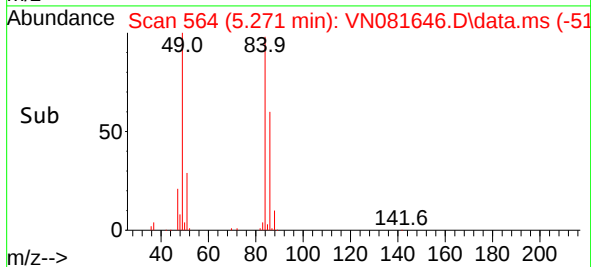
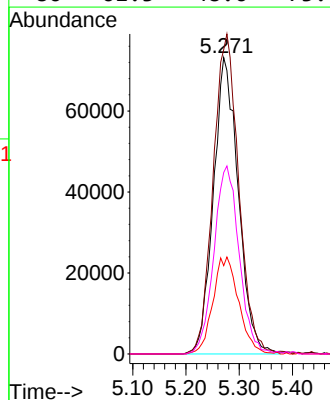
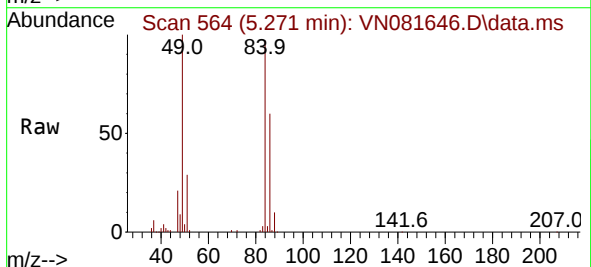
Manual Integrations
APPROVED

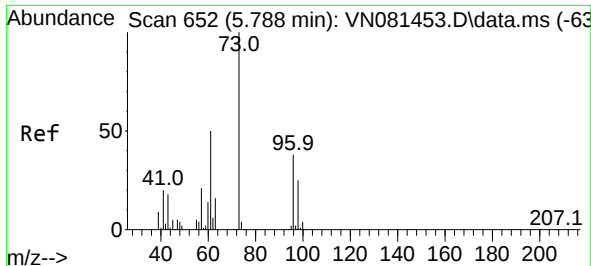
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#20
Methylene Chloride
Concen: 51.442 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

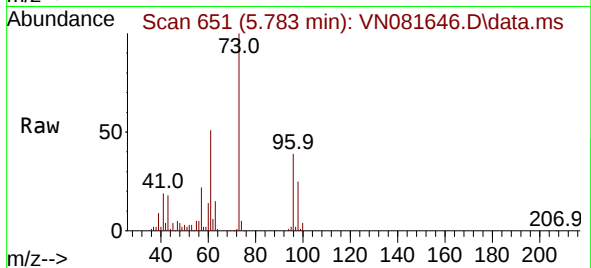
Tgt Ion: 84 Resp: 237592
Ion Ratio Lower Upper
84 100
49 102.7 108.1 162.1#
51 29.8 32.9 49.3#
86 61.3 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 51.583 ug/l
RT: 5.783 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

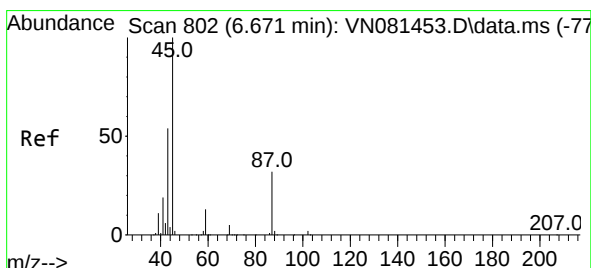
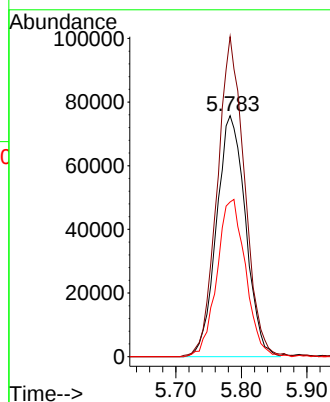
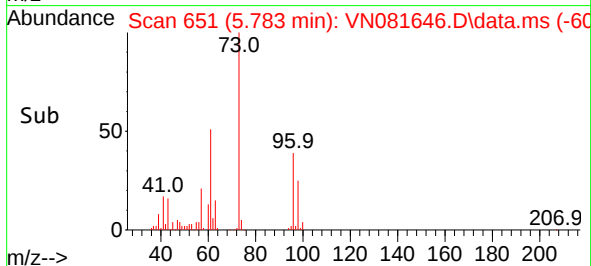
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 232215
Ion Ratio Lower Upper
96 100
61 132.8 112.8 169.2
98 64.2 51.0 76.4

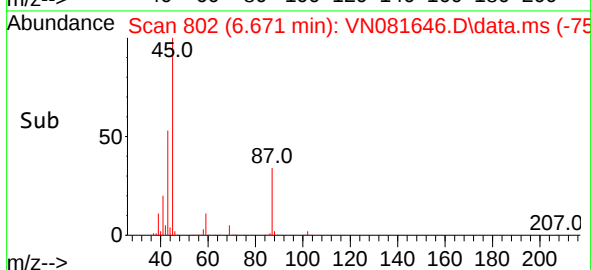
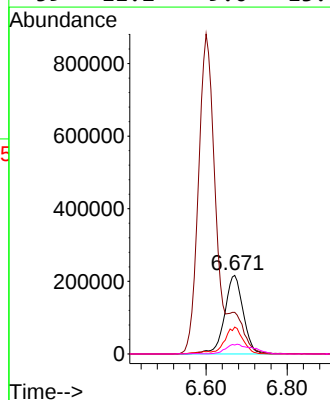
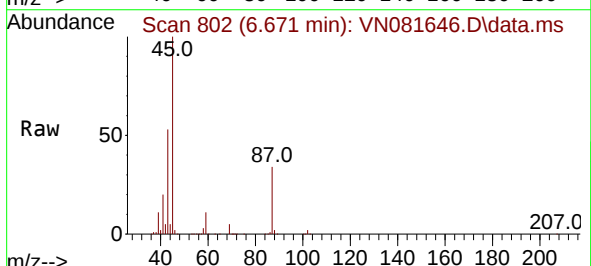
Manual Integrations
APPROVED

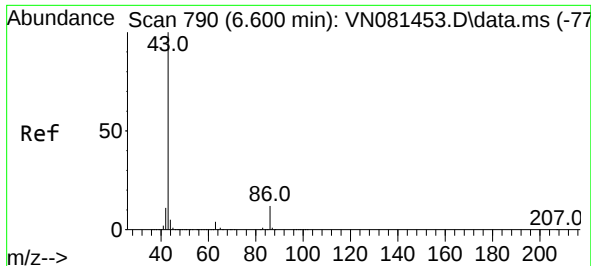
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#22
Diisopropyl ether
Concen: 58.310 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

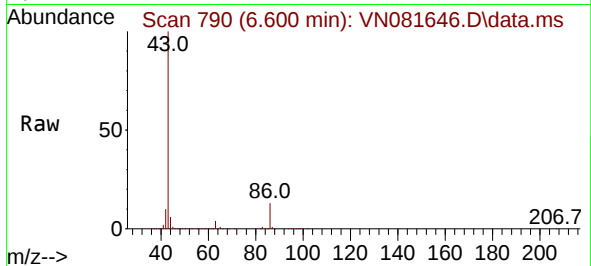
Tgt Ion: 45 Resp: 685465
Ion Ratio Lower Upper
45 100
43 52.1 41.8 62.8
87 34.2 18.1 27.1#
59 11.2 9.0 13.6





#23
 Vinyl Acetate
 Concen: 266.621 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081646.D
 Acq: 01 Apr 2024 16:25

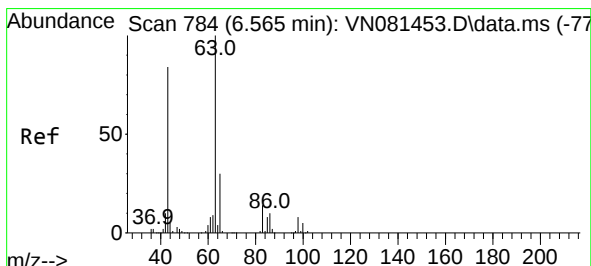
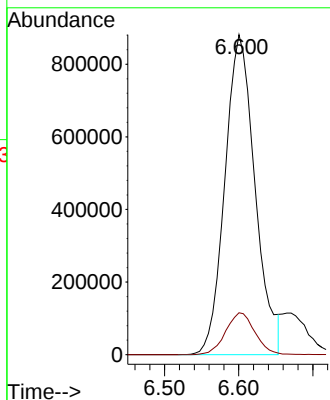
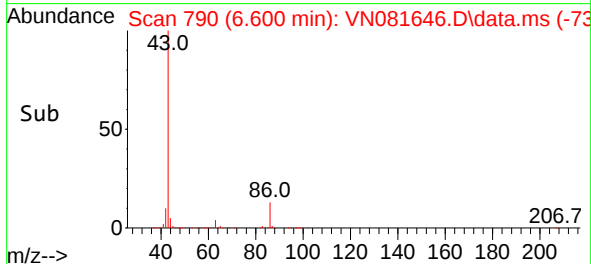
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 249478
 Ion Ratio Lower Upper
 43 100
 86 13.1 7.1 10.7

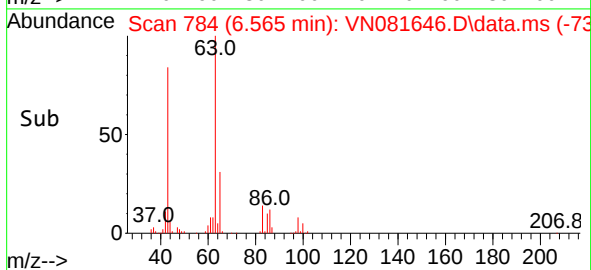
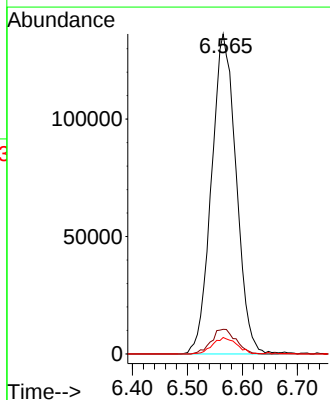
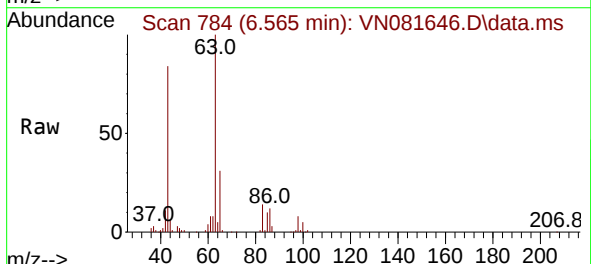
Manual Integrations
 APPROVED

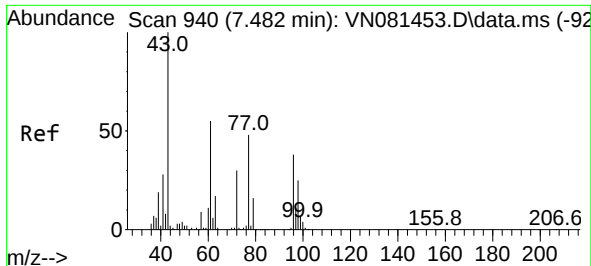
Reviewed By :John Carlone 04/02/2024
 Supervised By :Mahesh Dadoda 04/02/2024



#24
 1,1-Dichloroethane
 Concen: 53.970 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081646.D
 Acq: 01 Apr 2024 16:25

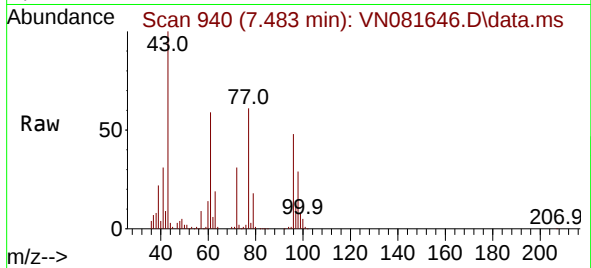
Tgt Ion: 63 Resp: 424938
 Ion Ratio Lower Upper
 63 100
 98 7.7 2.9 8.6
 100 5.2 1.9 5.7





#25
2-Butanone
Concen: 250.480 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

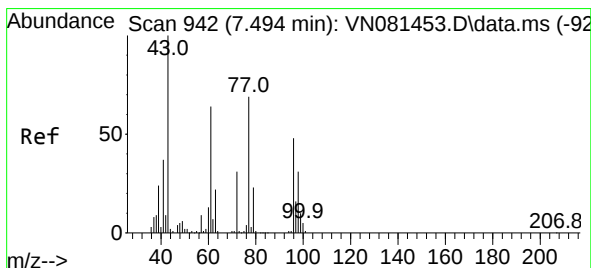
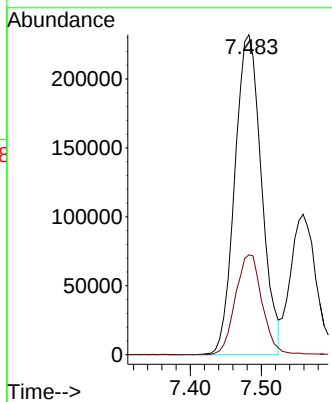
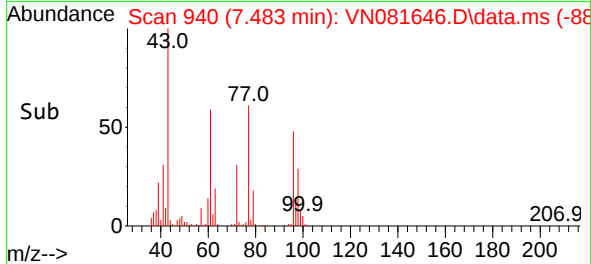
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 60576
Ion Ratio Lower Upper
43 100
72 31.2 19.5 29.3

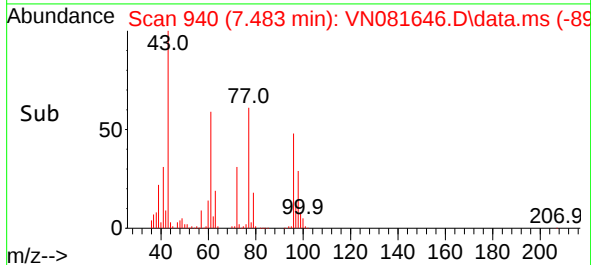
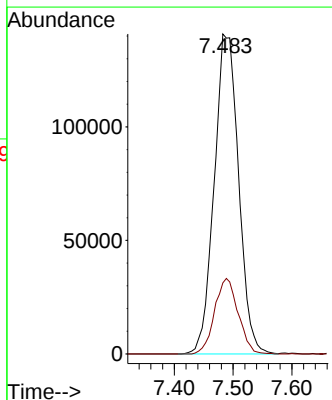
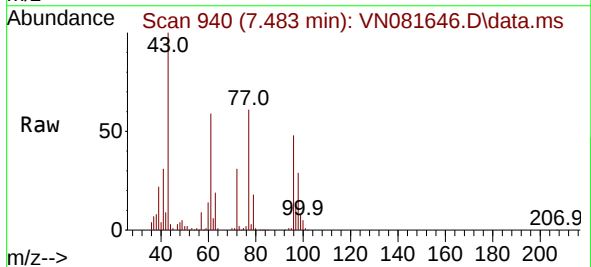
Manual Integrations
APPROVED

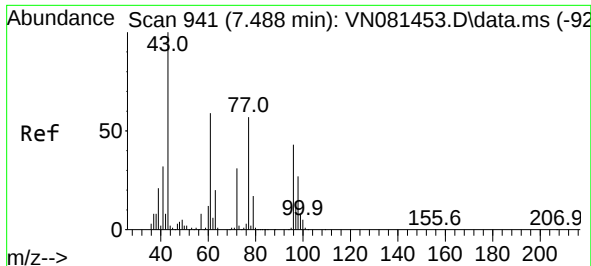
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#26
2,2-Dichloropropane
Concen: 59.475 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.012 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

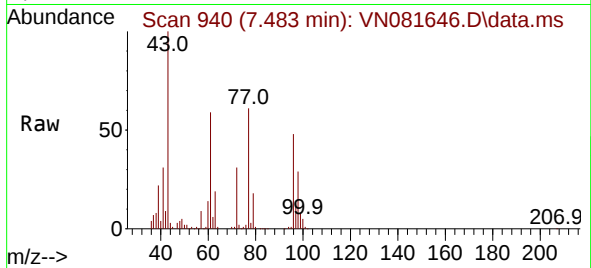
Tgt Ion: 77 Resp: 406154
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 56.275 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081646.D
 Acq: 01 Apr 2024 16:25

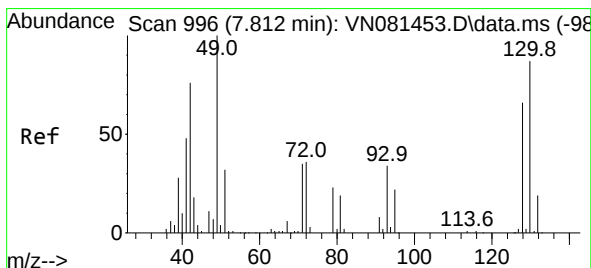
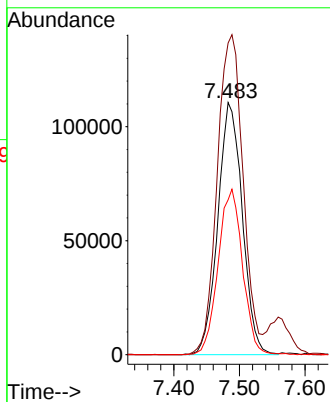
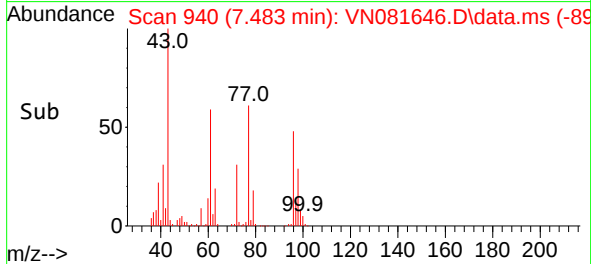
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 28664
 Ion Ratio Lower Upper
 96 100
 61 134.4 0.0 325.4
 98 65.6 0.0 130.4

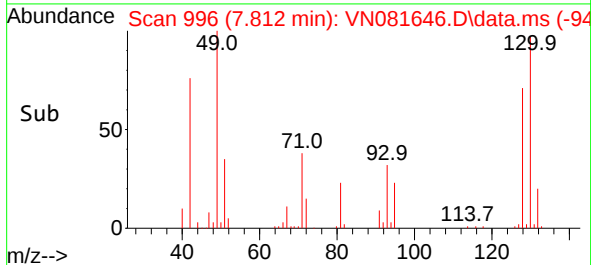
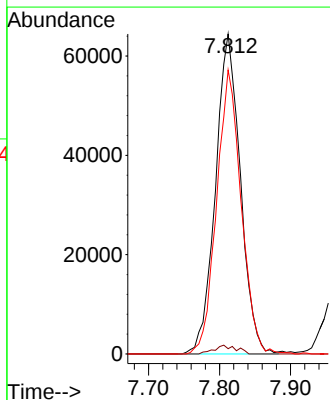
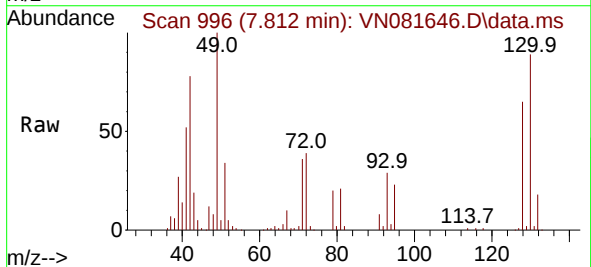
Manual Integrations
 APPROVED

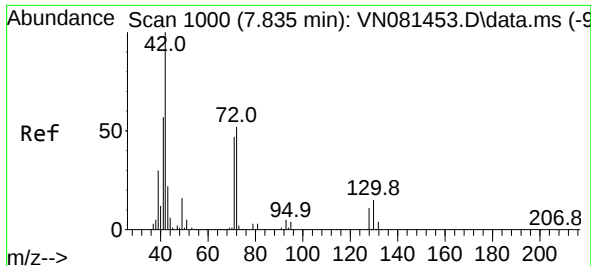
Reviewed By :John Carlone 04/02/2024
 Supervised By :Mahesh Dadoda 04/02/2024



#28
 Bromochloromethane
 Concen: 48.876 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081646.D
 Acq: 01 Apr 2024 16:25

Tgt Ion: 49 Resp: 156744
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 1.6#
 130 87.5 42.3 63.5#





#29

Tetrahydrofuran

Concen: 252.062 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081646.D

Acq: 01 Apr 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 41066

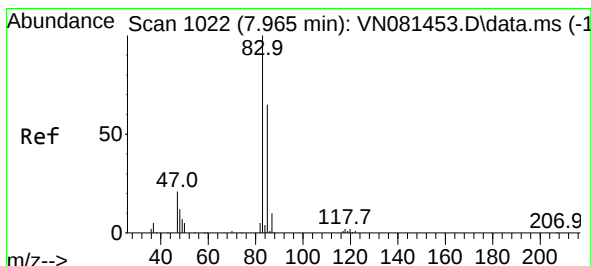
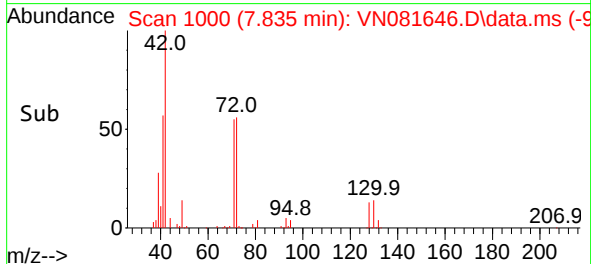
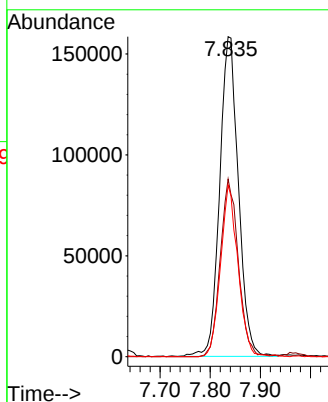
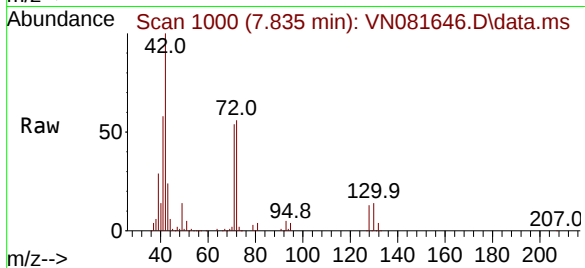
Ion	Ratio	Lower	Upper
42	100		
72	53.8	31.1	46.7
71	49.8	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#30

Chloroform

Concen: 57.549 ug/l

RT: 7.965 min Scan# 1022

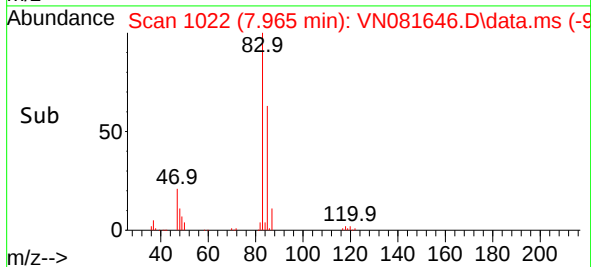
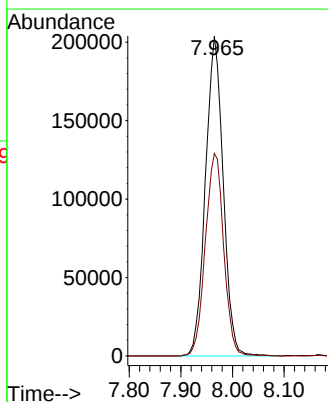
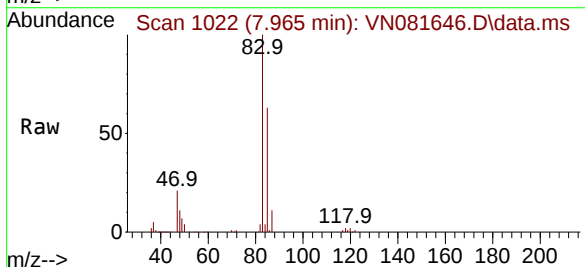
Delta R.T. 0.000 min

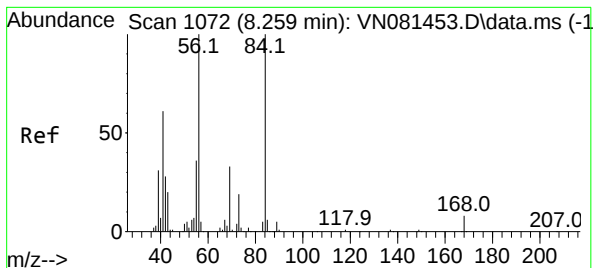
Lab File: VN081646.D

Acq: 01 Apr 2024 16:25

Tgt Ion: 83 Resp: 485068

Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.0	76.6





#31

Cyclohexane

Concen: 45.656 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.006 min

Lab File: VN081646.D

Acq: 01 Apr 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 324138

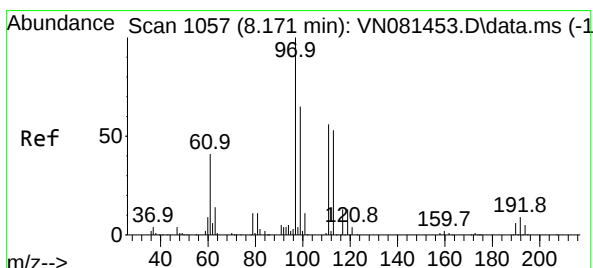
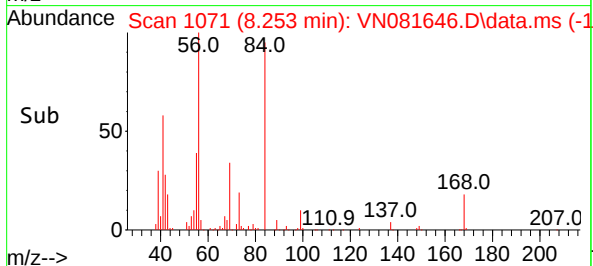
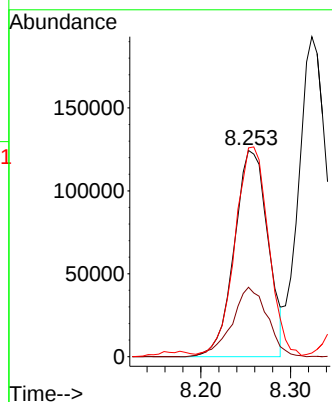
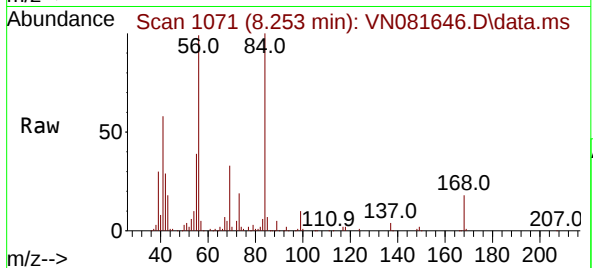
Ion	Ratio	Lower	Upper
56	100		
69	33.7	20.1	30.1
84	98.6	56.9	85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#32

1,1,1-Trichloroethane

Concen: 57.503 ug/l

RT: 8.165 min Scan# 1056

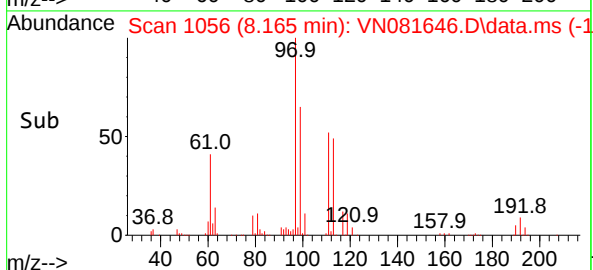
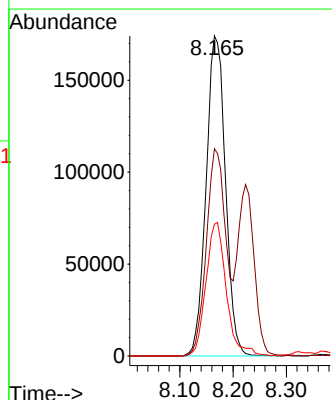
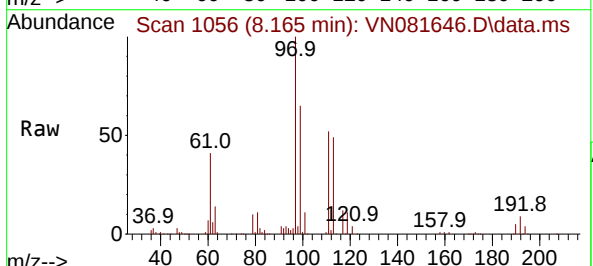
Delta R.T. -0.006 min

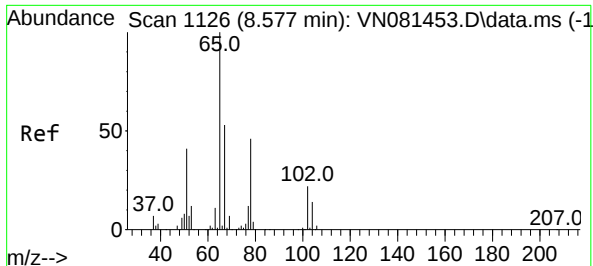
Lab File: VN081646.D

Acq: 01 Apr 2024 16:25

Tgt Ion: 97 Resp: 439737

Ion	Ratio	Lower	Upper
97	100		
99	66.5	53.4	80.0
61	44.0	43.8	65.8





#33

1,2-Dichloroethane-d4

Concen: 51.665 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081646.D

Acq: 01 Apr 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 225408

Ion Ratio Lower Upper

65 100

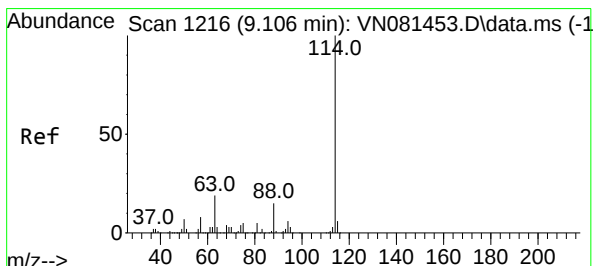
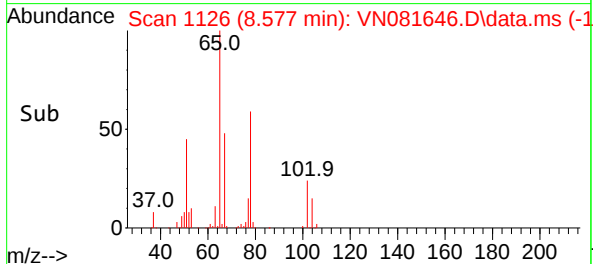
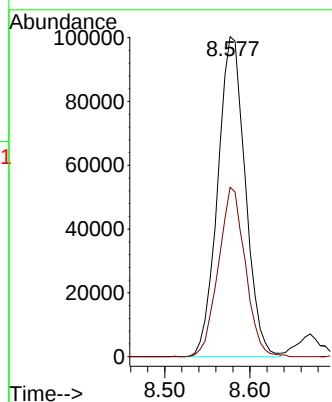
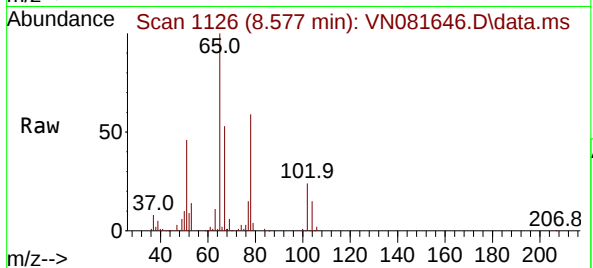
67 51.6 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081646.D

Acq: 01 Apr 2024 16:25

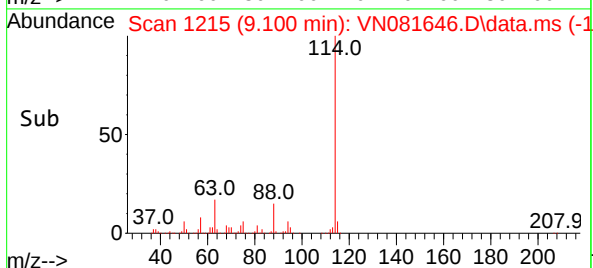
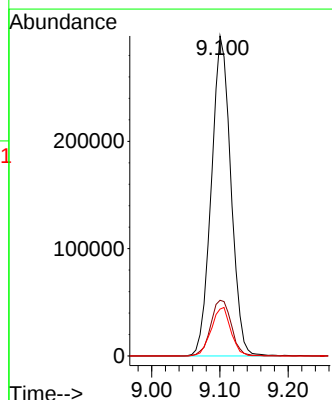
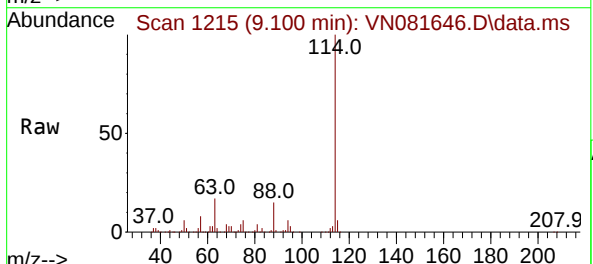
Tgt Ion:114 Resp: 593969

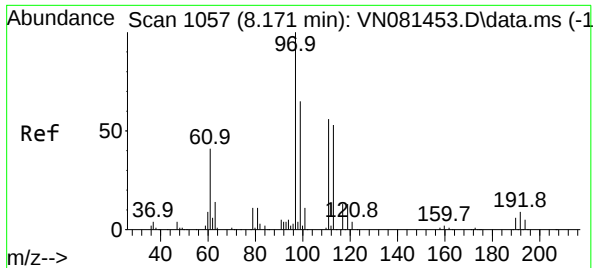
Ion Ratio Lower Upper

114 100

63 17.4 0.0 48.0

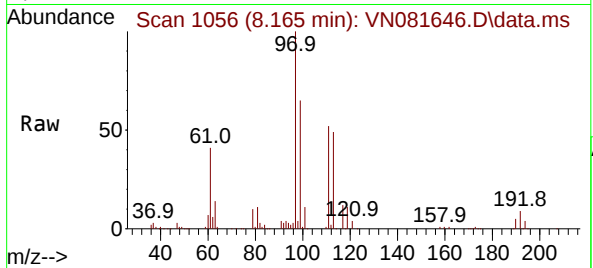
88 14.6 0.0 34.8





#35
Dibromofluoromethane
Concen: 53.751 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

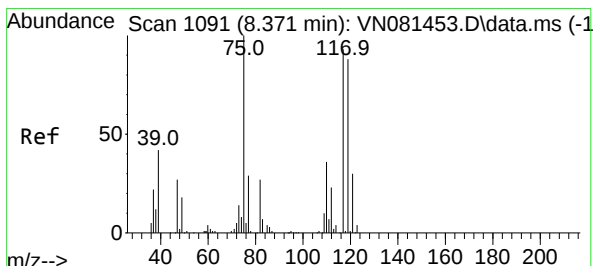
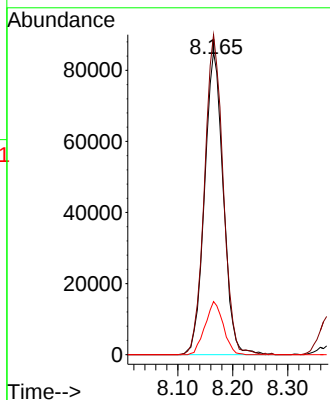
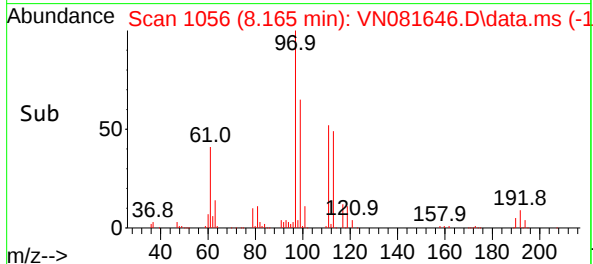
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 20148
Ion Ratio Lower Upper
113 100
111 105.0 82.2 123.4
192 17.0 12.5 18.7

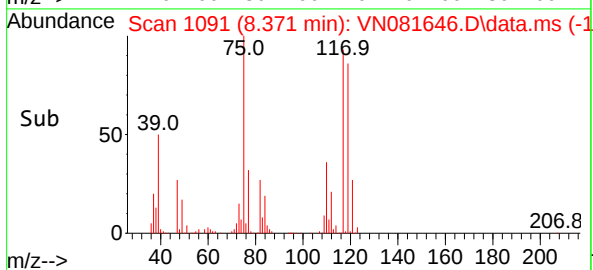
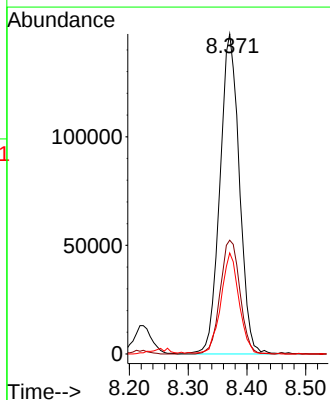
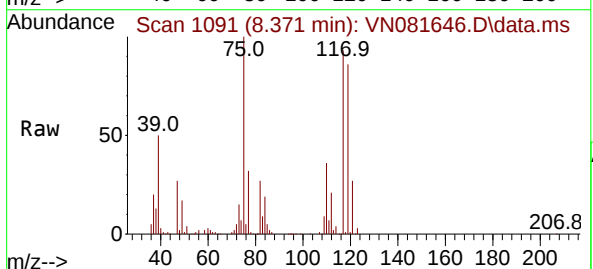
Manual Integrations
APPROVED

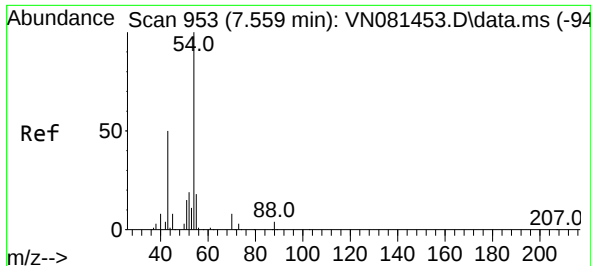
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#36
1,1-Dichloropropene
Concen: 53.658 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

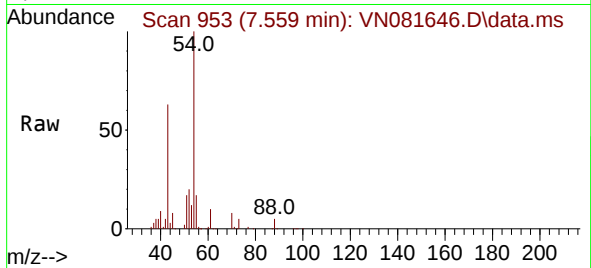
Tgt Ion: 75 Resp: 338495
Ion Ratio Lower Upper
75 100
110 36.1 16.0 48.0
77 29.6 25.8 38.6





#37
Ethyl Acetate
Concen: 47.848 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

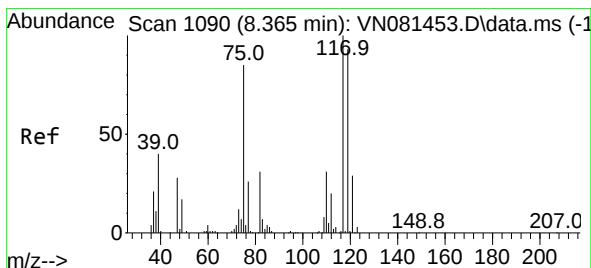
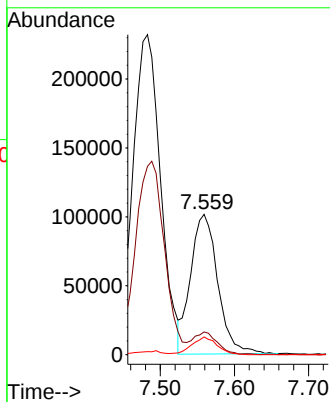
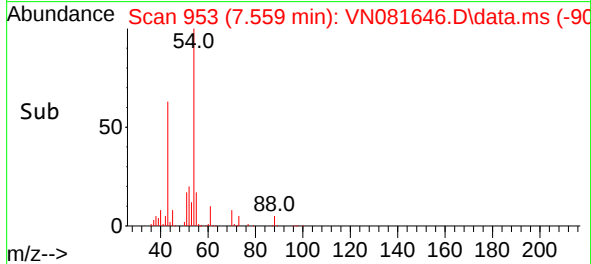
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 258460
Ion Ratio Lower Upper
43 100
61 14.5 10.6 15.8
70 11.8 8.0 12.0

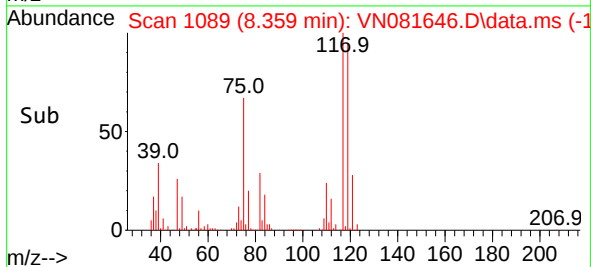
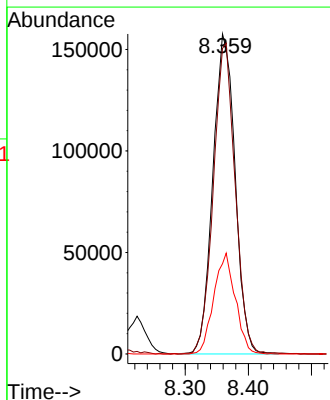
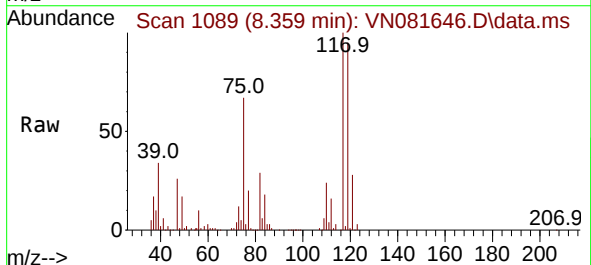
Manual Integrations
APPROVED

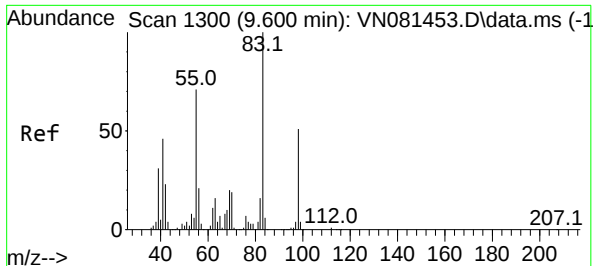
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#38
Carbon Tetrachloride
Concen: 55.689 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

Tgt Ion:117 Resp: 384839
Ion Ratio Lower Upper
117 100
119 95.5 73.4 110.2
121 28.2 24.4 36.6





#39

Methylcyclohexane

Concen: 52.155 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081646.D

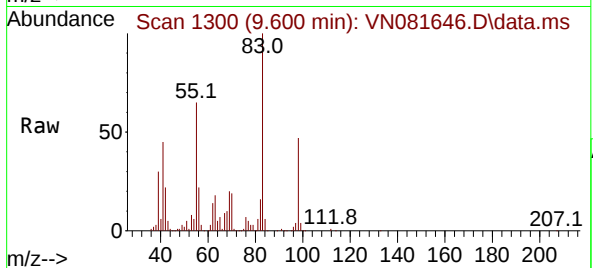
Acq: 01 Apr 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



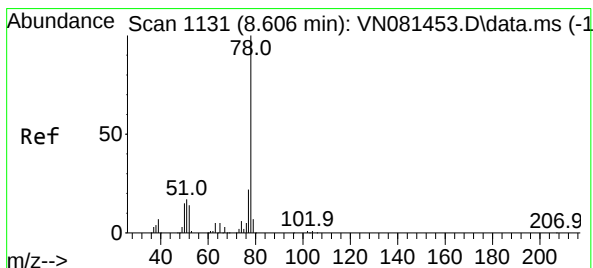
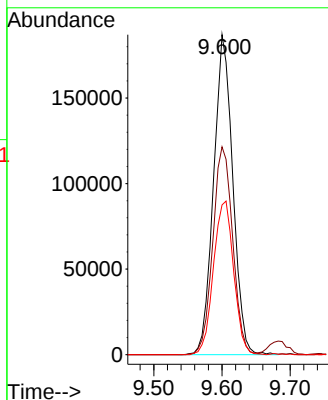
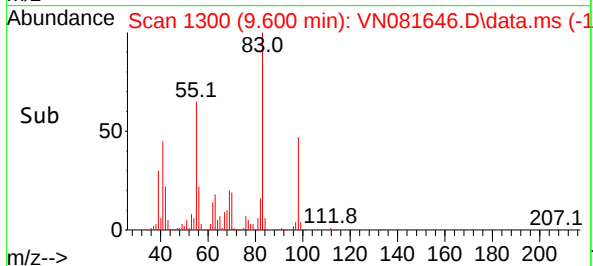
Tgt Ion:	83	Resp:	367418
Ion Ratio	Lower	Upper	
83	100		
55	65.0	65.7	98.5
98	46.8	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#40

Benzene

Concen: 54.700 ug/l

RT: 8.606 min Scan# 1131

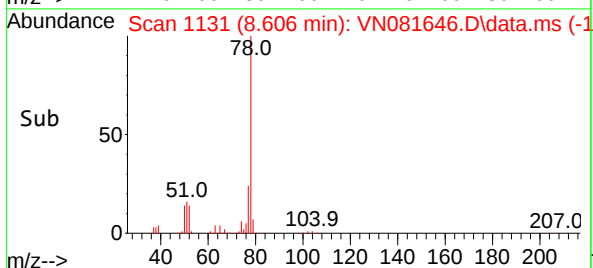
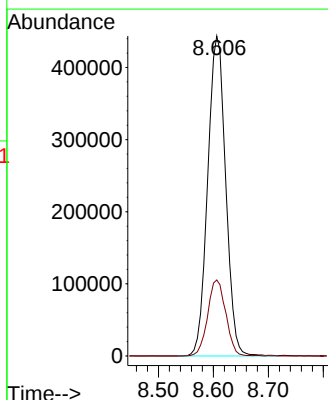
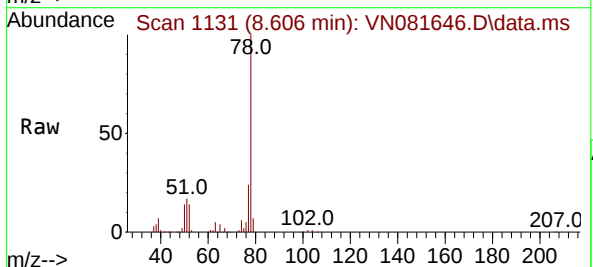
Delta R.T. 0.000 min

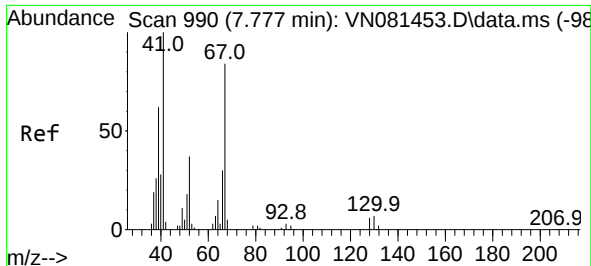
Lab File: VN081646.D

Acq: 01 Apr 2024 16:25

Tgt Ion: 78 Resp: 1008837

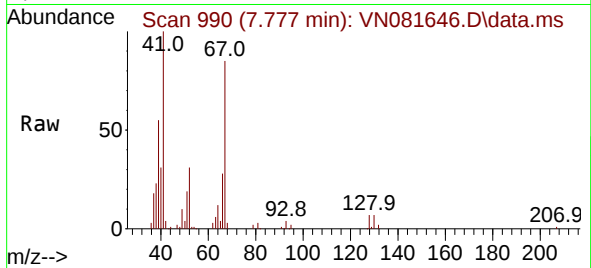
Ion Ratio	Lower	Upper
78	100	
77	23.7	20.4 30.6





#41
Methacrylonitrile
Concen: 53.588 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

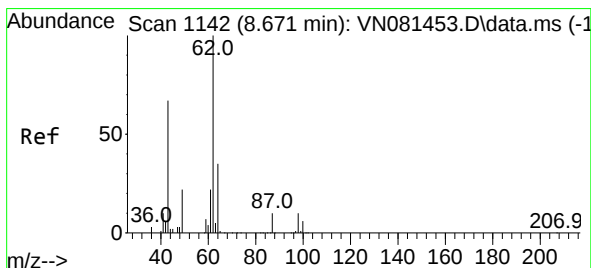
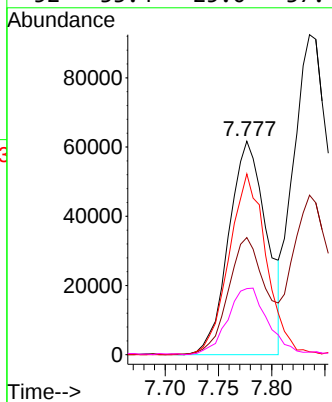
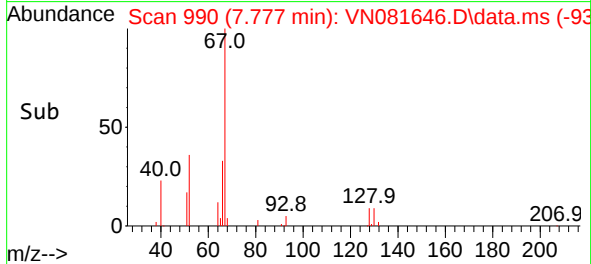
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



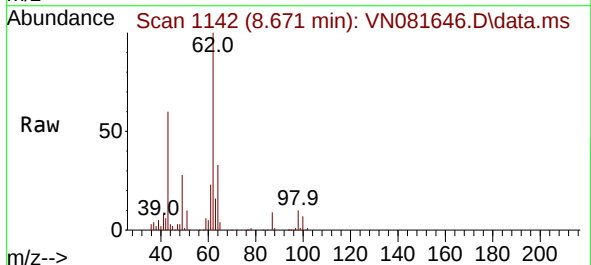
Tgt Ion: 41 Resp: 15308
Ion Ratio Lower Upper
41 100
39 54.7 48.4 72.6
67 83.3 56.8 85.2
52 33.4 25.0 37.4

Manual Integrations
APPROVED

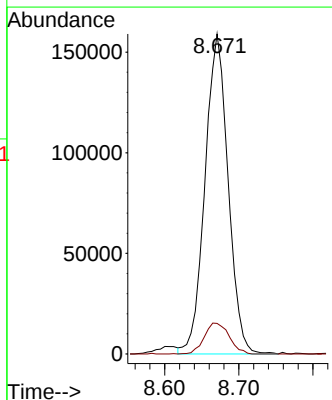
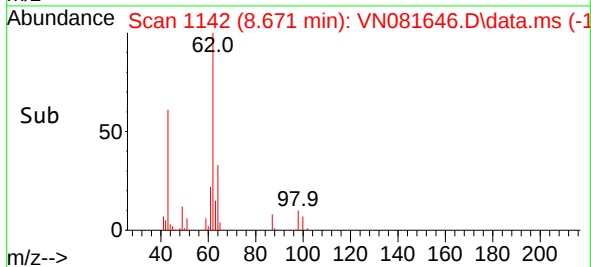
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

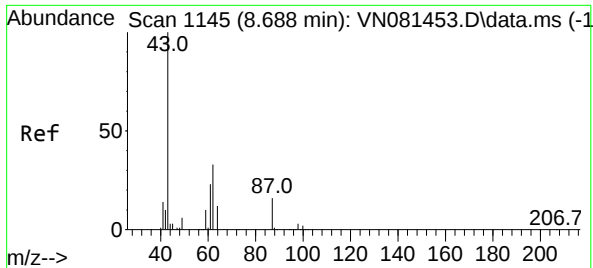


#42
1,2-Dichloroethane
Concen: 53.164 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25



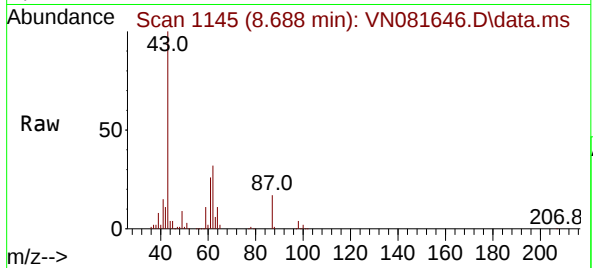
Tgt Ion: 62 Resp: 345063
Ion Ratio Lower Upper
62 100
98 10.4 0.0 18.0





#43
Isopropyl Acetate
Concen: 51.434 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

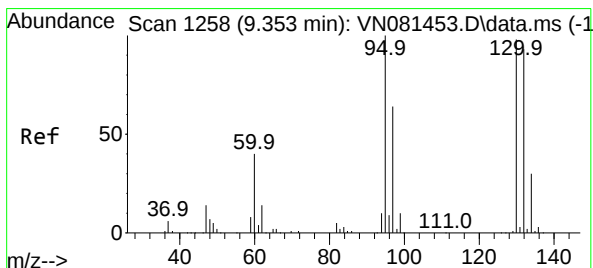
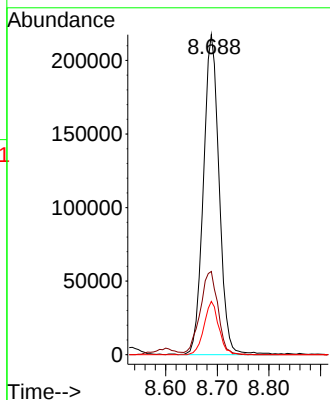
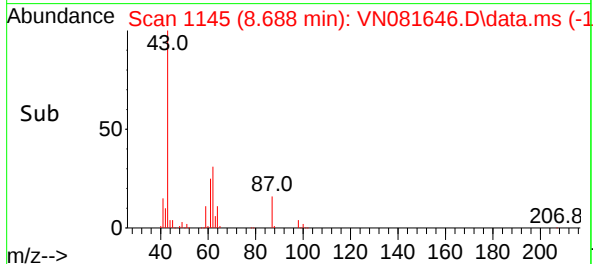
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 46054
Ion Ratio Lower Upper
43 100
61 29.4 19.9 29.9
87 15.6 9.0 13.6

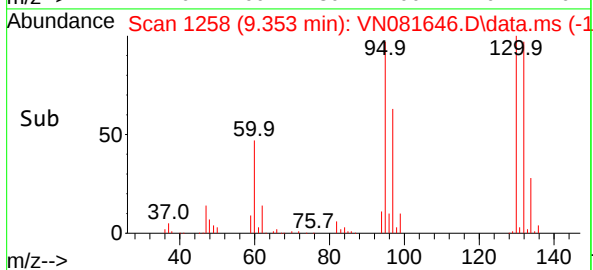
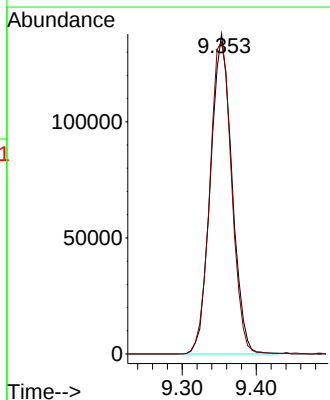
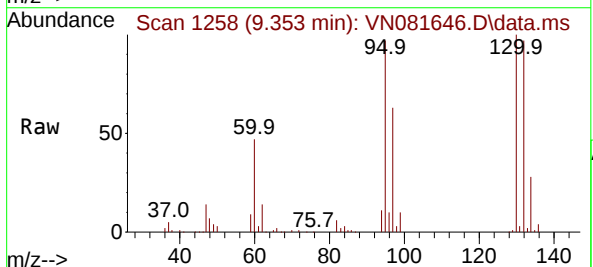
Manual Integrations
APPROVED

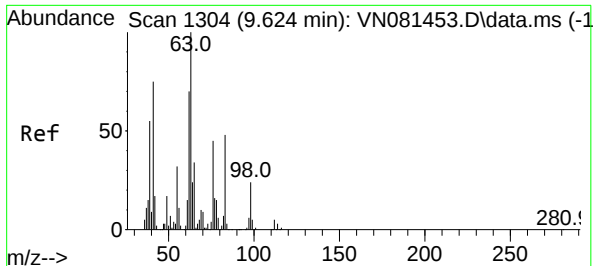
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#44
Trichloroethene
Concen: 53.535 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

Tgt Ion:130 Resp: 277694
Ion Ratio Lower Upper
130 100
95 97.5 0.0 210.4





#45

1,2-Dichloropropane

Concen: 56.091 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081646.D

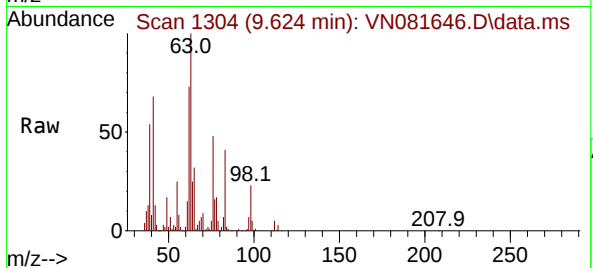
Acq: 01 Apr 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 63 Resp: 250712

Ion Ratio Lower Upper

63 100

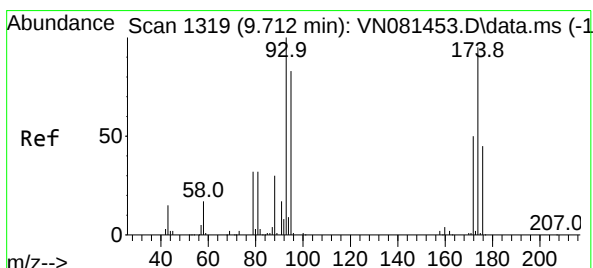
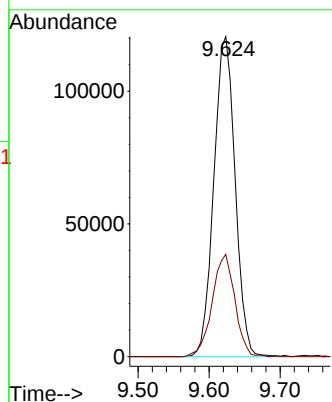
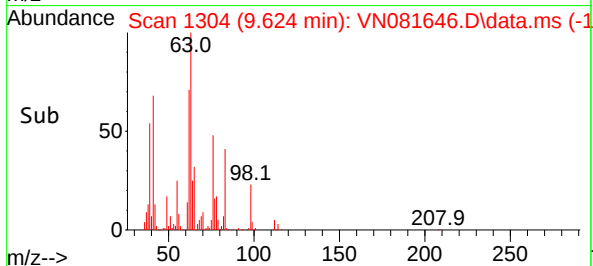
65 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#46

Dibromomethane

Concen: 56.057 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081646.D

Acq: 01 Apr 2024 16:25

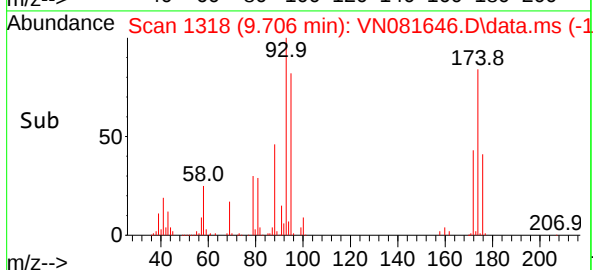
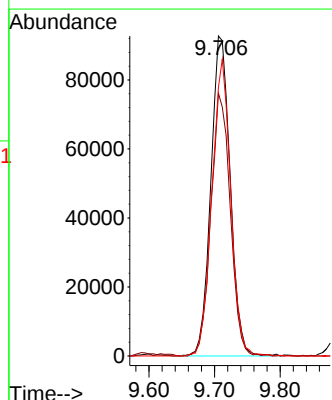
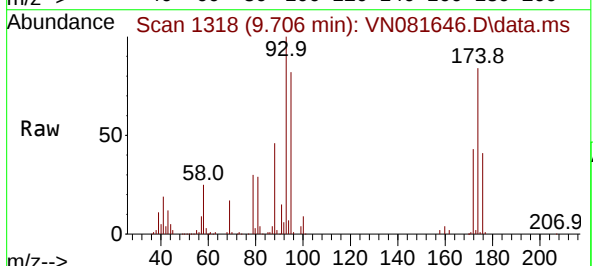
Tgt Ion: 93 Resp: 190279

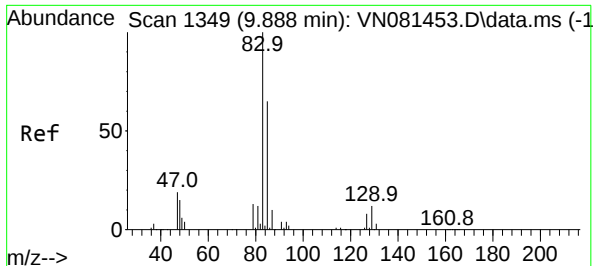
Ion Ratio Lower Upper

93 100

95 81.9 68.1 102.1

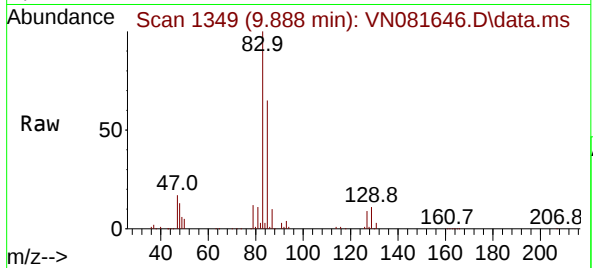
174 89.9 57.2 85.8





#47
Bromodichloromethane
Concen: 59.201 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

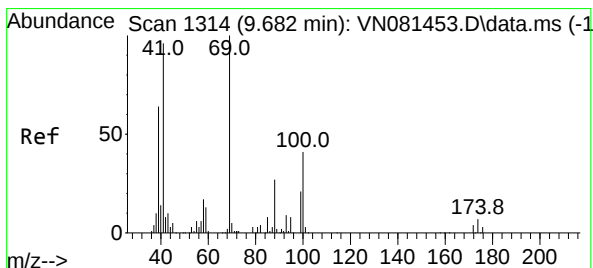
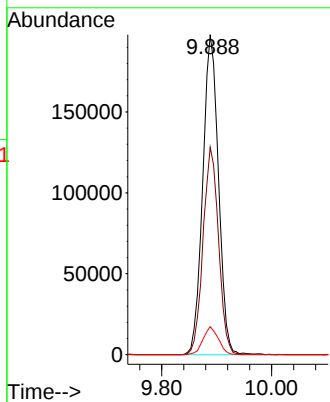
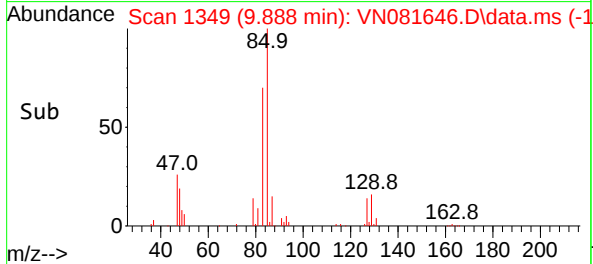
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 39289
Ion Ratio Lower Upper
83 100
85 64.8 52.3 78.5
127 8.8 4.6 7.0

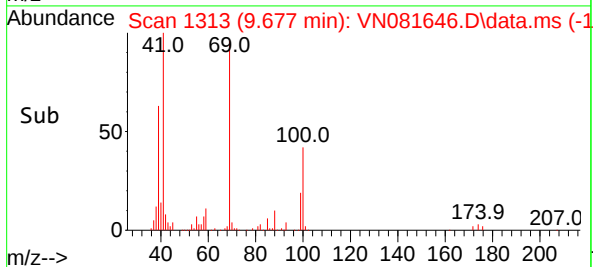
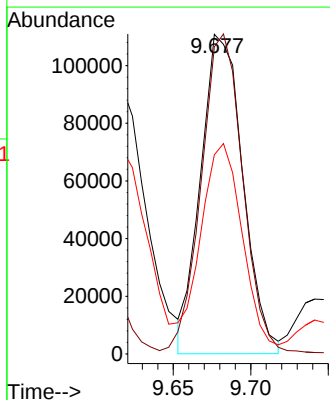
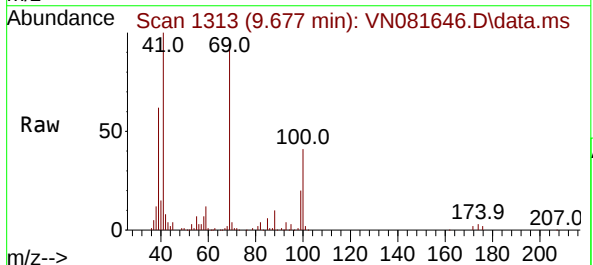
Manual Integrations
APPROVED

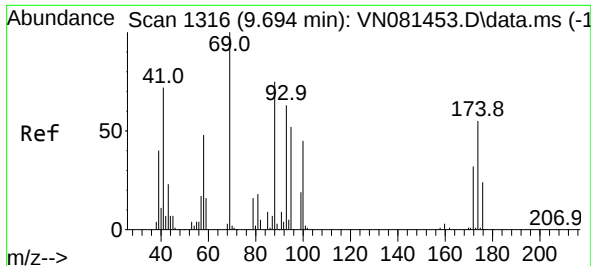
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#48
Methyl methacrylate
Concen: 50.805 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

Tgt Ion: 41 Resp: 209823
Ion Ratio Lower Upper
41 100
69 98.6 62.2 93.2
39 67.1 47.6 71.4





#49

1,4-Dioxane

Concen: 957.315 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081646.D

Acq: 01 Apr 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

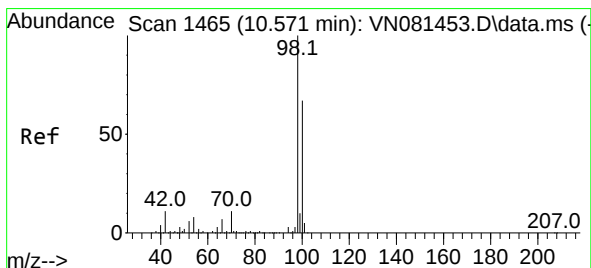
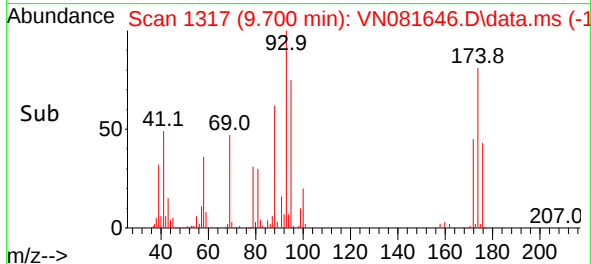
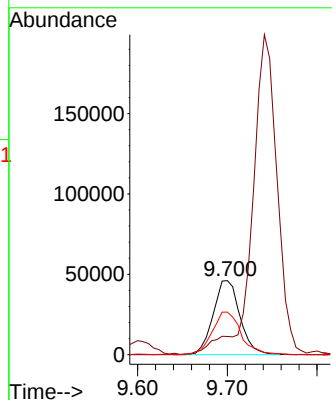
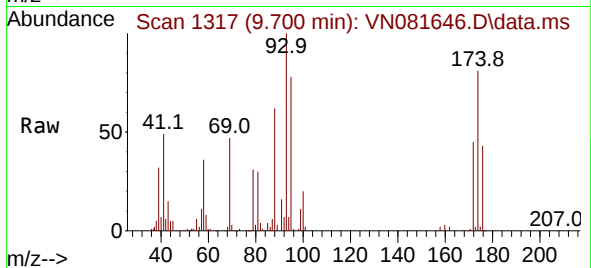
Tgt Ion: 88 Resp: 95014
 Ion Ratio Lower Upper
 88 100
 43 0.0 30.1 45.1
 58 62.5 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#50

Toluene-d8

Concen: 50.859 ug/l

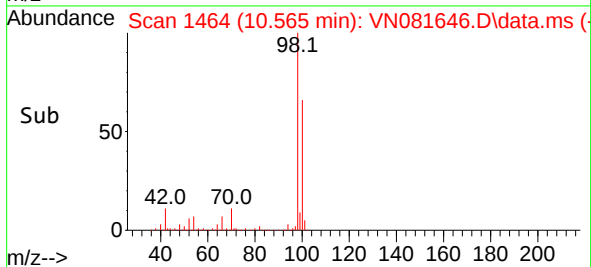
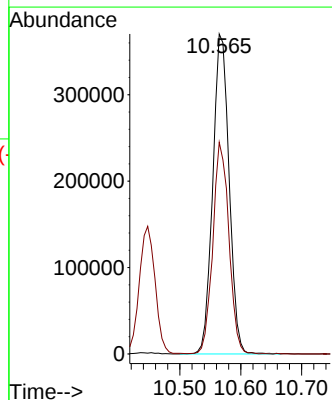
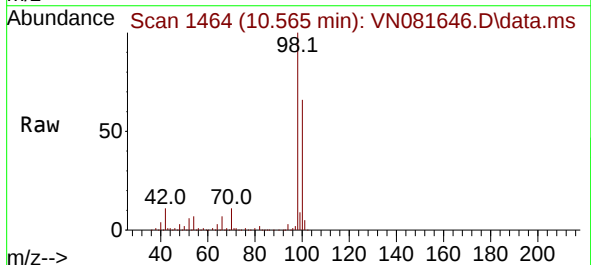
RT: 10.565 min Scan# 1464

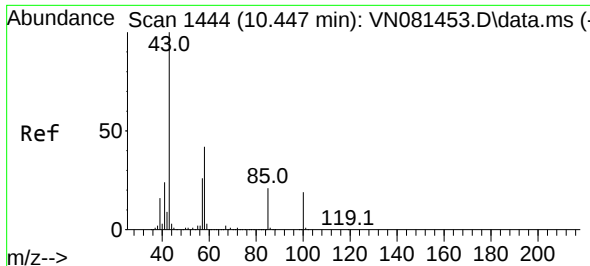
Delta R.T. -0.006 min

Lab File: VN081646.D

Acq: 01 Apr 2024 16:25

Tgt Ion: 98 Resp: 689168
 Ion Ratio Lower Upper
 98 100
 100 65.2 51.4 77.0





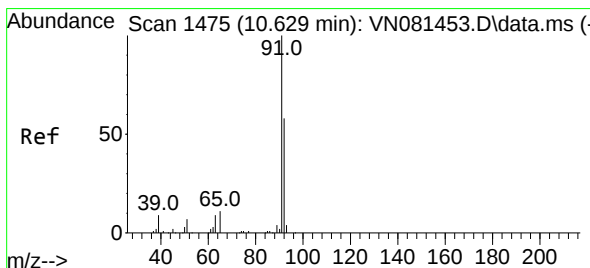
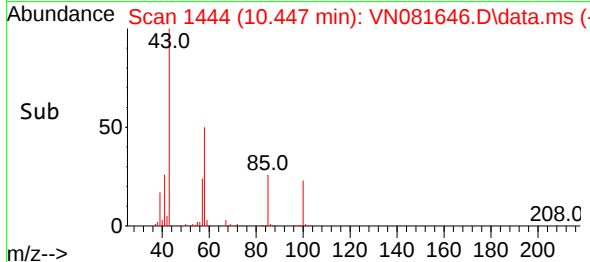
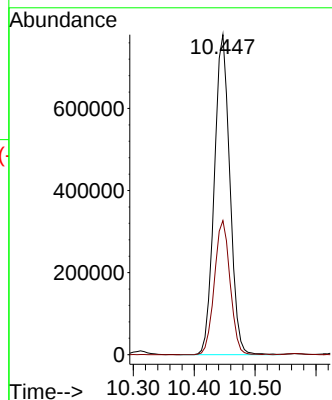
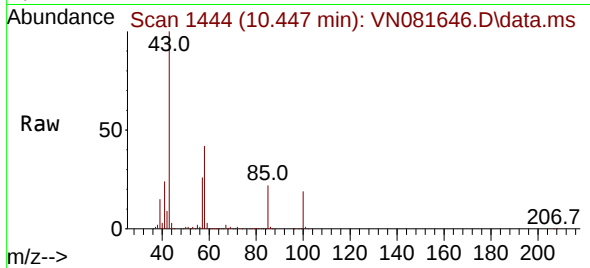
#51
4-Methyl-2-Pentanone
Concen: 253.422 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 138463
Ion Ratio Lower Upper
43 100
58 42.3 29.4 44.0

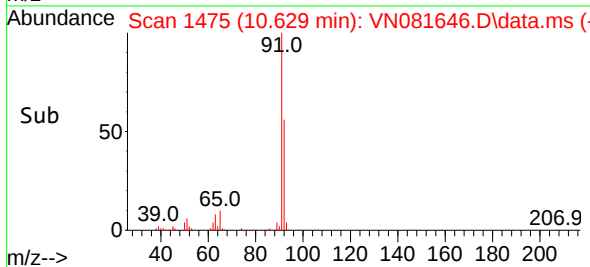
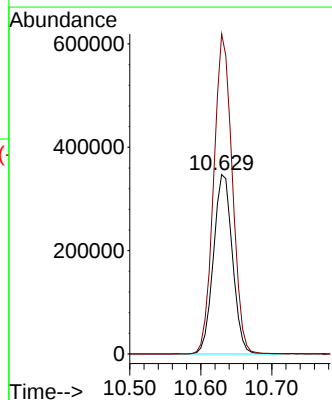
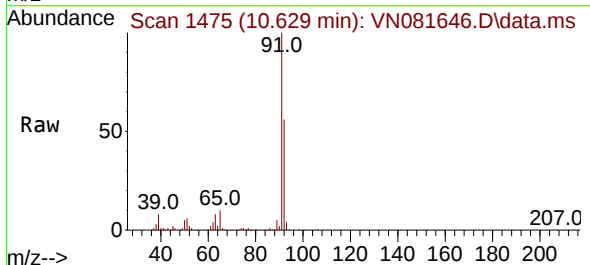
Manual Integrations
APPROVED

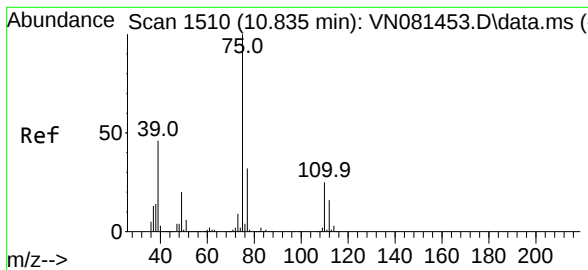
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#52
Toluene
Concen: 54.890 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

Tgt Ion: 92 Resp: 643432
Ion Ratio Lower Upper
92 100
91 174.7 139.4 209.0





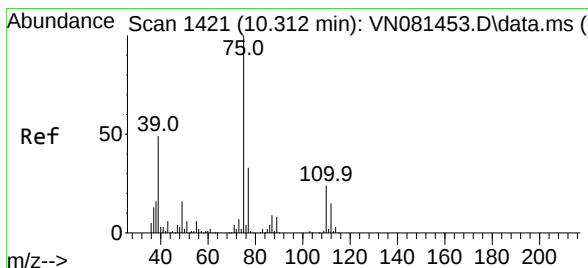
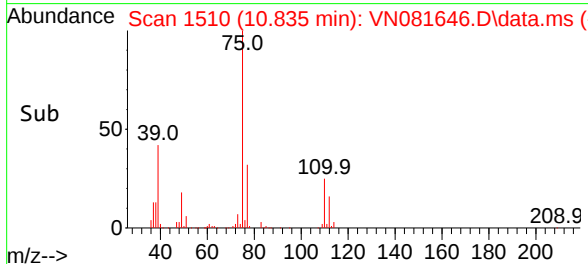
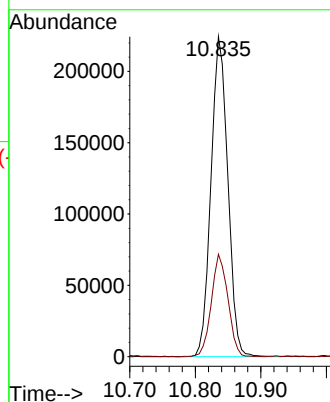
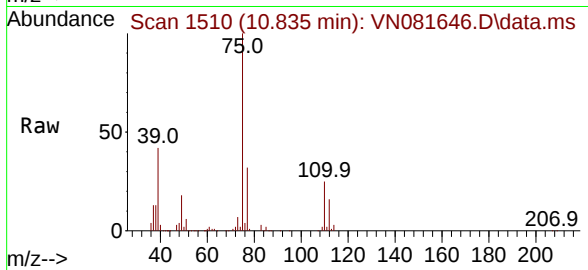
#53
t-1,3-Dichloropropene
Concen: 55.820 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 400020
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3

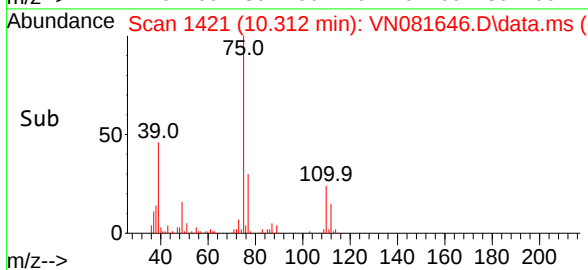
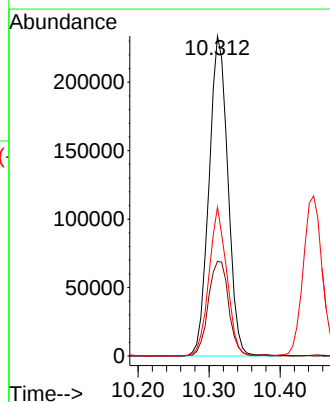
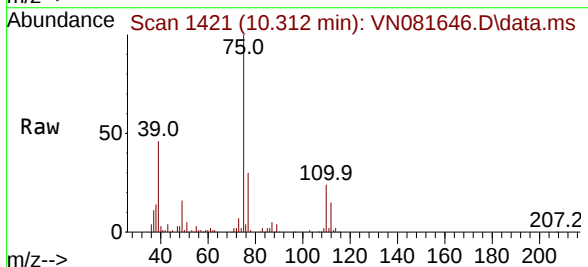
Manual Integrations
APPROVED

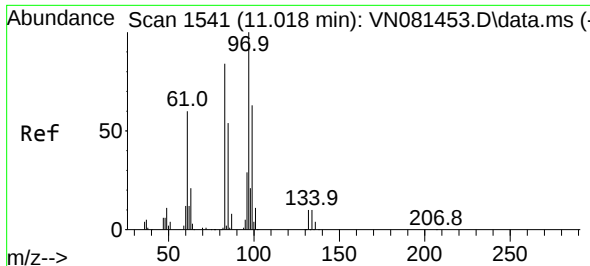
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#54
cis-1,3-Dichloropropene
Concen: 56.123 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

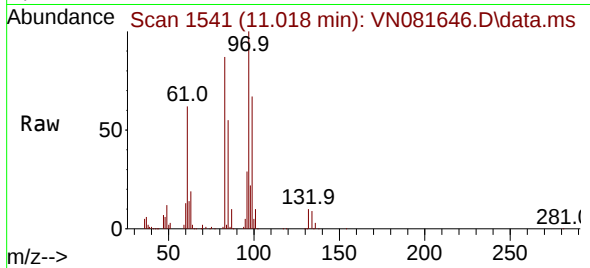
Tgt Ion: 75 Resp: 431218
Ion Ratio Lower Upper
75 100
77 29.6 23.3 34.9
39 46.5 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 55.029 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

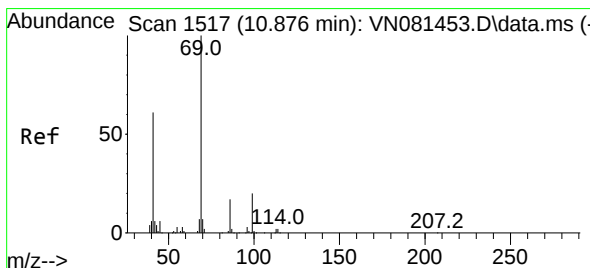
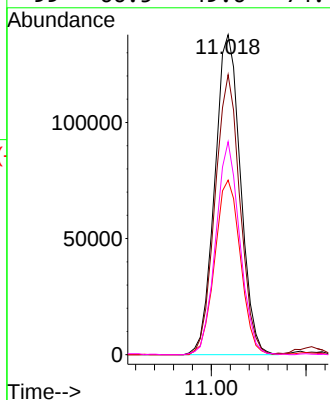
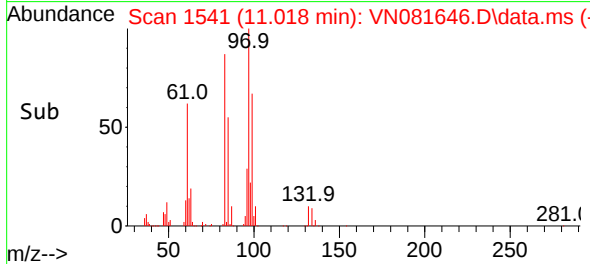
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 259598
Ion Ratio Lower Upper
97 100
83 87.5 72.9 109.3
85 54.5 50.2 75.2
99 66.5 49.6 74.4

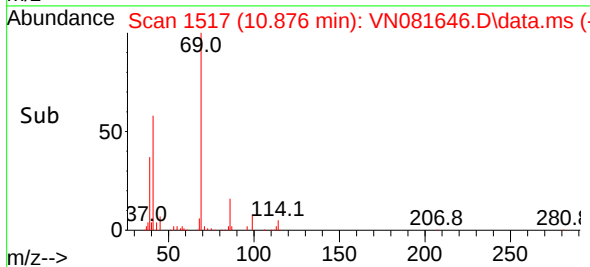
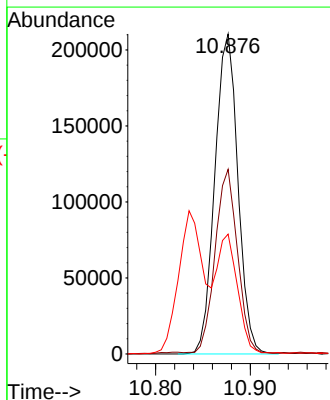
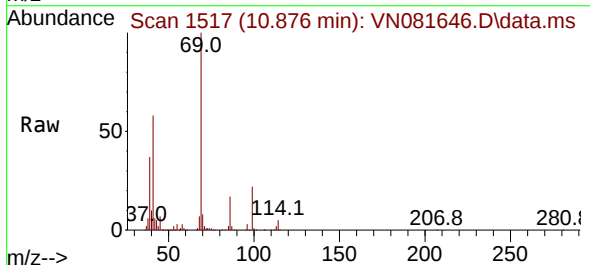
Manual Integrations
APPROVED

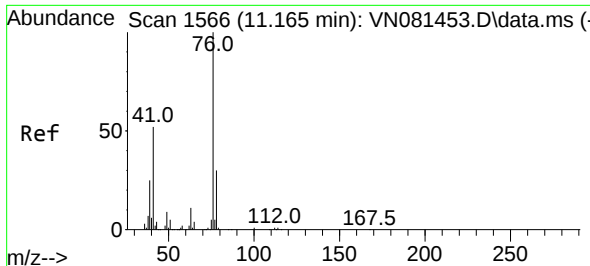
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#56
Ethyl methacrylate
Concen: 50.632 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

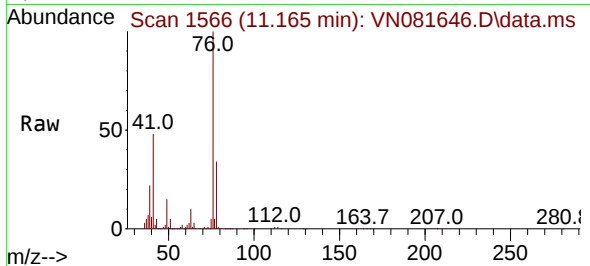
Tgt Ion: 69 Resp: 356075
Ion Ratio Lower Upper
69 100
41 55.7 61.0 91.6#
39 32.8 31.8 47.6





#57
1,3-Dichloropropane
Concen: 55.683 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

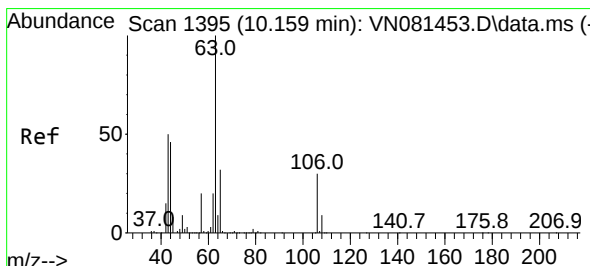
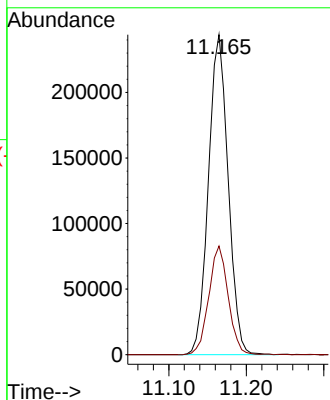
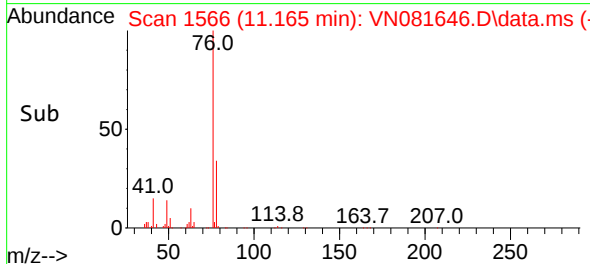
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



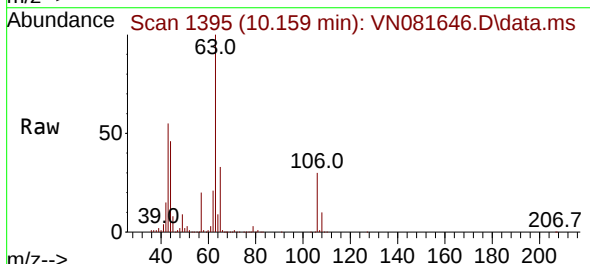
Tgt Ion: 76 Resp: 430629
Ion Ratio Lower Upper
76 100
78 33.4 25.5 38.3

Manual Integrations
APPROVED

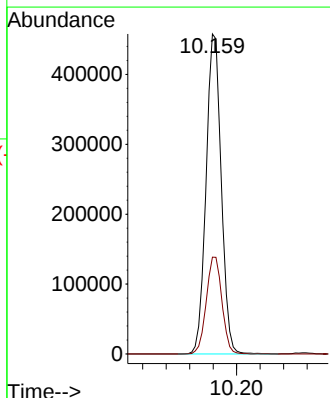
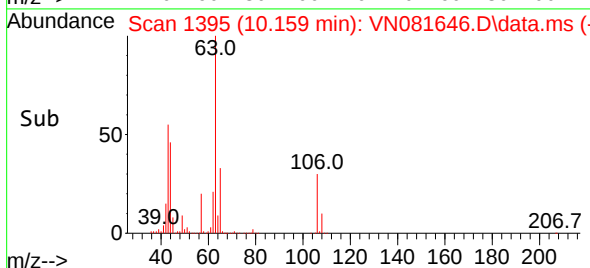
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

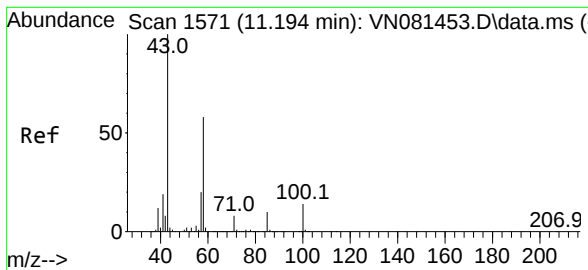


#58
2-Chloroethyl Vinyl ether
Concen: 276.652 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25



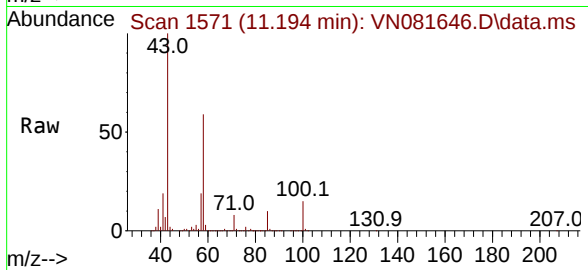
Tgt Ion: 63 Resp: 821209
Ion Ratio Lower Upper
63 100
106 31.1 18.6 28.0#





#59
2-Hexanone
Concen: 250.659 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

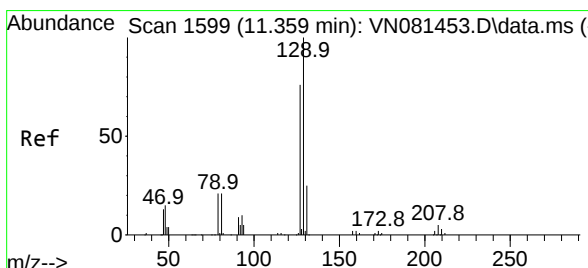
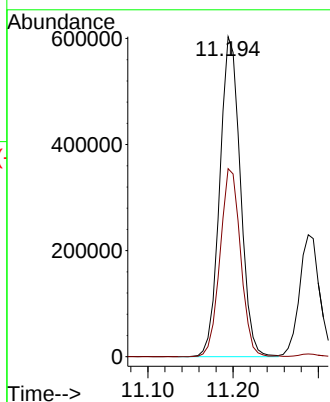
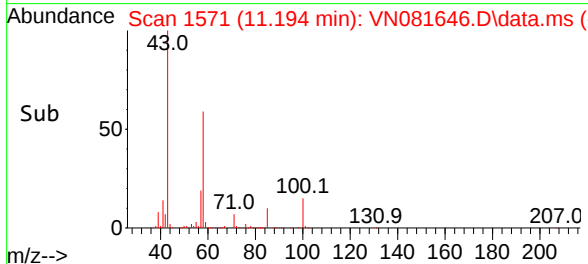
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 101255
Ion Ratio Lower Upper
43 100
58 58.7 25.9 77.8

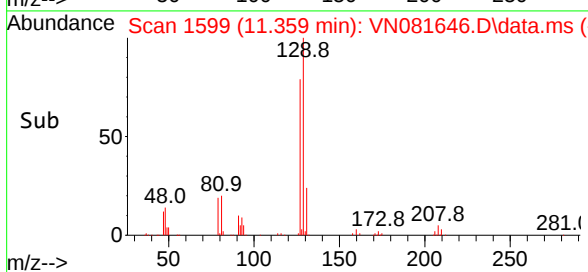
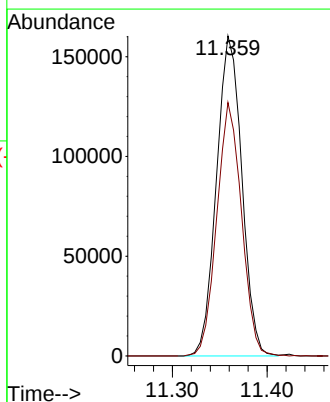
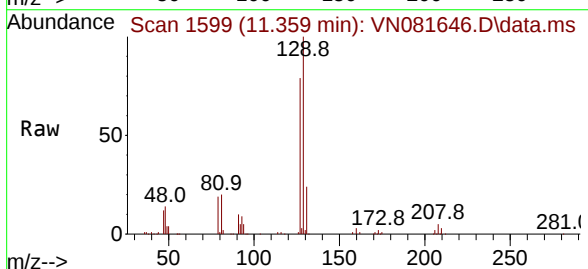
Manual Integrations
APPROVED

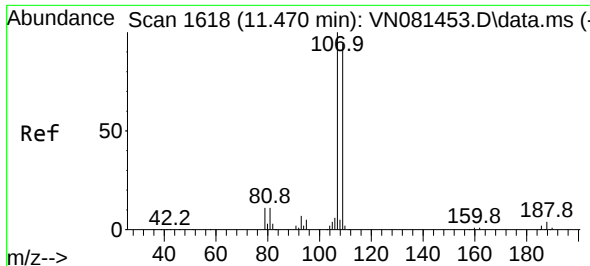
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#60
Dibromochloromethane
Concen: 57.547 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

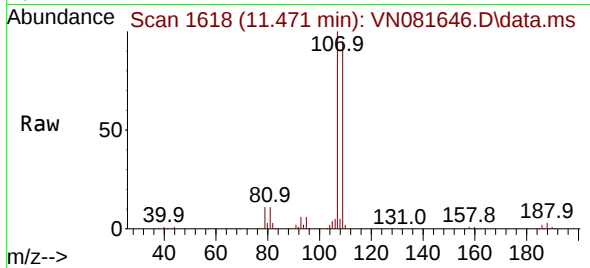
Tgt Ion:129 Resp: 298562
Ion Ratio Lower Upper
129 100
127 77.3 39.4 118.2





#61
1,2-Dibromoethane
Concen: 55.358 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

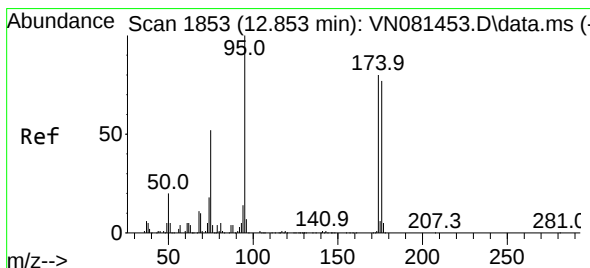
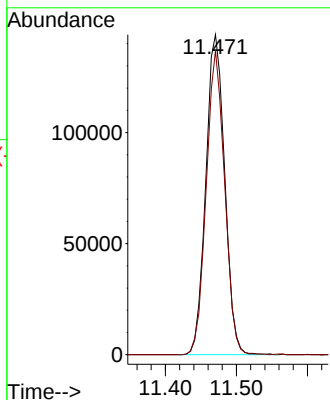
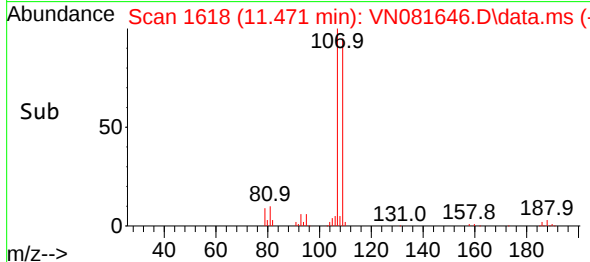
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



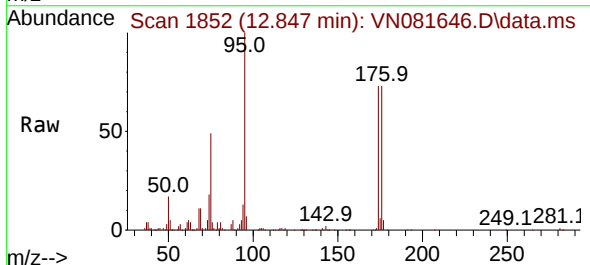
Tgt Ion:107 Resp: 26625
Ion Ratio Lower Upper
107 100
109 92.6 73.4 110.2

Manual Integrations
APPROVED

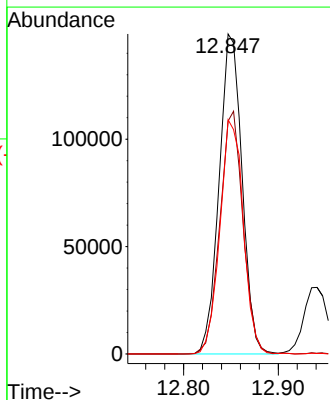
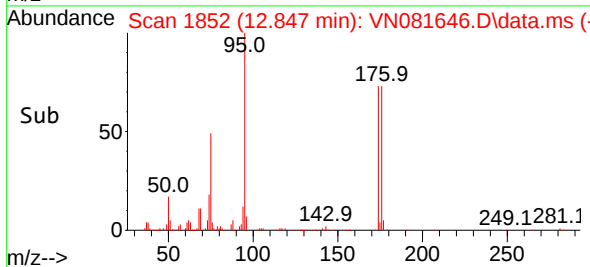
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

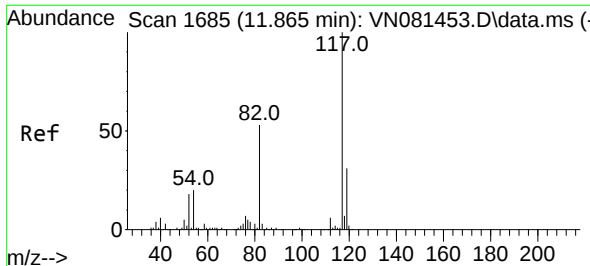


#62
4-Bromofluorobenzene
Concen: 52.538 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25



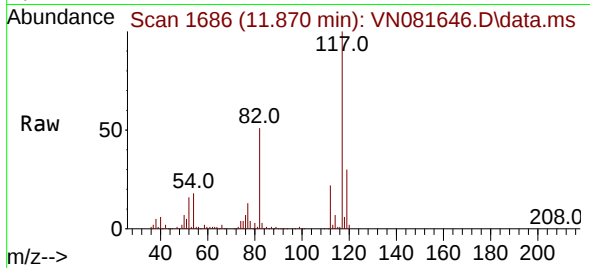
Tgt Ion: 95 Resp: 250851
Ion Ratio Lower Upper
95 100
174 76.6 0.0 120.4
176 74.7 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

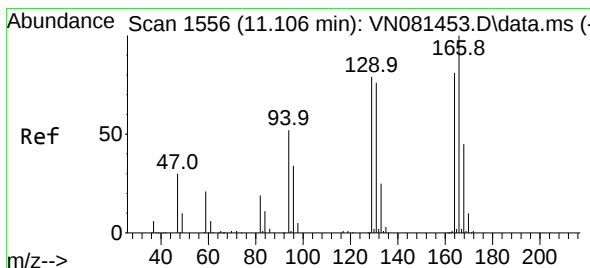
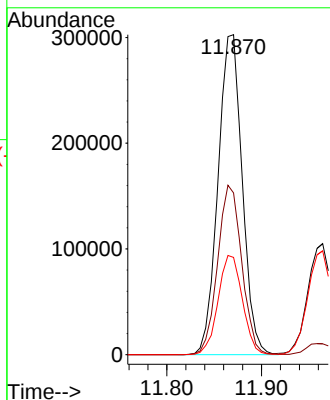
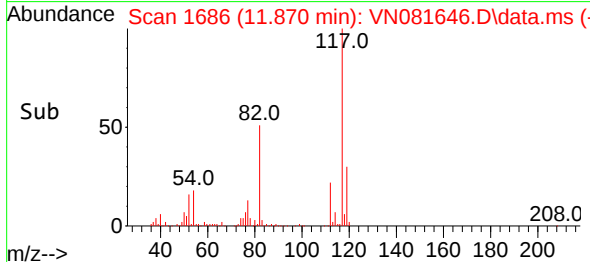
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 538082
Ion Ratio Lower Upper
117 100
82 50.5 52.7 79.1
119 30.4 25.3 37.9

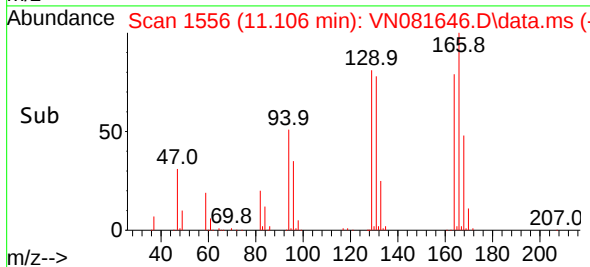
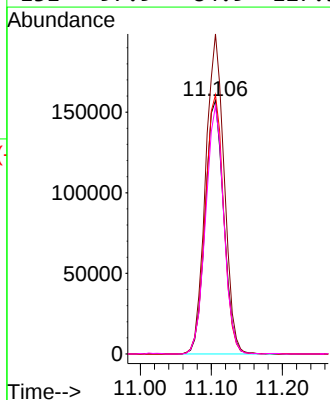
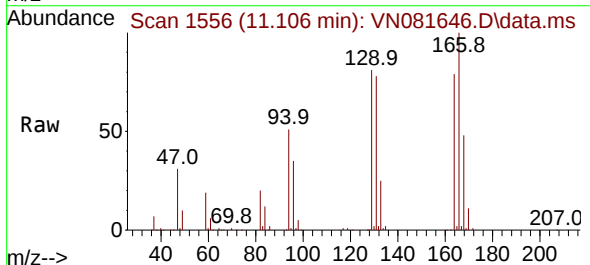
Manual Integrations
APPROVED

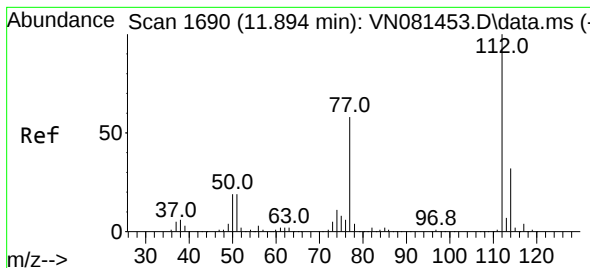
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#64
Tetrachloroethene
Concen: 55.377 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

Tgt Ion:164 Resp: 284824
Ion Ratio Lower Upper
164 100
166 126.3 105.8 158.6
129 102.3 89.6 134.4
131 97.9 84.9 127.3





#65

Chlorobenzene

Concen: 54.419 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081646.D

Acq: 01 Apr 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 692219

Ion Ratio Lower Upper

112 100

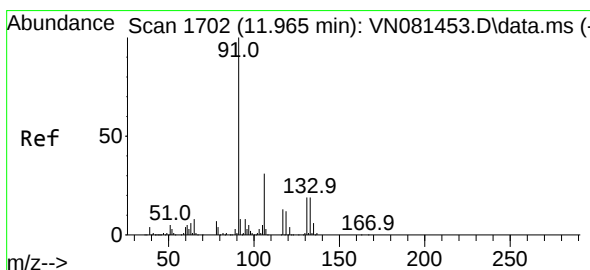
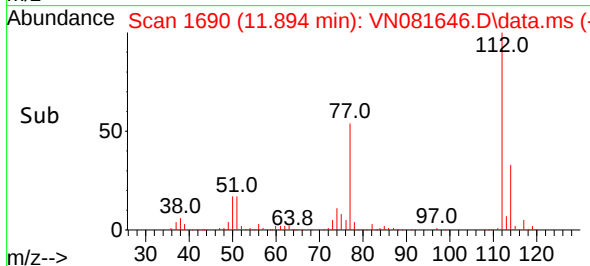
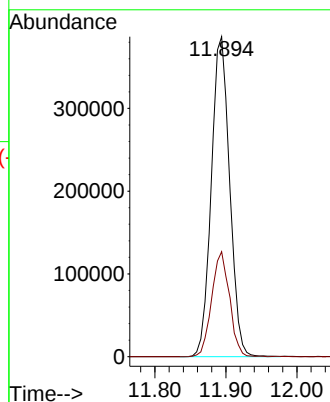
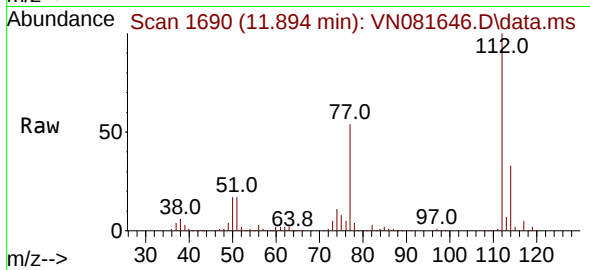
114 32.8 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 58.545 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN081646.D

Acq: 01 Apr 2024 16:25

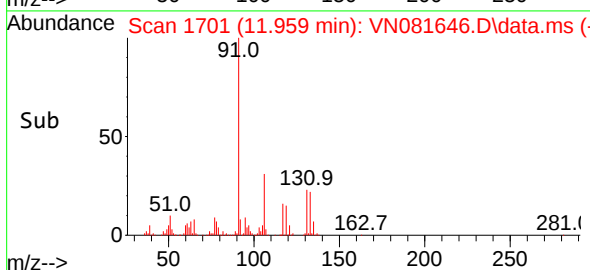
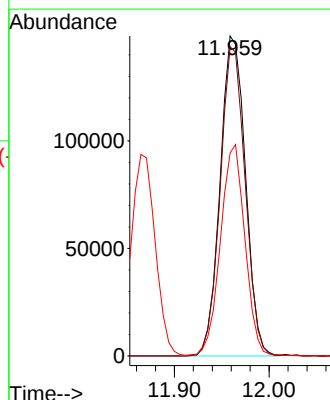
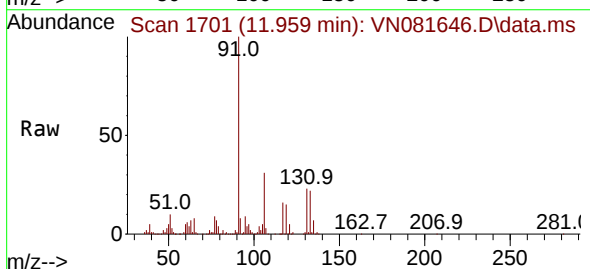
Tgt Ion:131 Resp: 276011

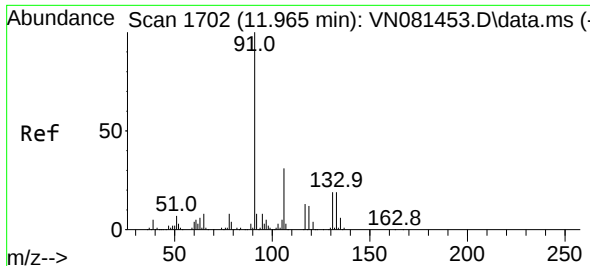
Ion Ratio Lower Upper

131 100

133 95.5 46.8 140.3

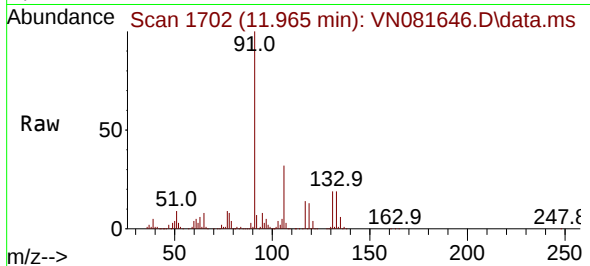
119 64.1 34.6 103.9





#67
Ethyl Benzene
Concen: 56.390 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

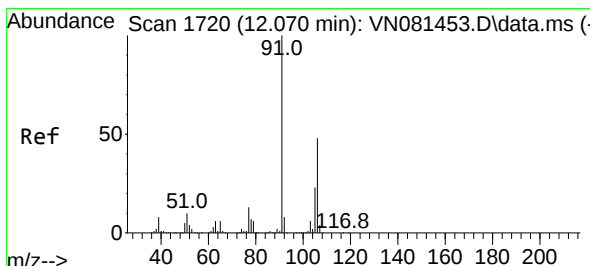
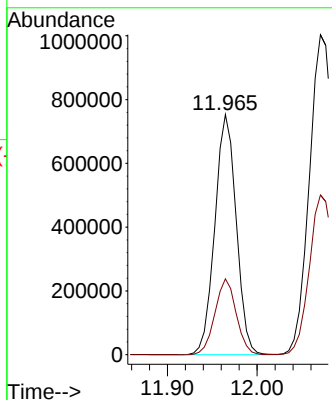
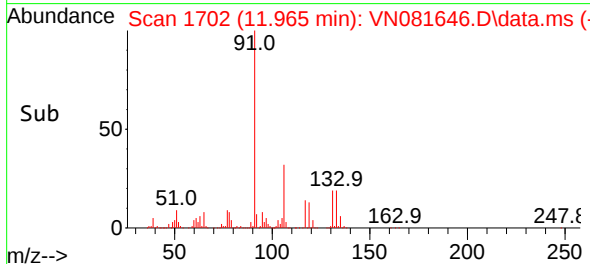
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



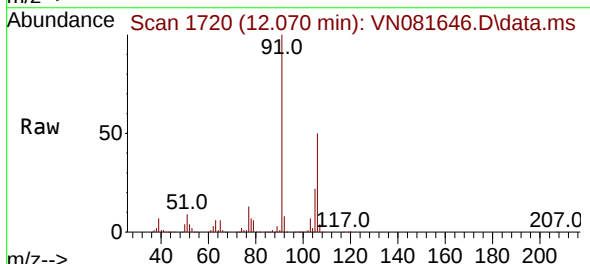
Tgt Ion: 91 Resp: 1245980
Ion Ratio Lower Upper
91 100
106 31.6 23.8 35.6

Manual Integrations
APPROVED

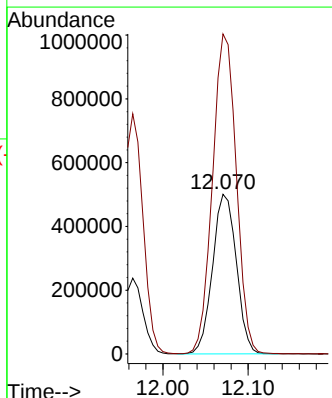
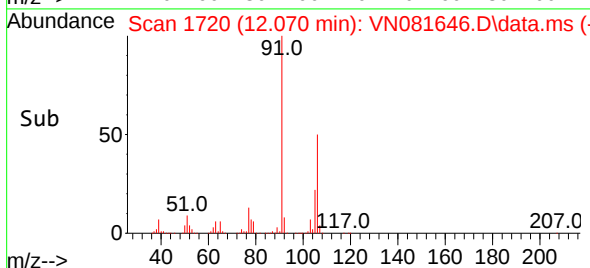
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

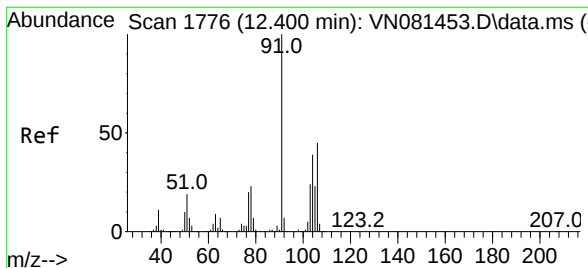


#68
m/p-Xylenes
Concen: 117.352 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25



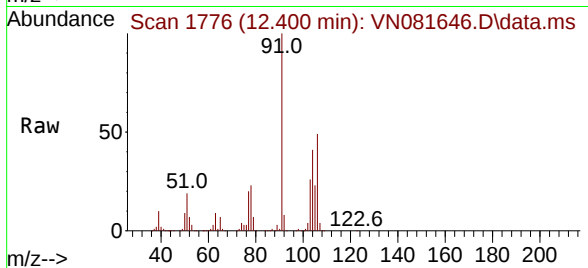
Tgt Ion:106 Resp: 972075
Ion Ratio Lower Upper
106 100
91 200.5 169.0 253.6





#69
o-Xylene
Concen: 58.504 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

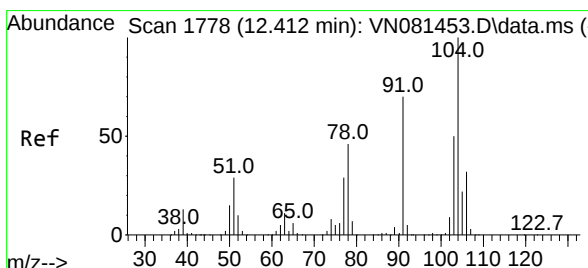
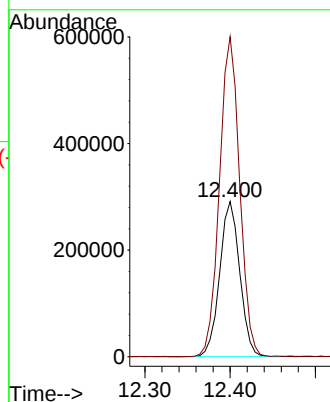
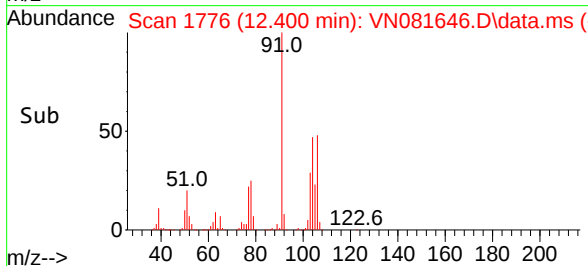
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 475754
Ion Ratio Lower Upper
106 100
91 207.7 112.1 336.3

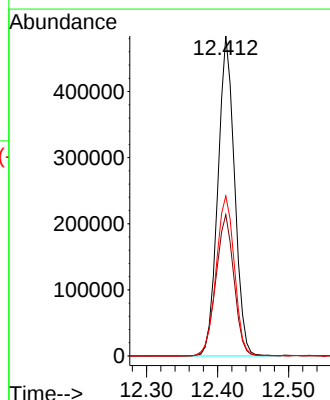
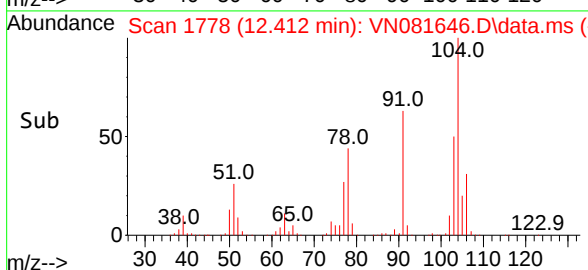
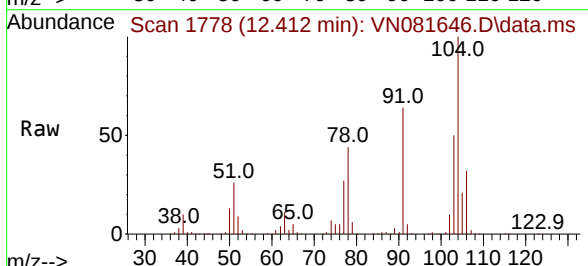
Manual Integrations
APPROVED

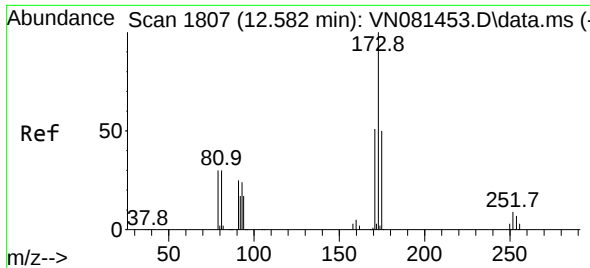
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#70
Styrene
Concen: 60.054 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

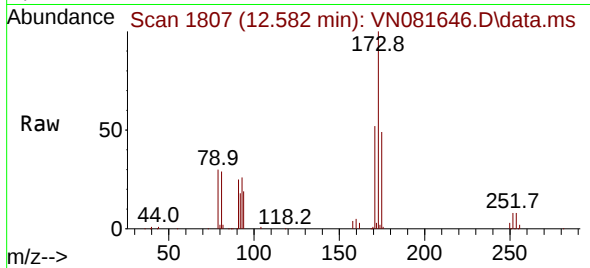
Tgt Ion:104 Resp: 787636
Ion Ratio Lower Upper
104 100
78 47.7 43.8 65.8
103 54.6 44.2 66.2





#71
Bromoform
Concen: 54.276 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

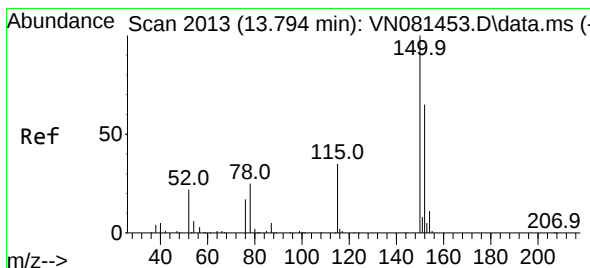
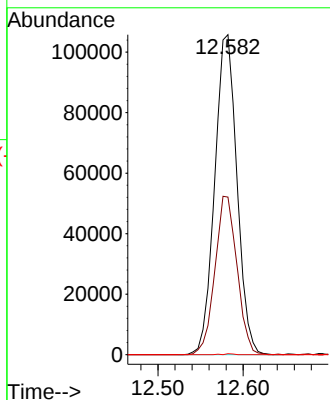
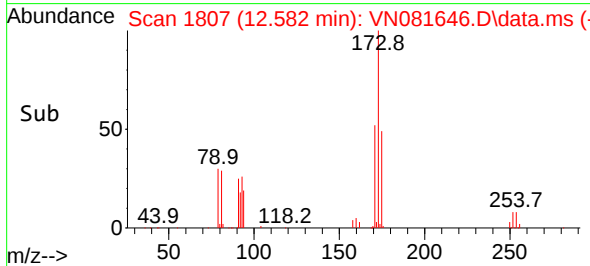
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



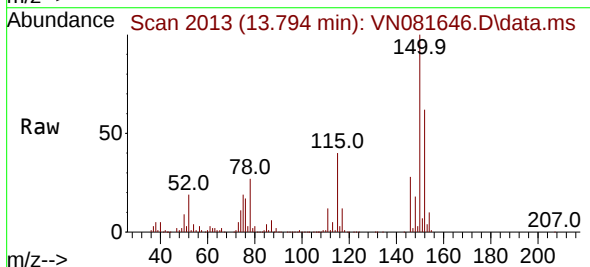
Tgt Ion:173 Resp: 19228
Ion Ratio Lower Upper
173 100
175 49.1 23.1 69.2
254 0.1 0.0 0.0

Manual Integrations
APPROVED

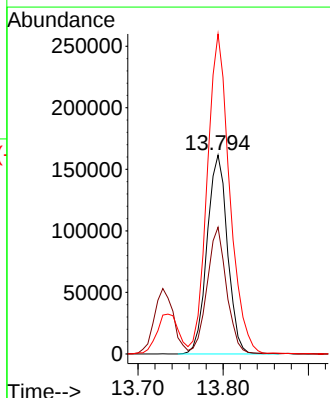
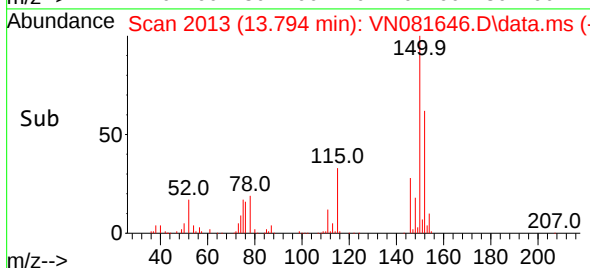
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

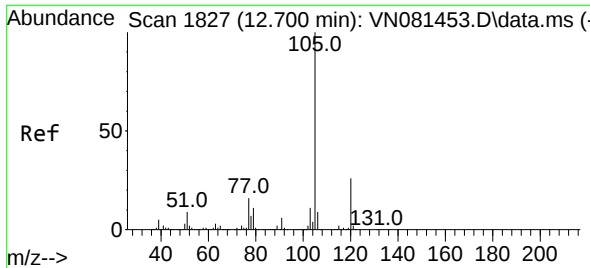


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25



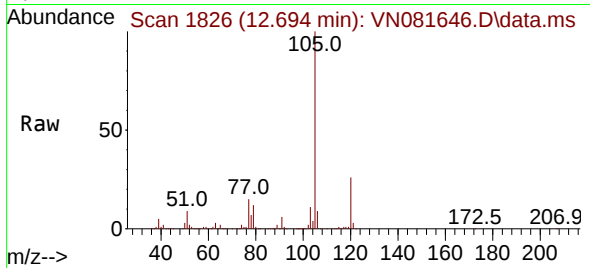
Tgt Ion:152 Resp: 269970
Ion Ratio Lower Upper
152 100
115 60.6 32.3 96.8
150 175.2 0.0 339.8





#73
Isopropylbenzene
Concen: 53.405 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

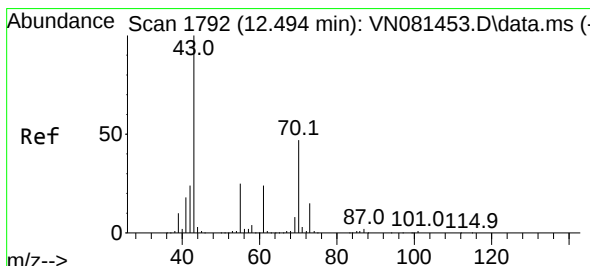
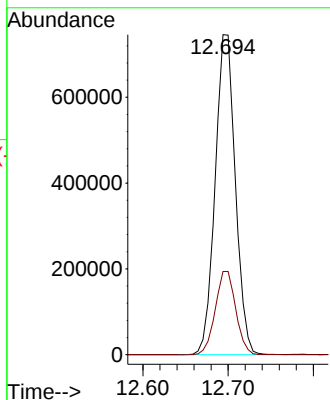
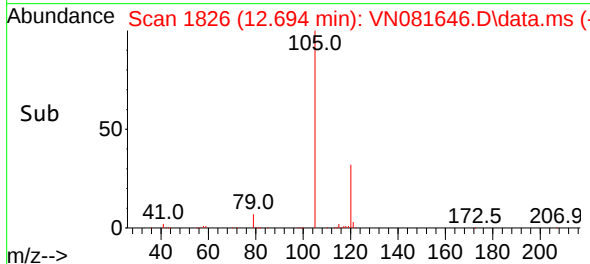
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 122898
Ion Ratio Lower Upper
105 100
120 26.4 12.6 37.6

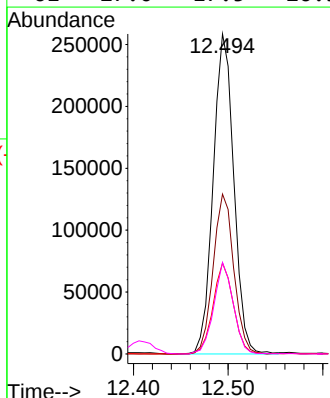
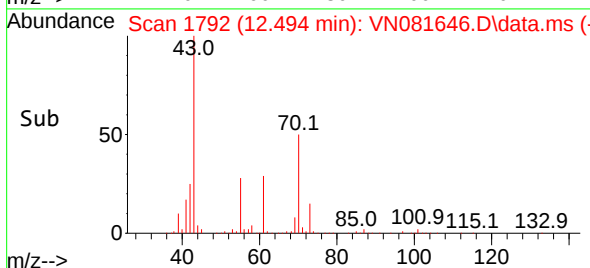
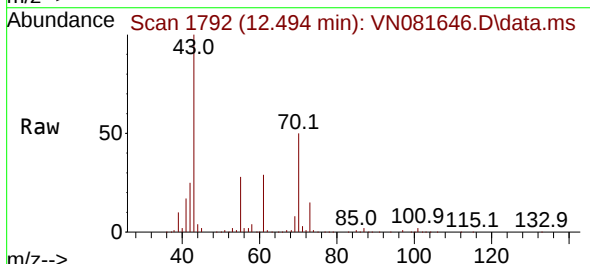
Manual Integrations
APPROVED

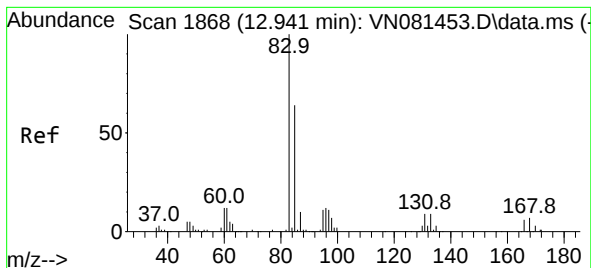
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#74
N-ethyl acetate
Concen: 46.992 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

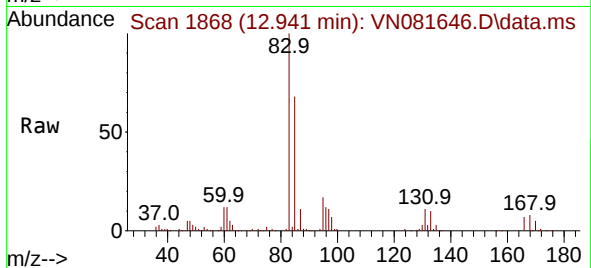
Tgt Ion: 43 Resp: 391348
Ion Ratio Lower Upper
43 100
70 49.9 30.1 45.1#
55 28.1 17.0 25.4#
61 27.0 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 47.827 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

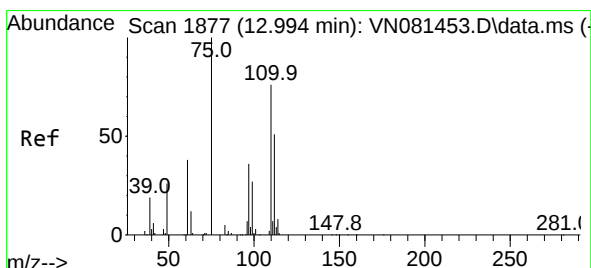
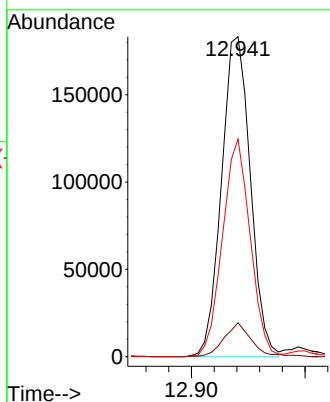
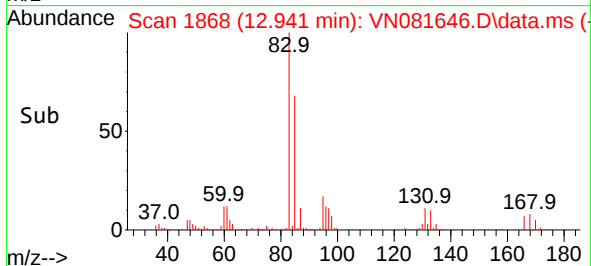
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 32360
Ion Ratio Lower Upper
83 100
131 10.1 4.1 12.3
85 65.4 32.1 96.3

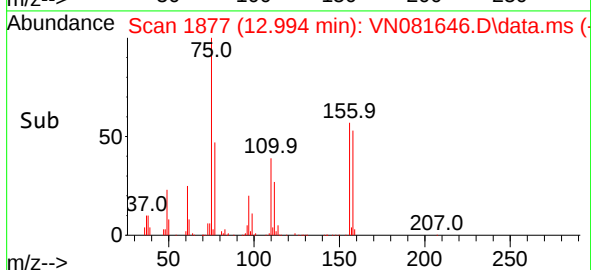
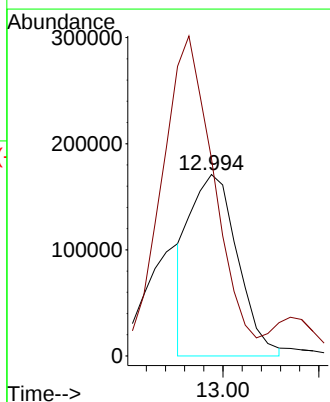
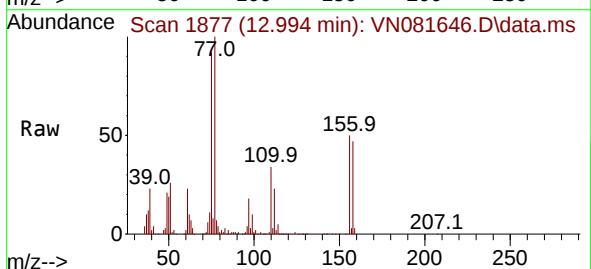
Manual Integrations
APPROVED

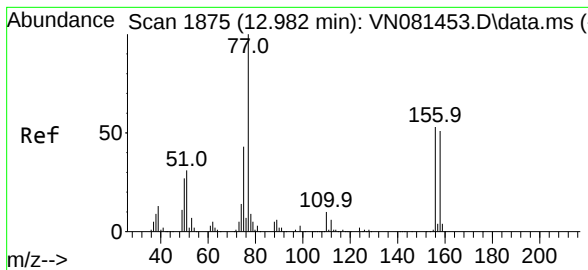
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#76
1,2,3-Trichloropropane
Concen: 45.717 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

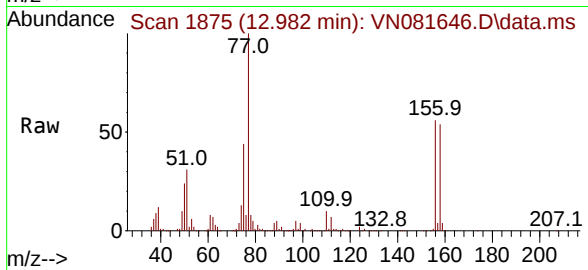
Tgt Ion: 75 Resp: 295234
Ion Ratio Lower Upper
75 100
77 195.7 91.0 272.8





#77
Bromobenzene
Concen: 50.448 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

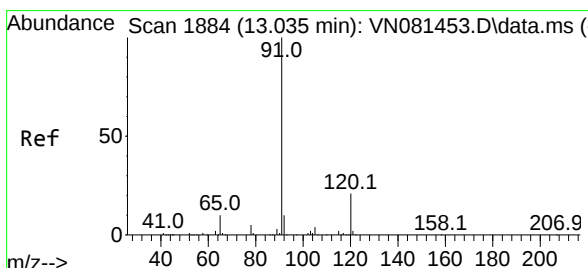
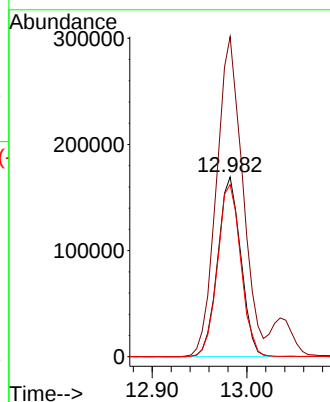
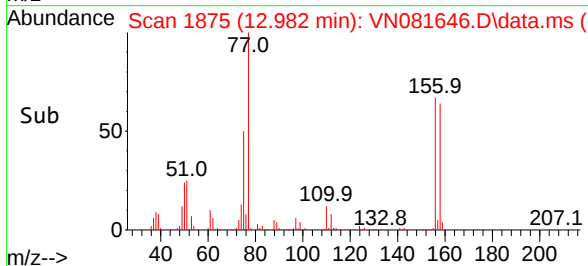
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 28678
Ion Ratio Lower Upper
156 100
77 201.5 138.1 414.3
158 97.0 46.5 139.5

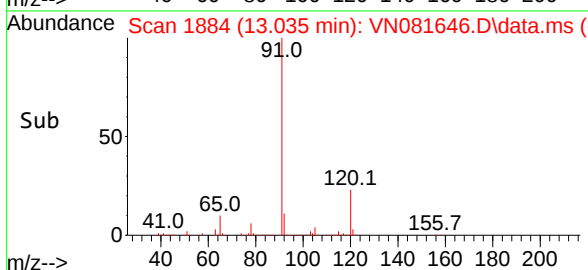
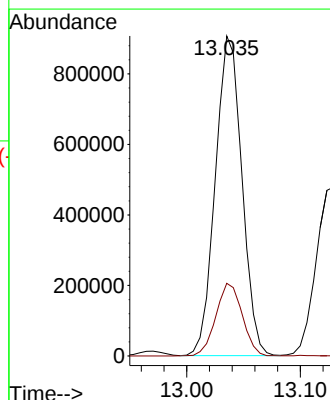
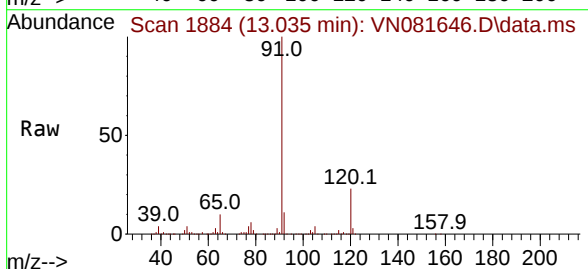
Manual Integrations
APPROVED

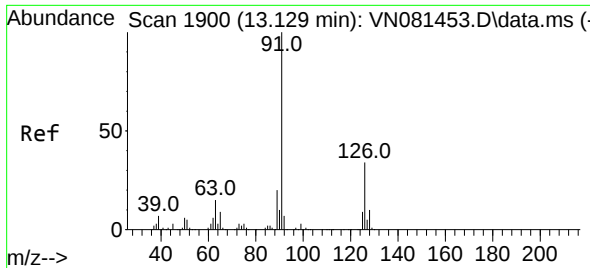
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#78
n-propylbenzene
Concen: 54.272 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

Tgt Ion: 91 Resp: 1474930
Ion Ratio Lower Upper
91 100
120 22.6 10.3 30.9





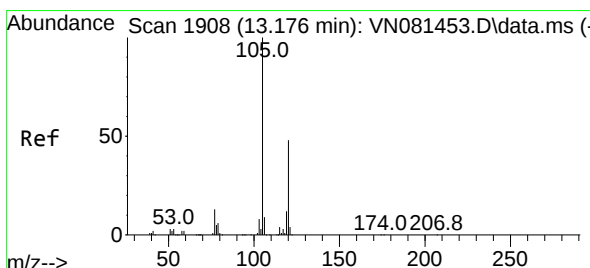
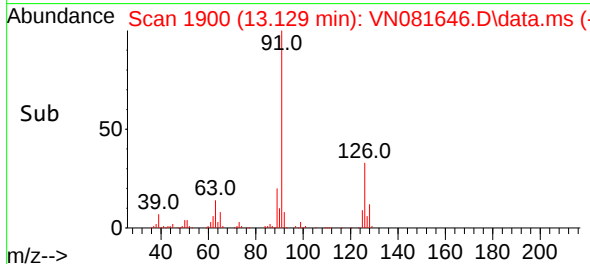
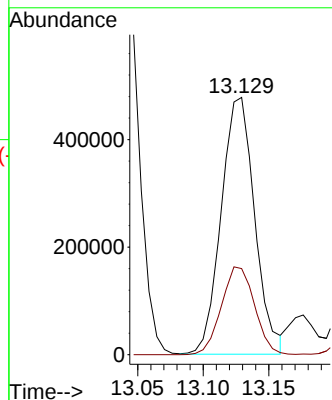
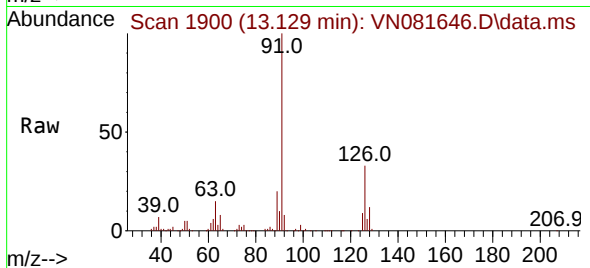
#79
2-Chlorotoluene
Concen: 52.175 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 848652
Ion Ratio Lower Upper
91 100
126 33.8 14.8 44.4

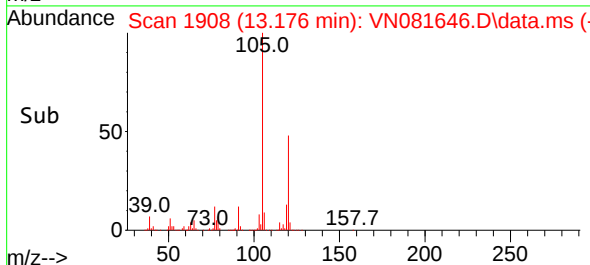
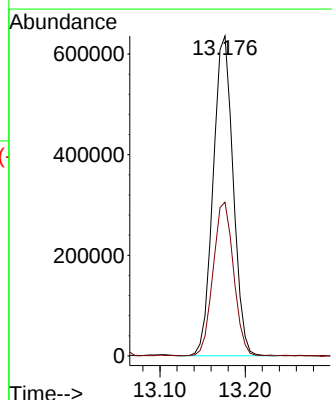
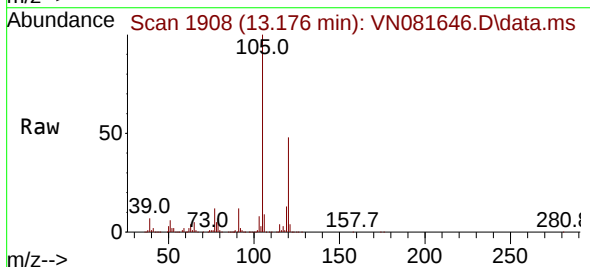
Manual Integrations
APPROVED

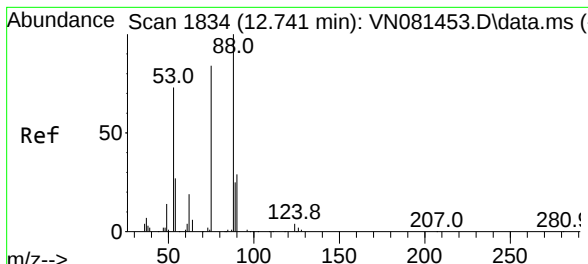
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#80
1,3,5-Trimethylbenzene
Concen: 54.547 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

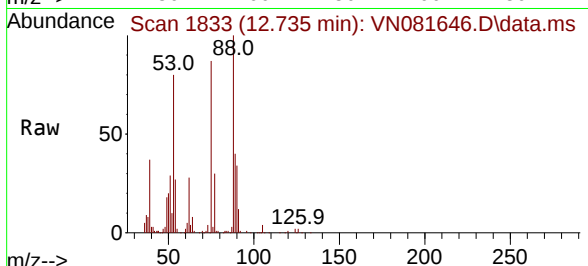
Tgt Ion:105 Resp: 1036794
Ion Ratio Lower Upper
105 100
120 49.1 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 49.758 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

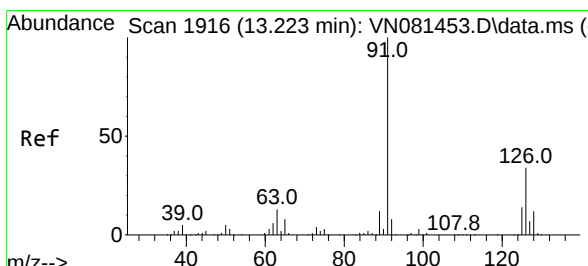
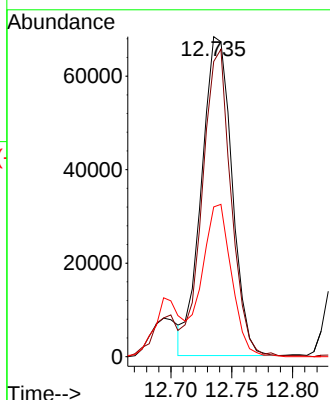
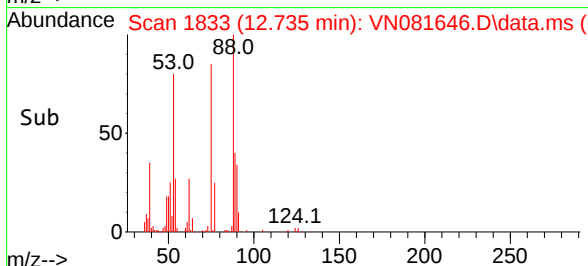
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



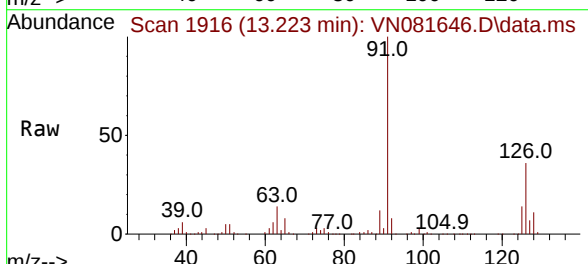
Tgt Ion: 75 Resp: 118907
Ion Ratio Lower Upper
75 100
53 91.6 71.4 107.2
89 46.3 33.4 50.0

Manual Integrations
APPROVED

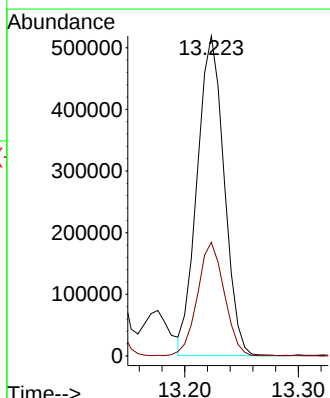
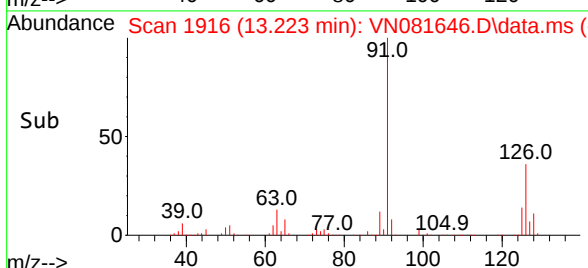
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

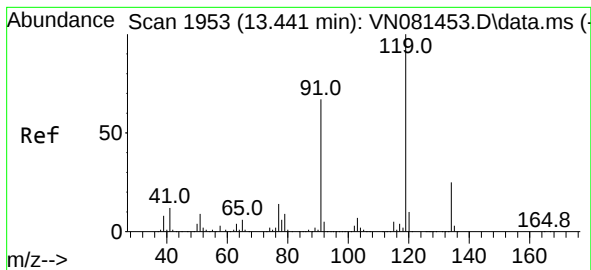


#82
4-Chlorotoluene
Concen: 53.334 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25



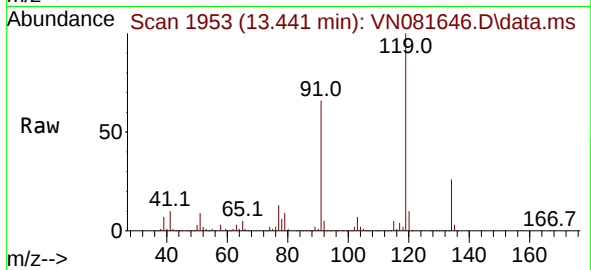
Tgt Ion: 91 Resp: 855277
Ion Ratio Lower Upper
91 100
126 35.4 15.3 45.9





#83
tert-Butylbenzene
Concen: 54.023 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

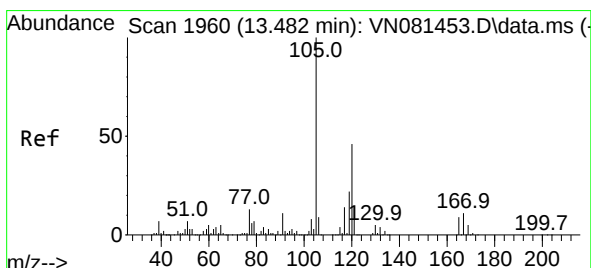
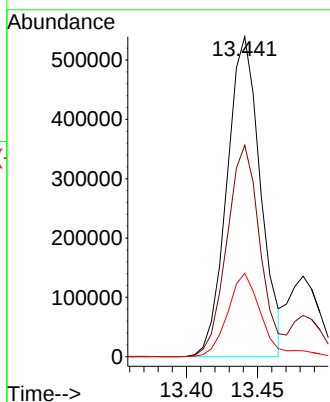
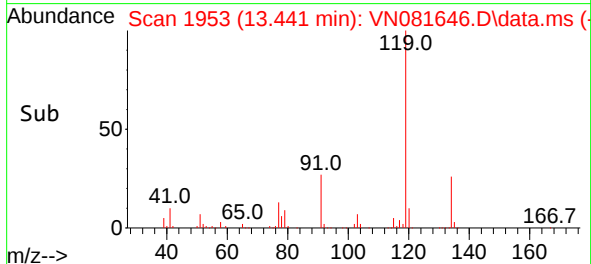
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



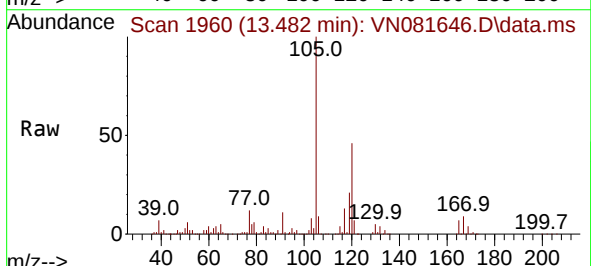
Tgt Ion:119 Resp: 885458
Ion Ratio Lower Upper
119 100
91 66.2 36.8 110.4
134 26.5 12.4 37.4

Manual Integrations
APPROVED

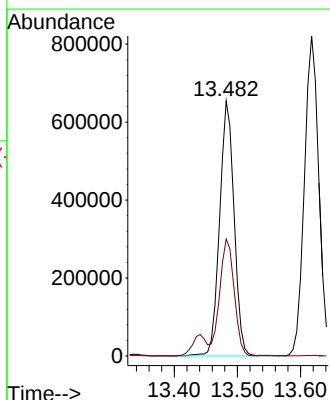
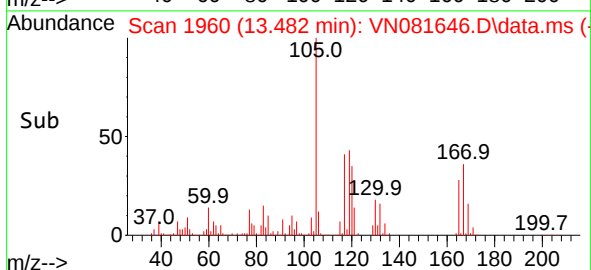
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

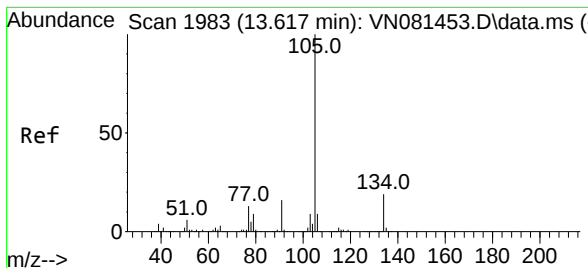


#84
1,2,4-Trimethylbenzene
Concen: 54.499 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25



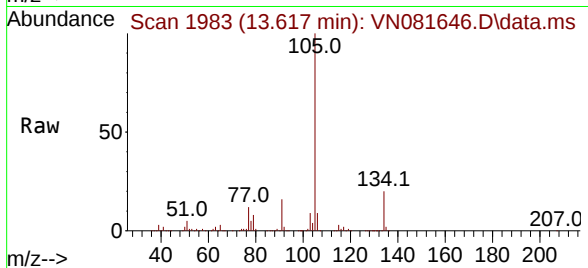
Tgt Ion:105 Resp: 1041125
Ion Ratio Lower Upper
105 100
120 46.1 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 55.555 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081646.D
 Acq: 01 Apr 2024 16:25

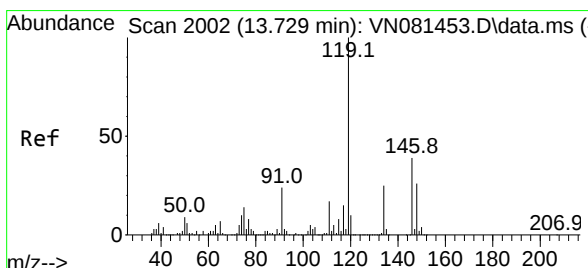
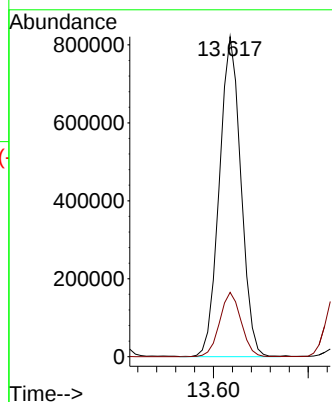
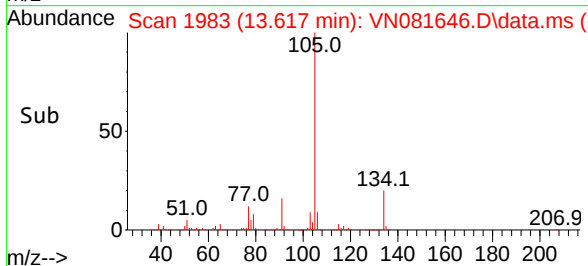
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



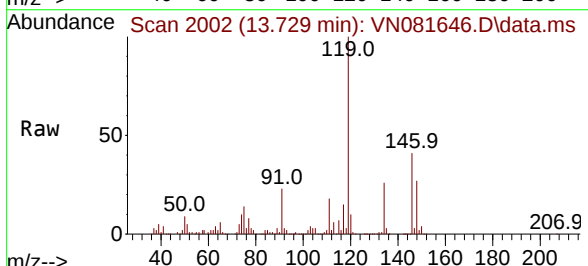
Tgt Ion:105 Resp: 130171
 Ion Ratio Lower Upper
 105 100
 134 19.9 8.6 25.8

Manual Integrations
 APPROVED

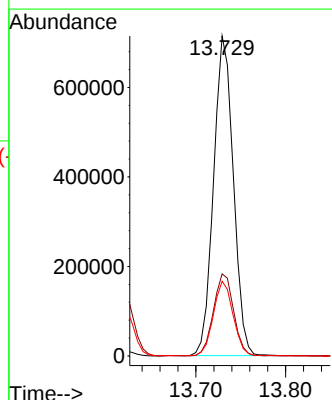
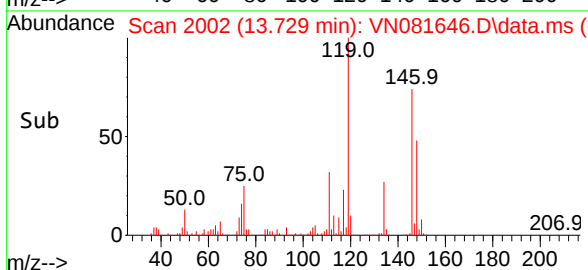
Reviewed By :John Carlone 04/02/2024
 Supervised By :Mahesh Dadoda 04/02/2024

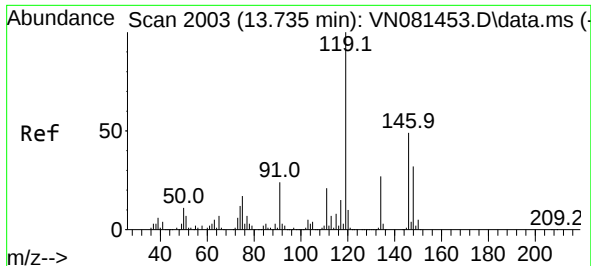


#86
 p-Isopropyltoluene
 Concen: 57.102 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081646.D
 Acq: 01 Apr 2024 16:25



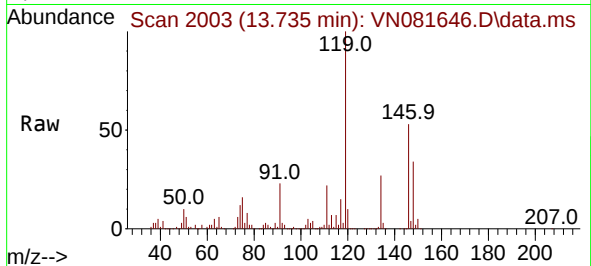
Tgt Ion:119 Resp: 1093709
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.4 37.2
 91 23.1 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 54.266 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

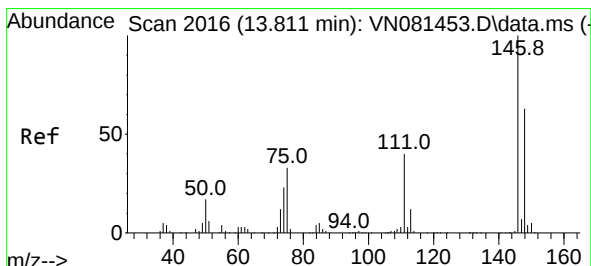
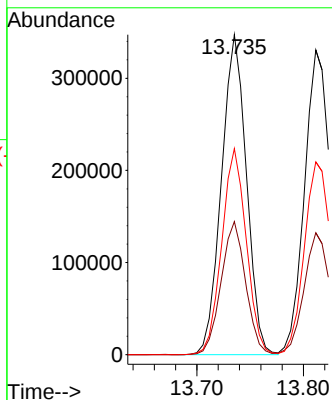
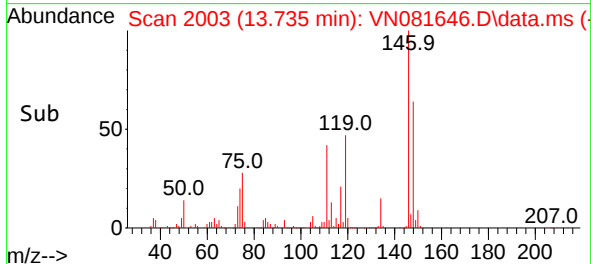
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 56678
Ion Ratio Lower Upper
146 100
111 40.8 23.9 71.7
148 63.2 32.6 97.7

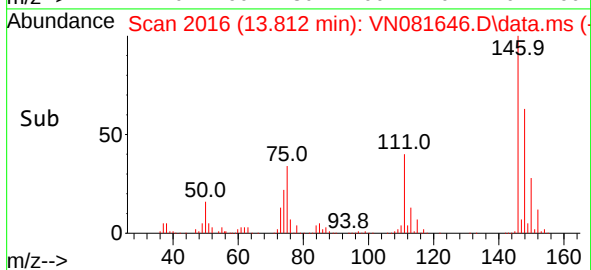
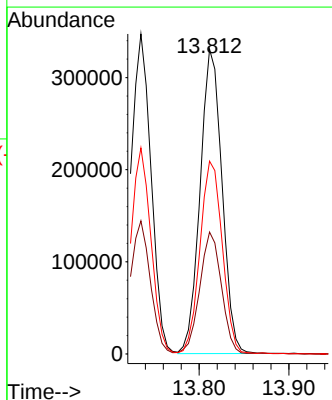
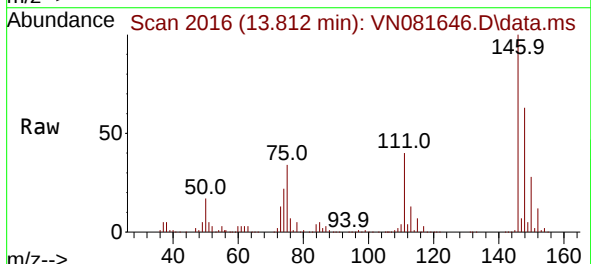
Manual Integrations
APPROVED

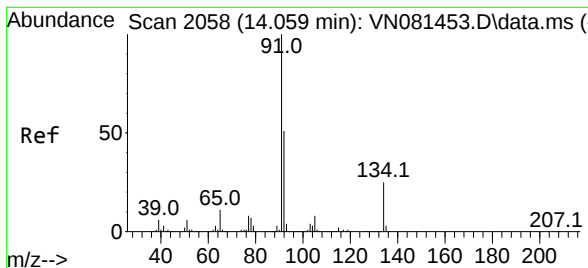
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#88
1,4-Dichlorobenzene
Concen: 51.822 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

Tgt Ion:146 Resp: 560447
Ion Ratio Lower Upper
146 100
111 39.2 22.6 67.7
148 64.3 31.9 95.5





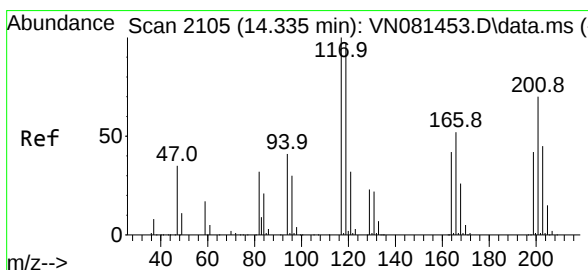
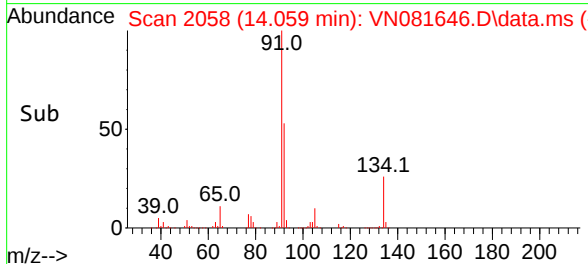
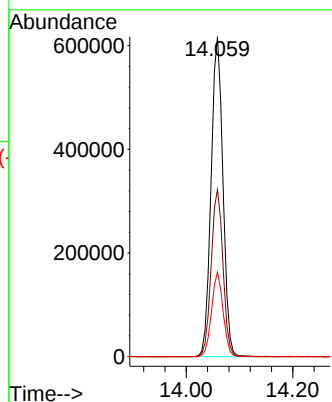
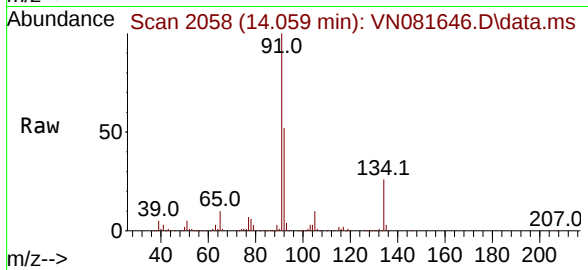
#89
n-Butylbenzene
Concen: 56.111 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 952992
Ion Ratio Lower Upper
91 100
92 52.0 26.7 80.1
134 25.7 10.8 32.4

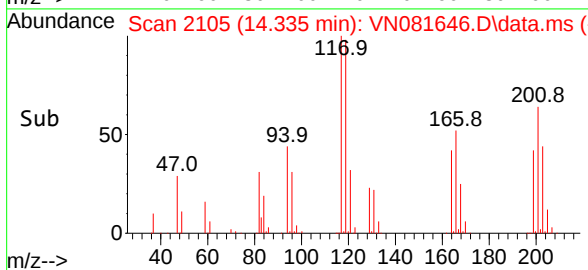
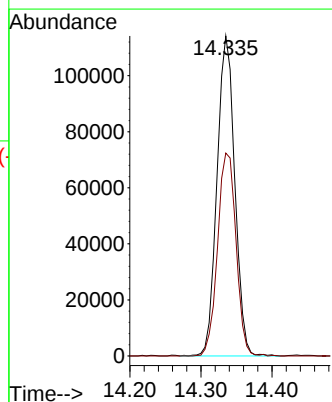
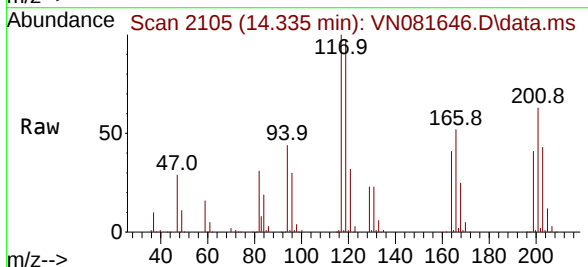
Manual Integrations
APPROVED

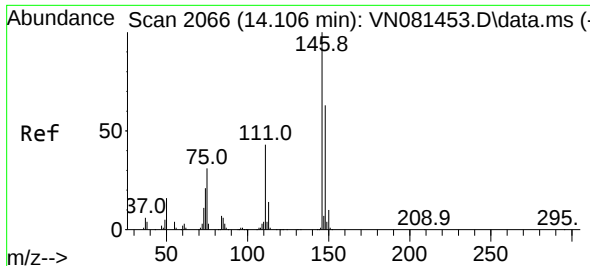
Reviewed By :John Carbone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#90
Hexachloroethane
Concen: 54.549 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

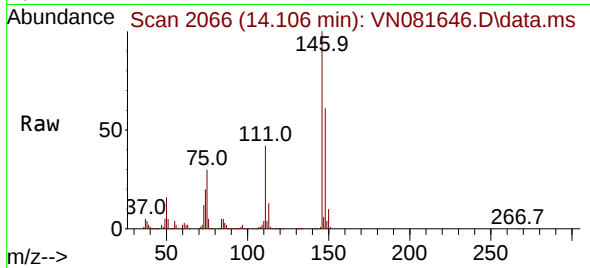
Tgt Ion:117 Resp: 197869
Ion Ratio Lower Upper
117 100
201 65.9 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 55.121 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

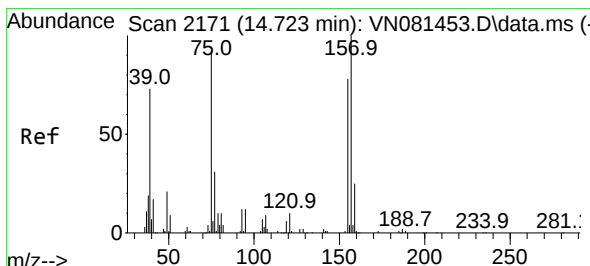
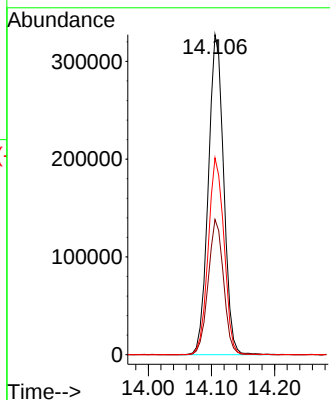
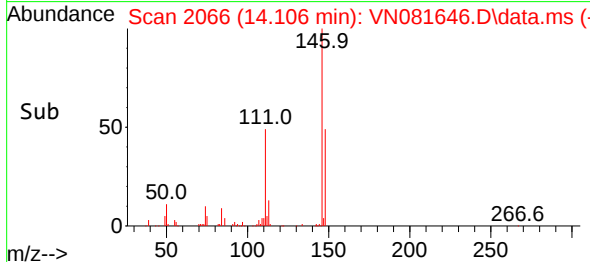
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 554118
Ion Ratio Lower Upper
146 100
111 42.2 23.9 71.8
148 63.1 31.4 94.0

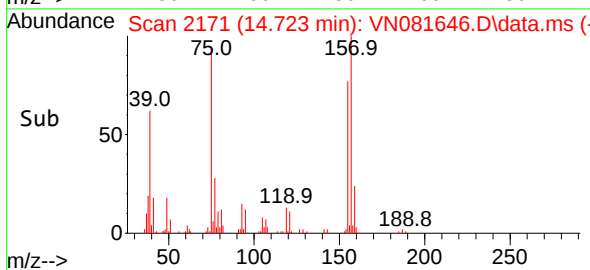
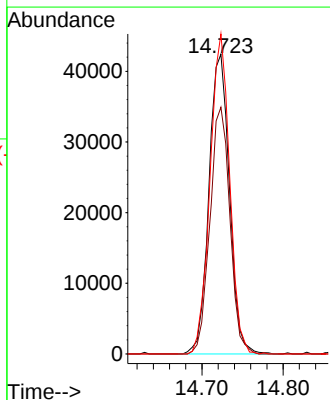
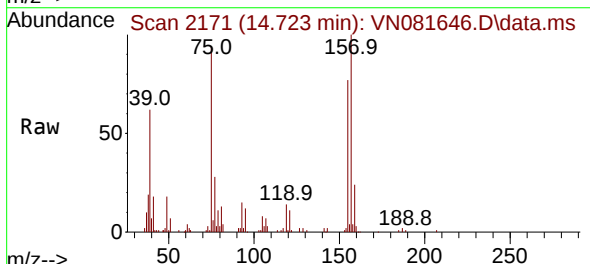
Manual Integrations
APPROVED

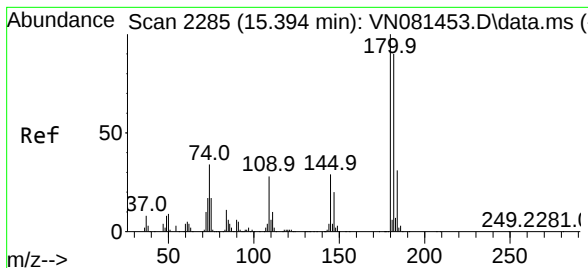
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.632 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

Tgt Ion: 75 Resp: 74346
Ion Ratio Lower Upper
75 100
155 80.2 31.8 95.4
157 102.4 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 56.408 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN081646.D

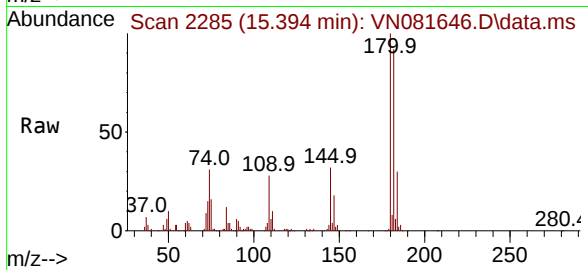
Acq: 01 Apr 2024 16:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 327878

Ion Ratio Lower Upper

180 100

182 93.8 46.6 139.7

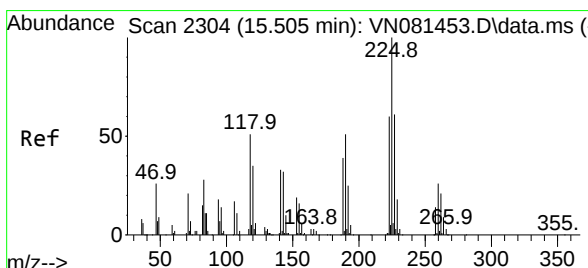
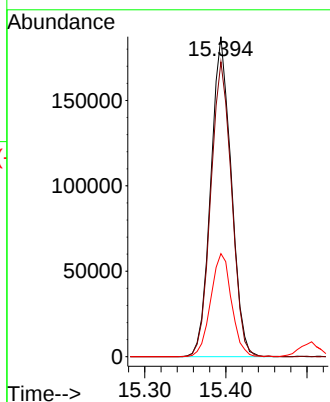
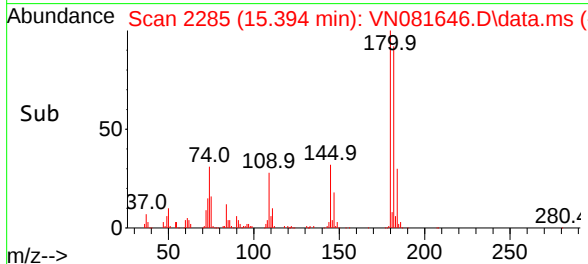
145 32.9 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#94

Hexachlorobutadiene

Concen: 51.332 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN081646.D

Acq: 01 Apr 2024 16:25

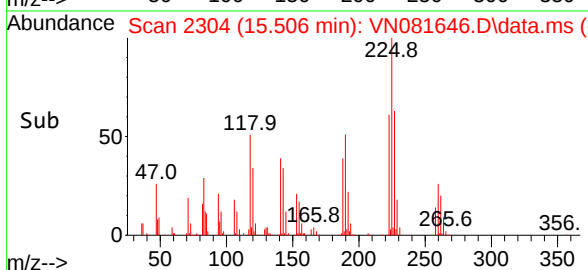
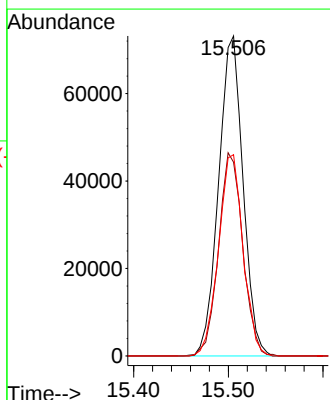
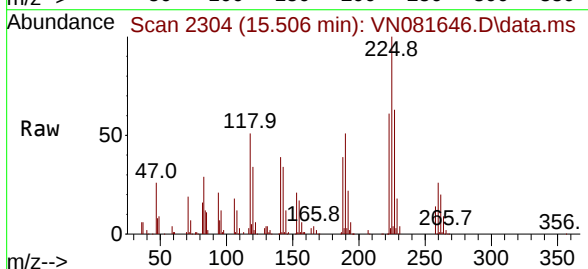
Tgt Ion:225 Resp: 130915

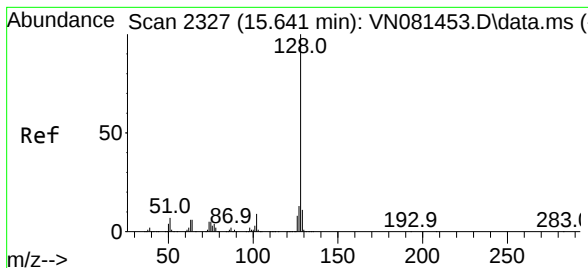
Ion Ratio Lower Upper

225 100

223 62.9 33.3 99.8

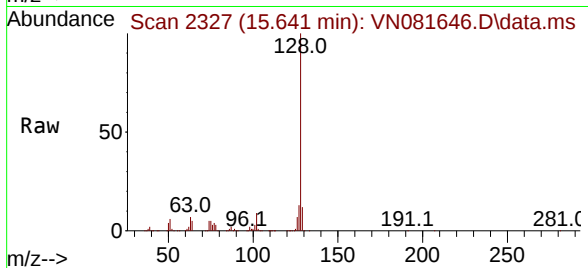
227 63.1 33.1 99.2





#95
Naphthalene
Concen: 56.574 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25

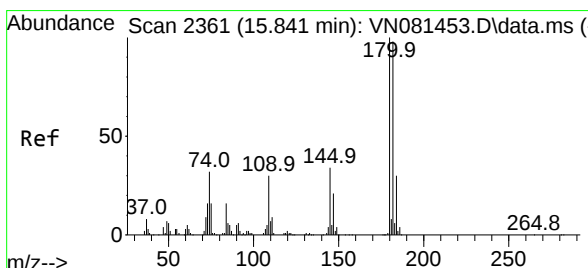
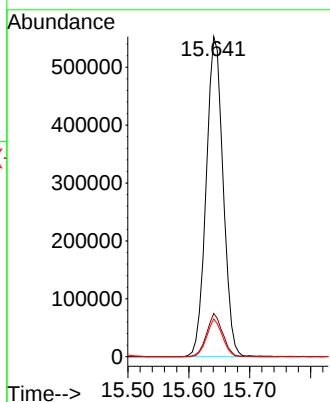
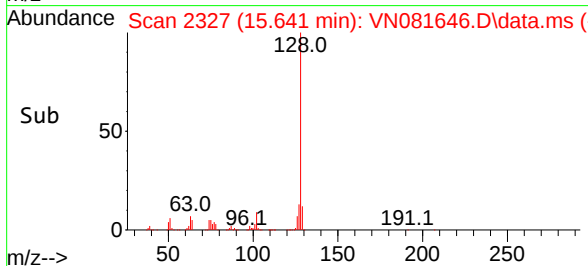
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



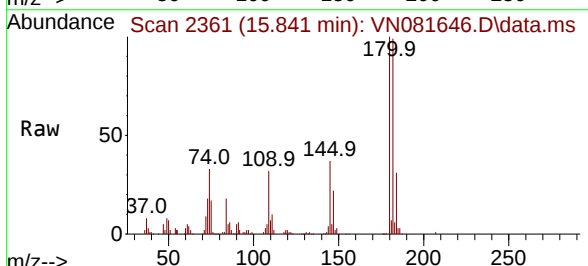
Tgt Ion:128 Resp: 1065558
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#96
1,2,3-Trichlorobenzene
Concen: 54.261 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081646.D
Acq: 01 Apr 2024 16:25



Tgt Ion:180 Resp: 317249
Ion Ratio Lower Upper
180 100
182 96.8 46.5 139.3
145 35.9 17.8 53.4

