

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081486.D
 Acq On : 20 Mar 2024 11:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2024
 Supervised By : Mahesh Dadoda 03/21/2024

Quant Time: Mar 21 01:15:33 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	432306	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	725862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	644591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	304011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	252193	45.745	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.480%		
35) Dibromofluoromethane	8.165	113	216595	47.282	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.560%		
50) Toluene-d8	10.565	98	744558	44.963	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.920%		
62) 4-Bromofluorobenzene	12.853	95	266944	45.749	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	91.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	276364	47.477	ug/l	95
3) Chloromethane	2.359	50	274915	47.435	ug/l	96
4) Vinyl Chloride	2.518	62	449214	69.065	ug/l	94
5) Bromomethane	2.959	94	223981	48.692	ug/l	91
6) Chloroethane	3.124	64	203880	45.653	ug/l	98
7) Trichlorofluoromethane	3.506	101	488209	50.364	ug/l	93
8) Diethyl Ether	3.959	74	186874	58.251	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.371	101	279480	50.741	ug/l	# 88
10) Methyl Iodide	4.589	142	324539	59.168	ug/l	96
11) Tert butyl alcohol	5.512	59	236768	246.441	ug/l	100
12) 1,1-Dichloroethene	4.341	96	261393	51.234	ug/l	87
13) Acrolein	4.177	56	255824	296.744	ug/l	99
14) Allyl chloride	5.024	41	352413	55.125	ug/l	# 84
15) Acrylonitrile	5.712	53	632139	245.945	ug/l	97
16) Acetone	4.424	43	385255	216.231	ug/l	97
17) Carbon Disulfide	4.712	76	713118	48.708	ug/l	97
18) Methyl Acetate	5.018	43	292602	53.269	ug/l	# 87
19) Methyl tert-butyl Ether	5.794	73	930474	58.275	ug/l	94
20) Methylene Chloride	5.277	84	301485	51.657	ug/l	87
21) trans-1,2-Dichloroethene	5.783	96	292484	51.416	ug/l	92
22) Diisopropyl ether	6.665	45	869078	58.507	ug/l	# 91
23) Vinyl Acetate	6.600	43	3356368	283.867	ug/l	# 88
24) 1,1-Dichloroethane	6.565	63	527212	52.991	ug/l	96
25) 2-Butanone	7.482	43	723398	236.717	ug/l	# 89
26) 2,2-Dichloropropane	7.488	77	488371	56.595	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	345506	53.681	ug/l	87
28) Bromochloromethane	7.812	49	193012	47.629	ug/l	# 56
29) Tetrahydrofuran	7.835	42	500373	243.053	ug/l	# 77
30) Chloroform	7.965	83	572170	53.721	ug/l	99
31) Cyclohexane	8.259	56	436359	48.640	ug/l	# 72
32) 1,1,1-Trichloroethane	8.165	97	506918	52.459	ug/l	93
36) 1,1-Dichloropropene	8.371	75	409965	53.179	ug/l	96
37) Ethyl Acetate	7.559	43	325438	49.299	ug/l	# 95
38) Carbon Tetrachloride	8.359	117	446014	52.814	ug/l	97
39) Methylcyclohexane	9.600	83	490610	56.987	ug/l	# 86
40) Benzene	8.606	78	1235263	54.807	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081486.D
 Acq On : 20 Mar 2024 11:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2024
 Supervised By : Mahesh Dadoda 03/21/2024

Quant Time: Mar 21 01:15:33 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	178852	51.231	ug/l	91
42) 1,2-Dichloroethane	8.671	62	458505	57.806	ug/l	98
43) Isopropyl Acetate	8.688	43	596074	54.474	ug/l #	92
44) Trichloroethene	9.353	130	338316	53.371	ug/l	95
45) 1,2-Dichloropropane	9.623	63	310195	56.789	ug/l	96
46) Dibromomethane	9.712	93	224135	54.033	ug/l #	88
47) Bromodichloromethane	9.888	83	457915	56.461	ug/l #	94
48) Methyl methacrylate	9.682	41	271404	53.774	ug/l #	83
49) 1,4-Dioxane	9.694	88	104282	859.778	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	1686791	252.627	ug/l	91
52) Toluene	10.629	92	777894	54.302	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	498561	56.929	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	539272	57.433	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	309965	53.766	ug/l	93
56) Ethyl methacrylate	10.876	69	456107	52.812	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	529756	56.054	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1033489	284.902	ug/l #	85
59) 2-Hexanone	11.194	43	1228391	248.834	ug/l	92
60) Dibromochloromethane	11.359	129	347859	54.866	ug/l	98
61) 1,2-Dibromoethane	11.470	107	318568	54.200	ug/l	98
64) Tetrachloroethene	11.106	164	331256	53.762	ug/l	91
65) Chlorobenzene	11.894	112	834960	54.794	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	315987	55.950	ug/l	97
67) Ethyl Benzene	11.965	91	1500073	56.671	ug/l	100
68) m/p-Xylenes	12.070	106	1132723	114.150	ug/l	97
69) o-Xylene	12.400	106	559806	57.465	ug/l	95
70) Styrene	12.412	104	914909	58.232	ug/l	97
71) Bromoform	12.576	173	226459	53.360	ug/l #	95
73) Isopropylbenzene	12.694	105	1442459	55.663	ug/l	98
74) N-amyl acetate	12.494	43	527410	56.239	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	377212	49.508	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	353796m	48.651	ug/l	
77) Bromobenzene	12.982	156	333465	52.092	ug/l	71
78) n-propylbenzene	13.035	91	1701600	55.602	ug/l	96
79) 2-Chlorotoluene	13.129	91	991874	54.152	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	1204616	56.280	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	145285	53.988	ug/l	93
82) 4-Chlorotoluene	13.223	91	1005819	55.698	ug/l	95
83) tert-Butylbenzene	13.441	119	1012289	54.845	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	1204480	55.990	ug/l	95
85) sec-Butylbenzene	13.617	105	1454105	55.110	ug/l	94
86) p-Isopropyltoluene	13.729	119	1216775	56.414	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	628829	53.465	ug/l	95
88) 1,4-Dichlorobenzene	13.811	146	622055	51.078	ug/l	97
89) n-Butylbenzene	14.059	91	1073244	56.116	ug/l	97
90) Hexachloroethane	14.335	117	220038	53.868	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	619707	54.743	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	85035	52.442	ug/l	75
93) 1,2,4-Trichlorobenzene	15.394	180	391102	59.751	ug/l	99
94) Hexachlorobutadiene	15.505	225	154661	53.853	ug/l	94
95) Naphthalene	15.641	128	1241889	58.553	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	380222	57.750	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081486.D
Acq On : 20 Mar 2024 11:53
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

Quant Time: Mar 21 01:15:33 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\VN032024\
Data File : VN081486.D
Acq On : 20 Mar 2024 11:53
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024

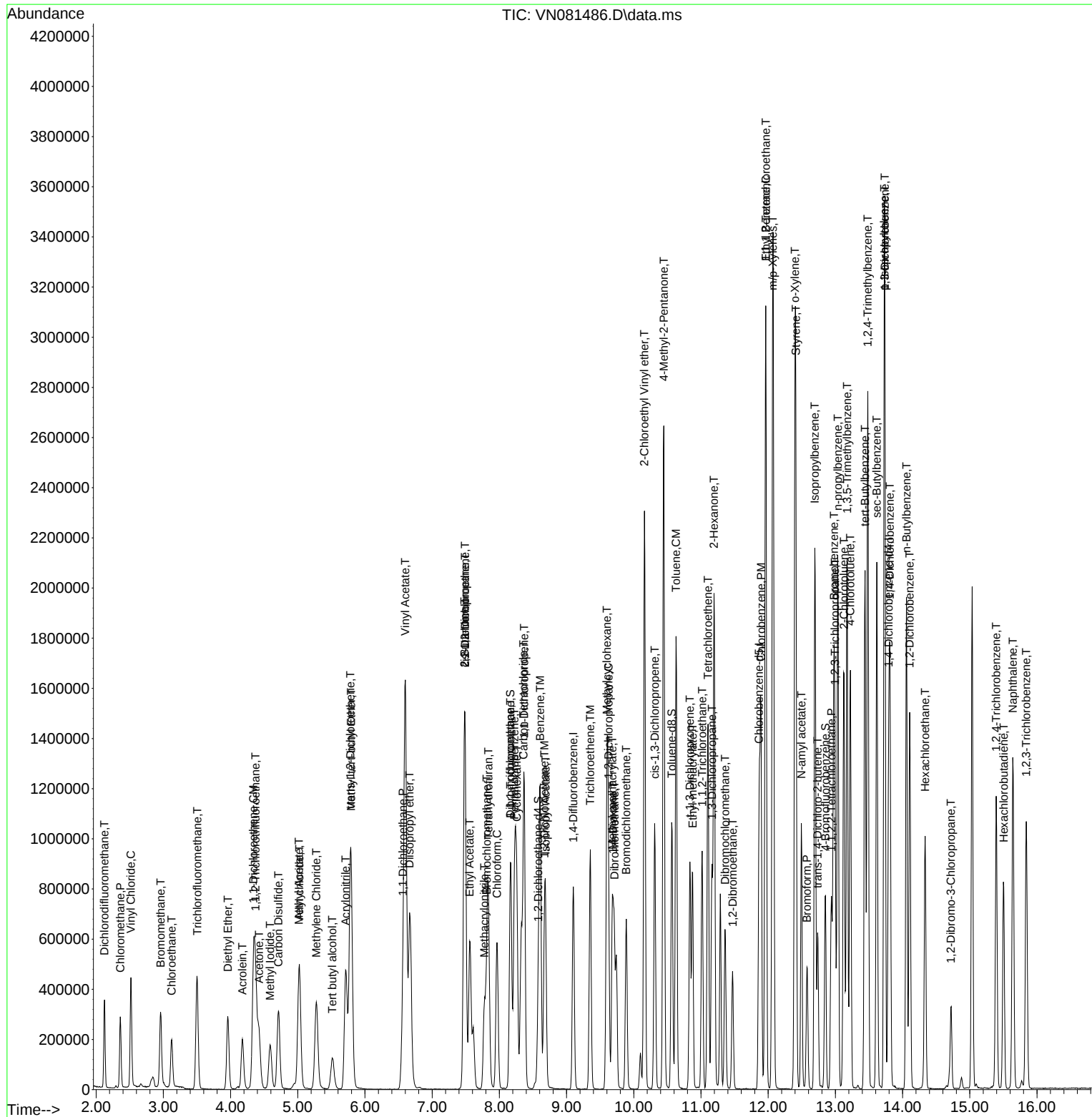
Quant Time: Mar 21 01:15:33 2024

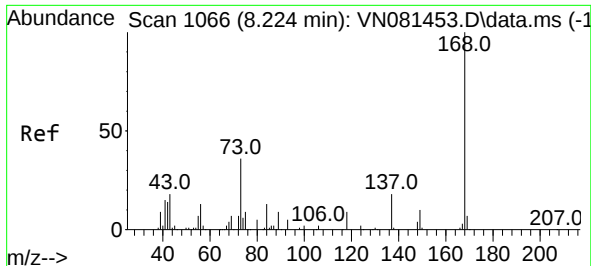
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M

Quant Title : SW846 8260

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

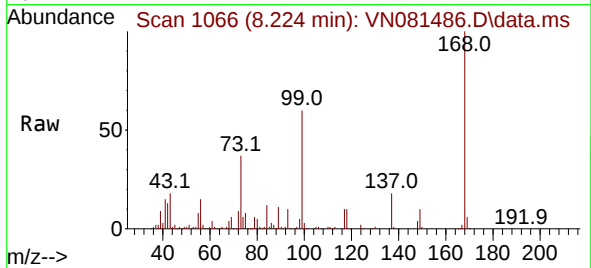
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

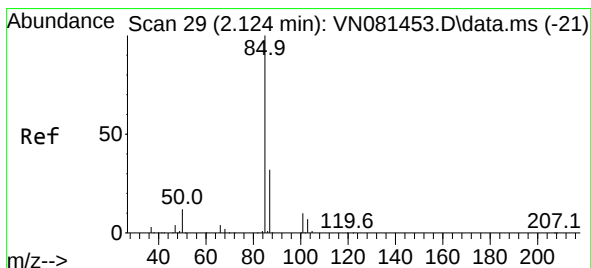
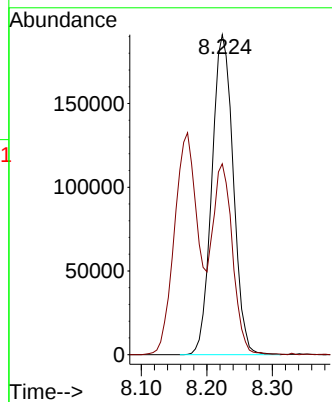
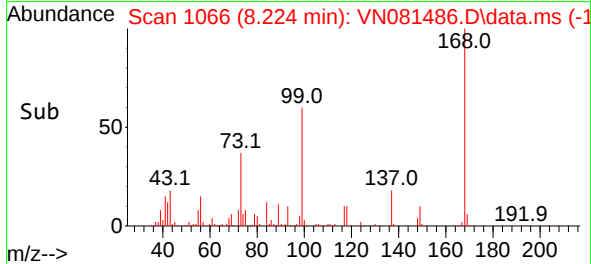
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 432300
Ion Ratio Lower Upper
168 100
99 59.4 59.9 89.9

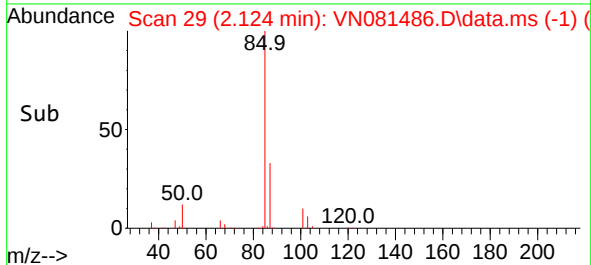
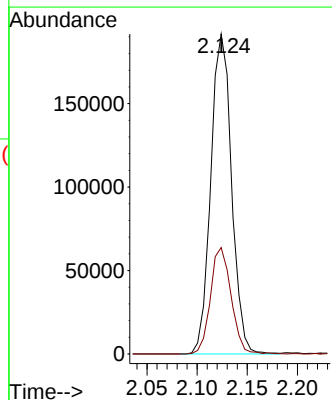
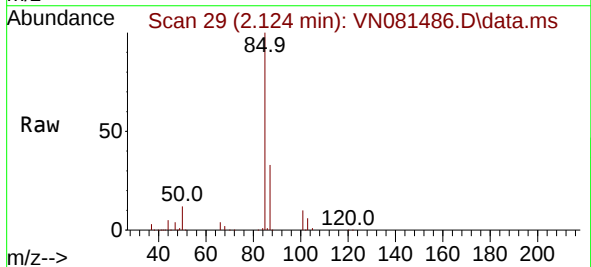
Manual Integrations
APPROVED

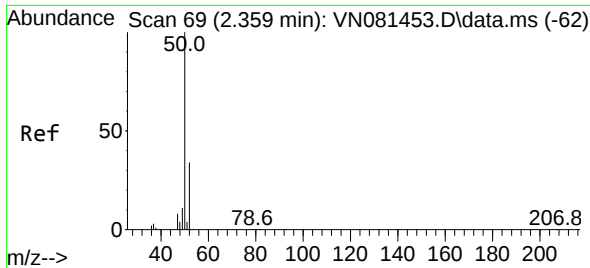
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#2
Dichlorodifluoromethane
Concen: 47.477 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

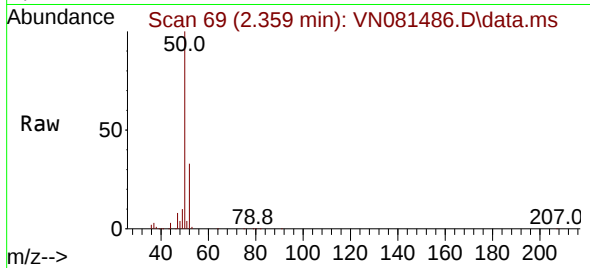
Tgt Ion: 85 Resp: 276364
Ion Ratio Lower Upper
85 100
87 33.3 15.3 45.9





#3
Chloromethane
Concen: 47.435 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

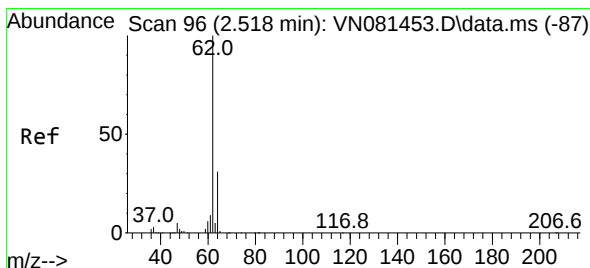
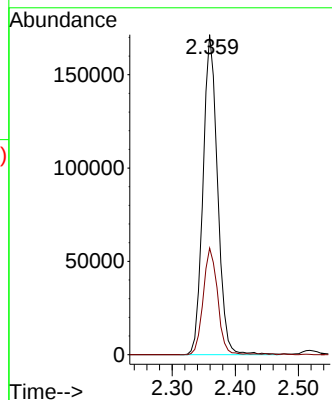
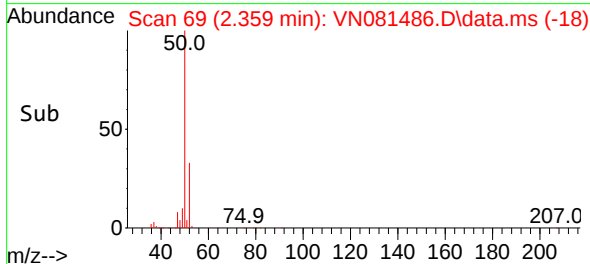
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



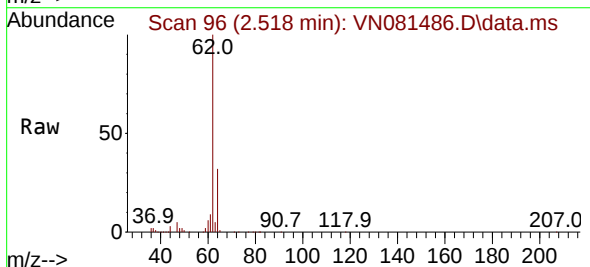
Tgt Ion: 50 Resp: 274915
Ion Ratio Lower Upper
50 100
52 33.3 25.0 37.4

Manual Integrations
APPROVED

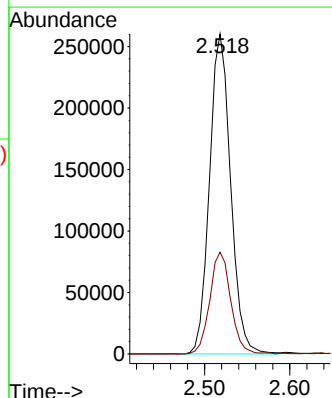
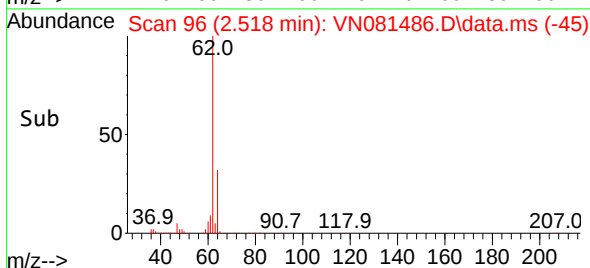
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

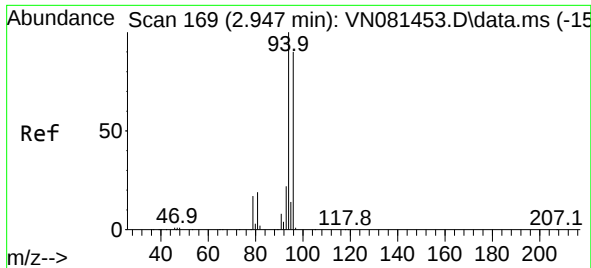


#4
Vinyl Chloride
Concen: 69.065 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53



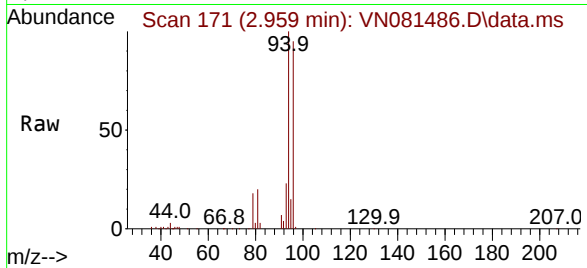
Tgt Ion: 62 Resp: 449214
Ion Ratio Lower Upper
62 100
64 31.8 22.7 34.1





#5
Bromomethane
Concen: 48.692 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

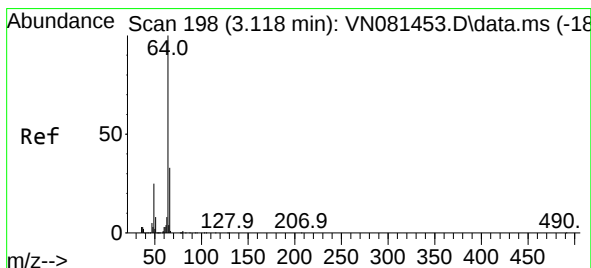
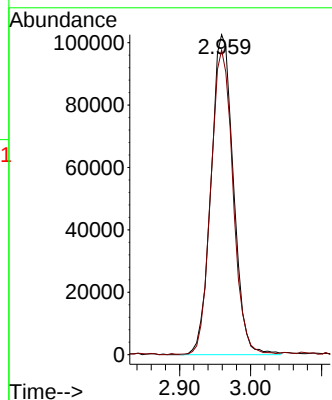
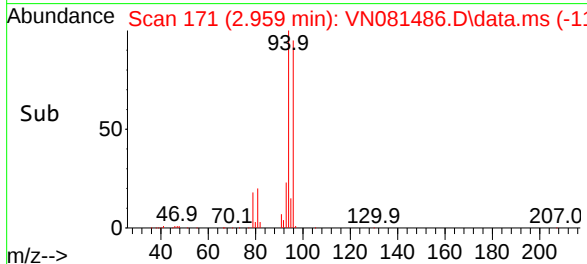
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 22398
Ion Ratio Lower Upper
94 100
96 95.0 69.2 103.8

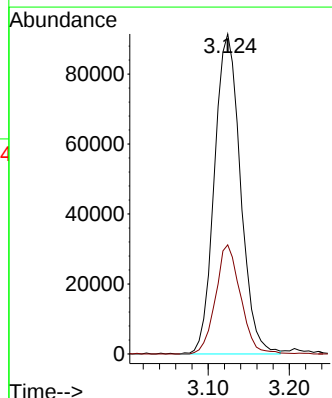
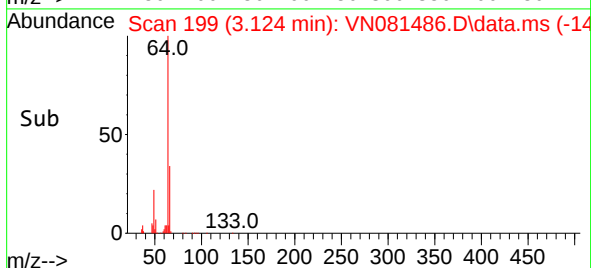
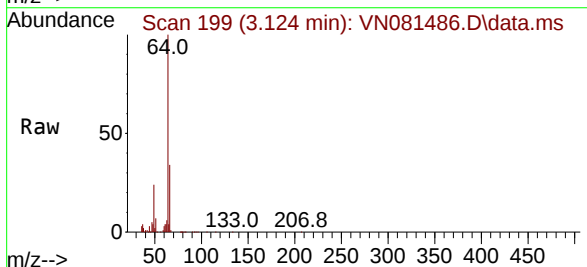
Manual Integrations
APPROVED

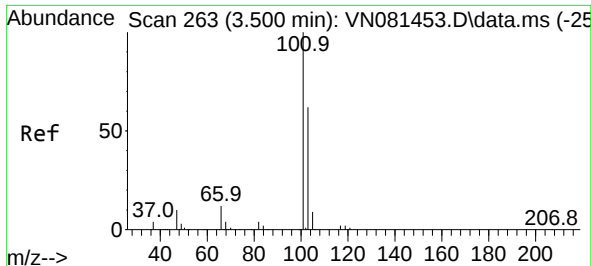
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#6
Chloroethane
Concen: 45.653 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

Tgt Ion: 64 Resp: 203880
Ion Ratio Lower Upper
64 100
66 34.1 26.4 39.6





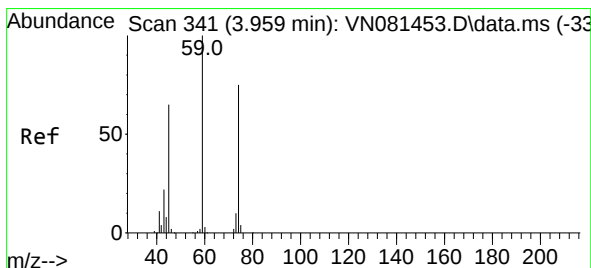
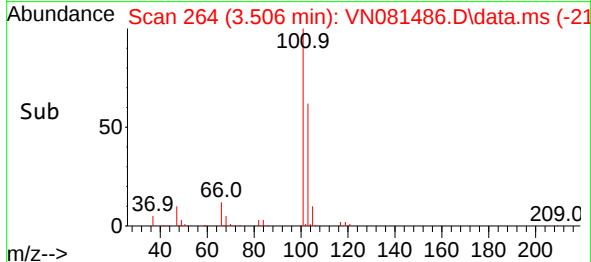
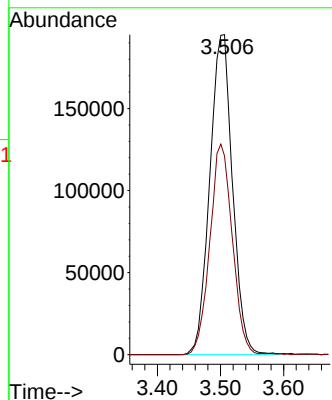
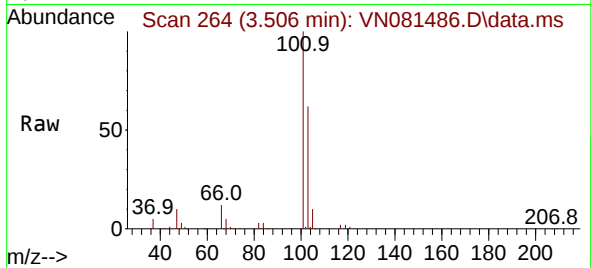
#7
Trichlorofluoromethane
Concen: 50.364 ug/l
RT: 3.506 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 488209
Ion Ratio Lower Upper
101 100
103 62.1 54.4 81.6

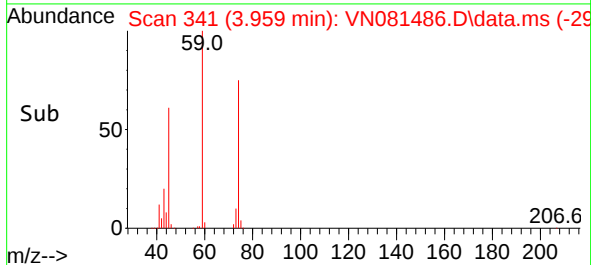
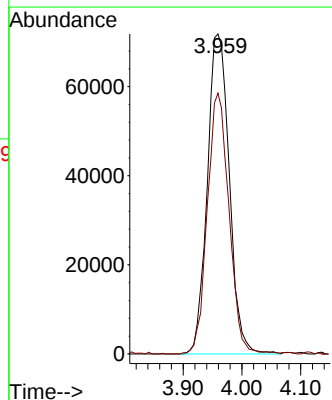
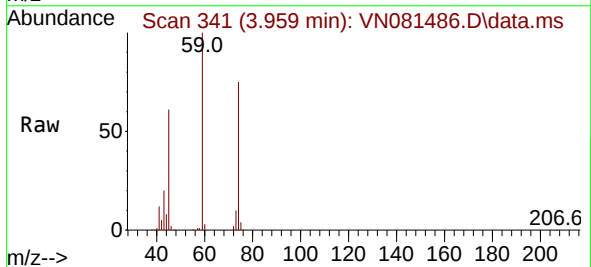
Manual Integrations
APPROVED

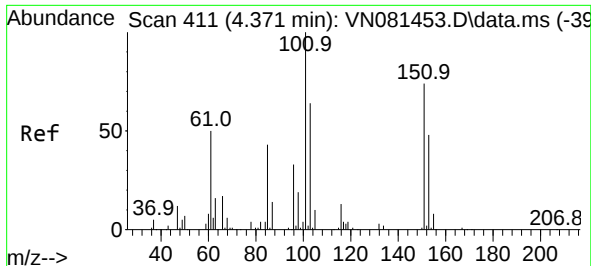
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#8
Diethyl Ether
Concen: 58.251 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

Tgt Ion: 74 Resp: 186874
Ion Ratio Lower Upper
74 100
45 80.2 53.3 159.9





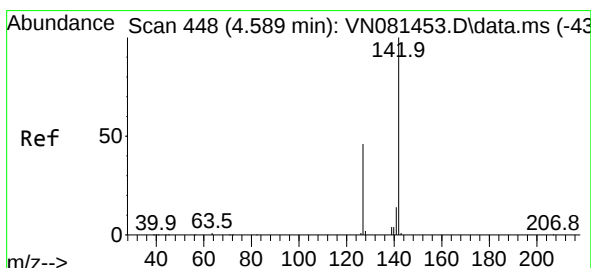
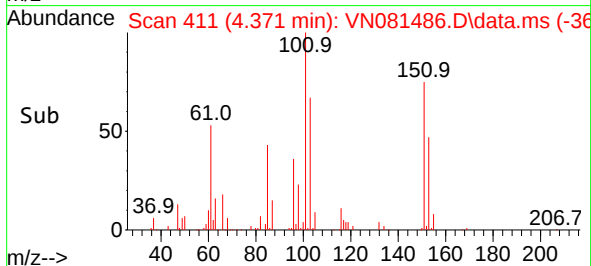
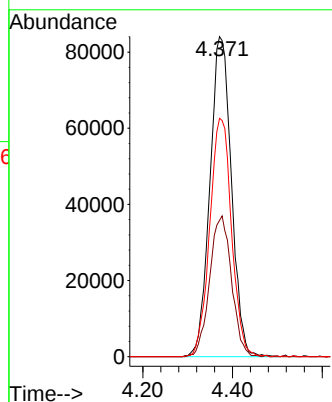
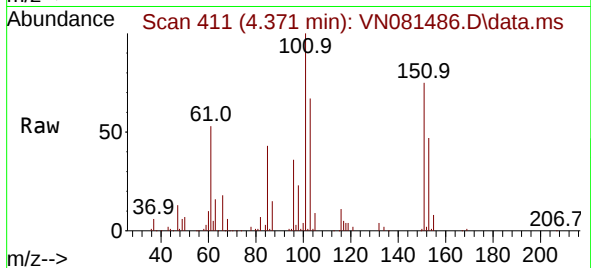
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.741 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 279480
Ion Ratio Lower Upper
101 100
85 44.8 38.1 57.1
151 75.6 49.1 73.7

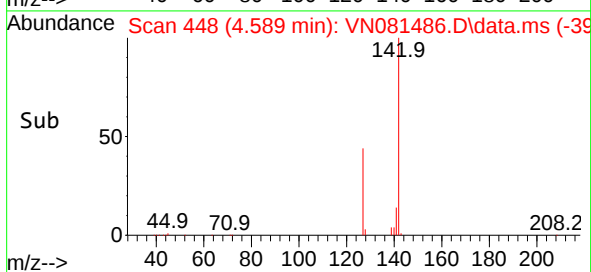
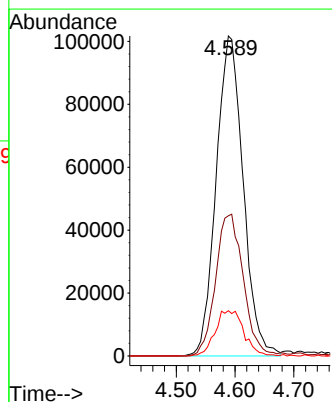
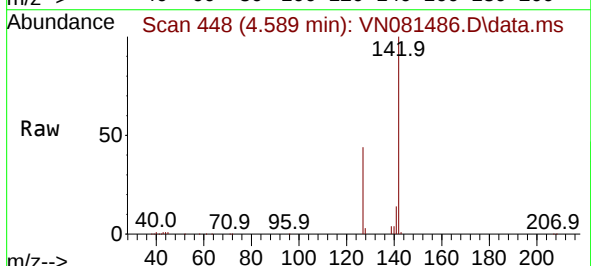
Manual Integrations
APPROVED

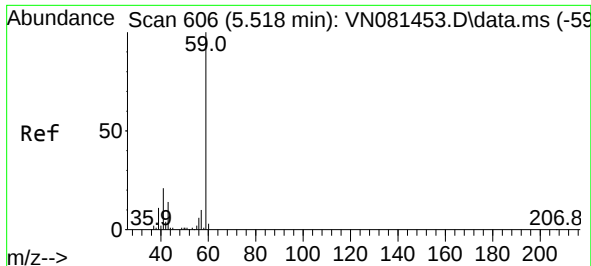
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#10
Methyl Iodide
Concen: 59.168 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

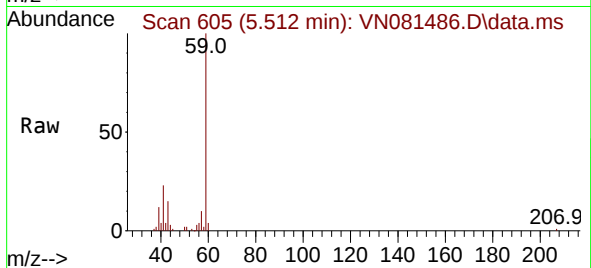
Tgt Ion:142 Resp: 324539
Ion Ratio Lower Upper
142 100
127 43.8 37.0 55.4
141 14.2 12.5 18.7





#11
Tert butyl alcohol
Concen: 246.441 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

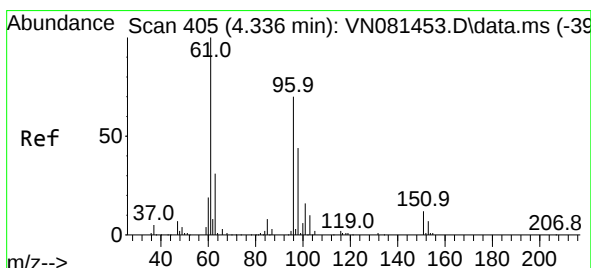
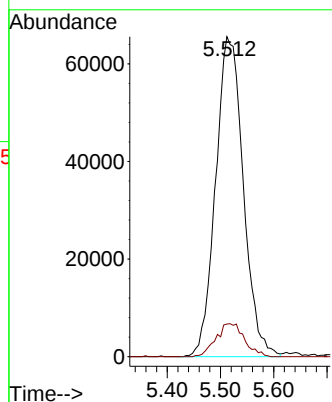
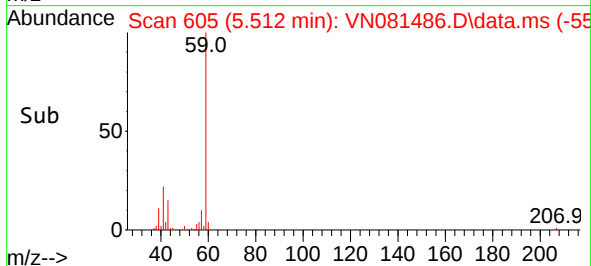
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 236768
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

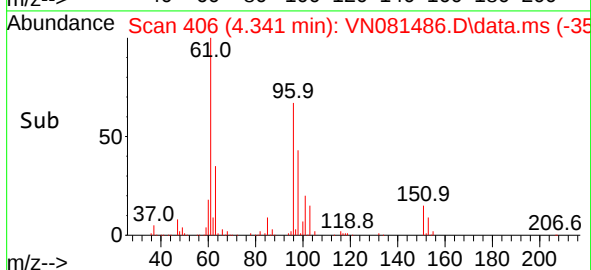
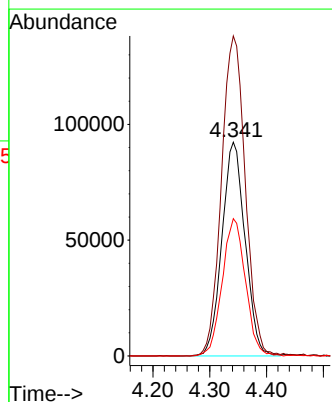
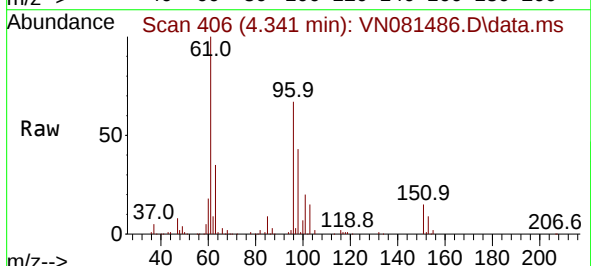
Manual Integrations
APPROVED

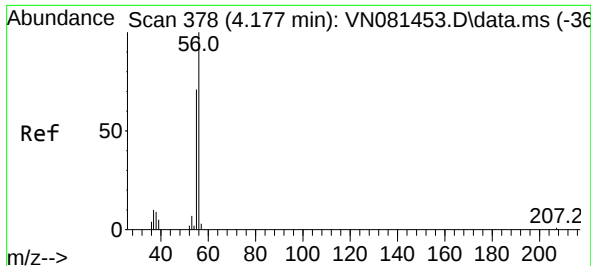
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#12
1,1-Dichloroethene
Concen: 51.234 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

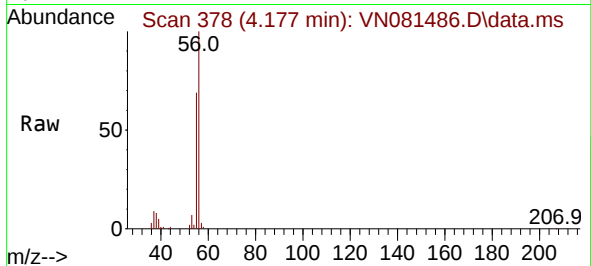
Tgt Ion: 96 Resp: 261393
Ion Ratio Lower Upper
96 100
61 149.7 138.2 207.4
98 64.2 49.2 73.8





#13
Acrolein
Concen: 296.744 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

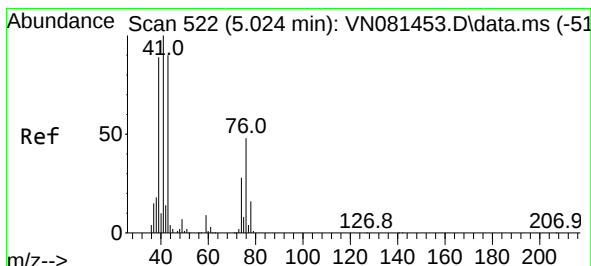
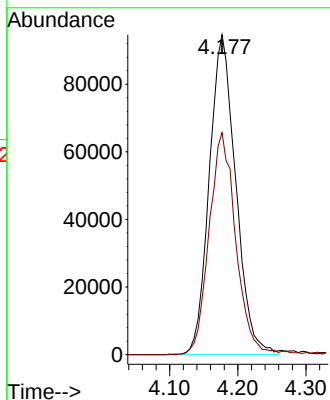
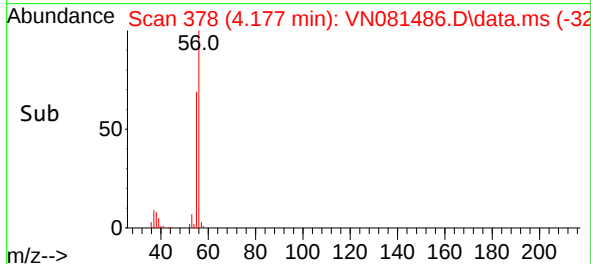
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 255824
Ion Ratio Lower Upper
56 100
55 70.1 55.3 82.9

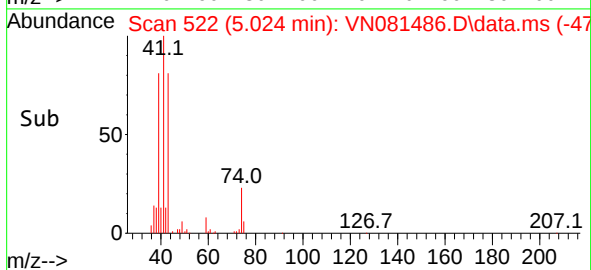
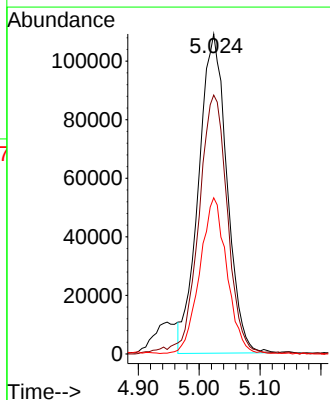
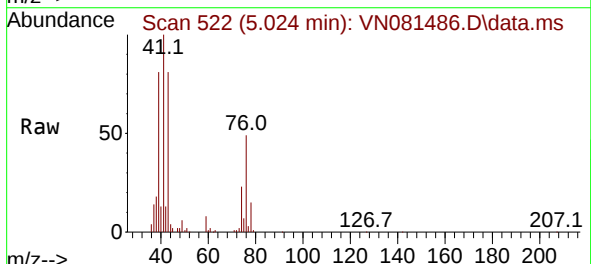
Manual Integrations
APPROVED

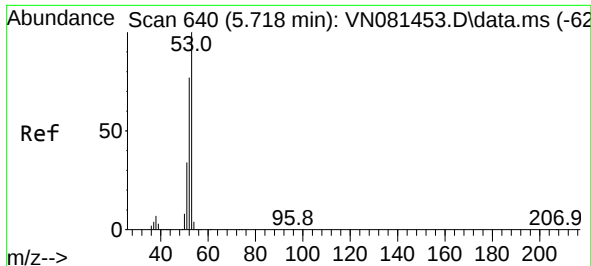
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#14
Allyl chloride
Concen: 55.125 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

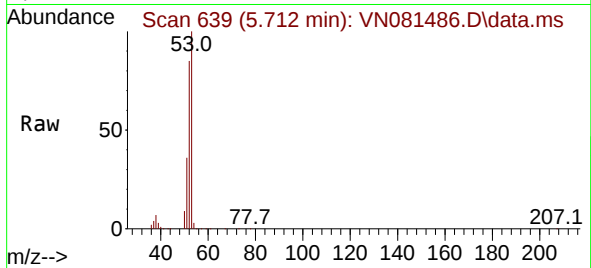
Tgt Ion: 41 Resp: 352413
Ion Ratio Lower Upper
41 100
39 82.6 57.7 86.5
76 46.5 26.8 40.2#





#15
Acrylonitrile
Concen: 245.945 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

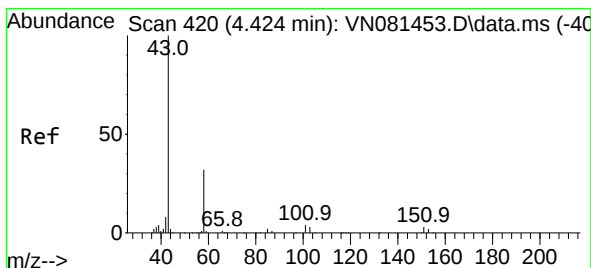
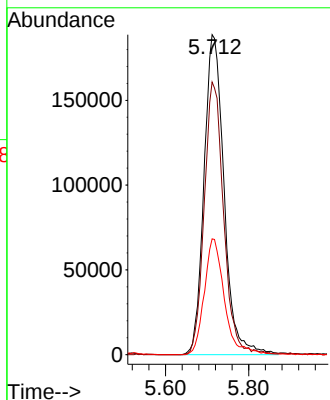
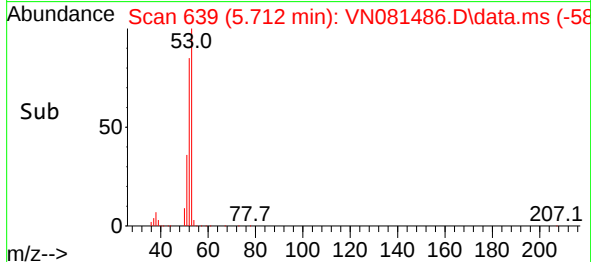
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 632139
Ion Ratio Lower Upper
53 100
52 82.4 64.8 97.2
51 36.5 26.9 40.3

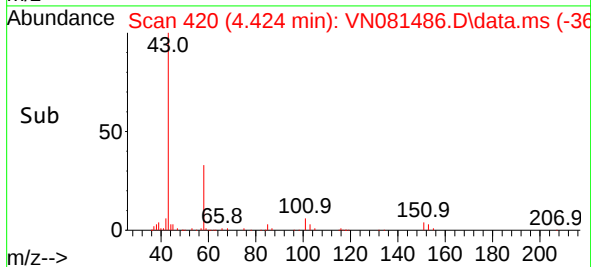
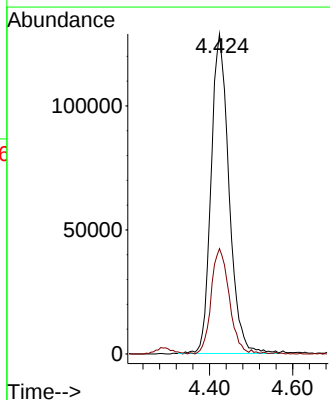
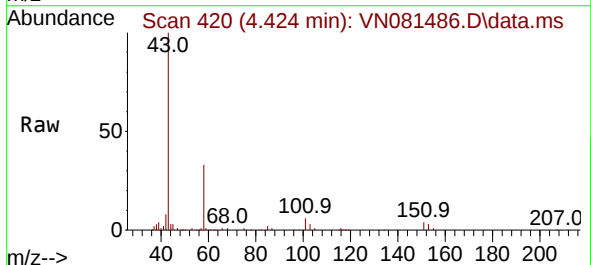
Manual Integrations
APPROVED

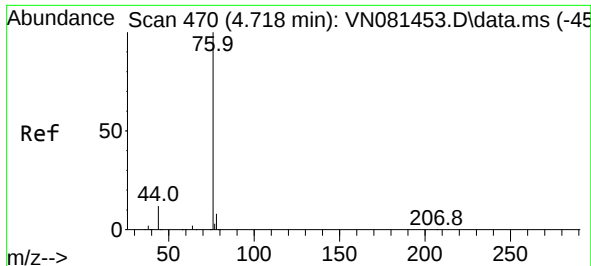
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#16
Acetone
Concen: 216.231 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

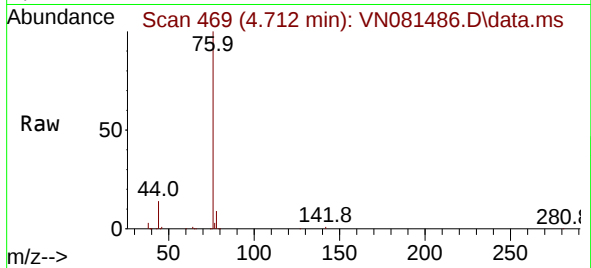
Tgt Ion: 43 Resp: 385255
Ion Ratio Lower Upper
43 100
58 32.8 24.8 37.2





#17
Carbon Disulfide
Concen: 48.708 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

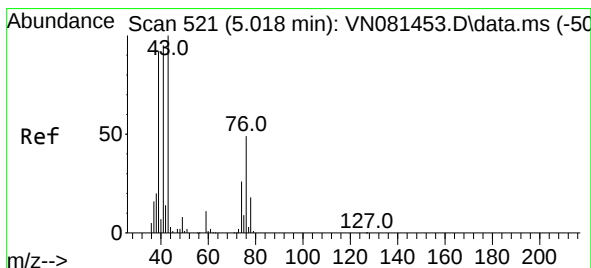
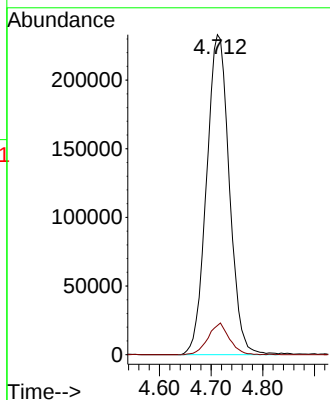
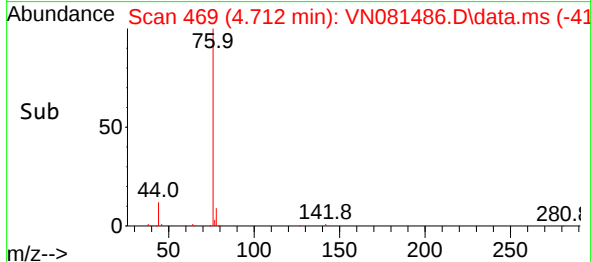
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 713118
Ion Ratio Lower Upper
76 100
78 9.1 6.3 9.5

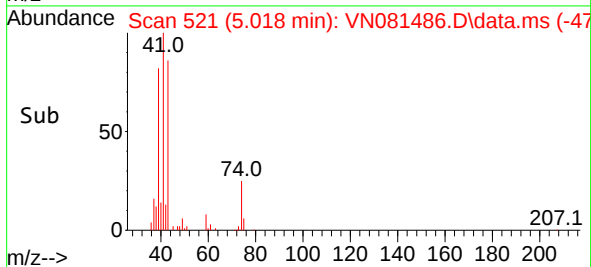
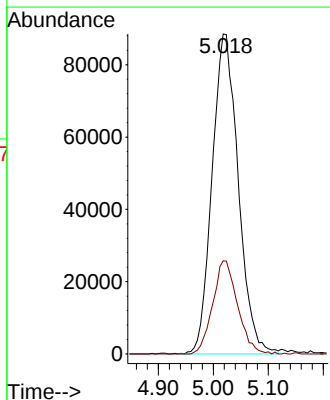
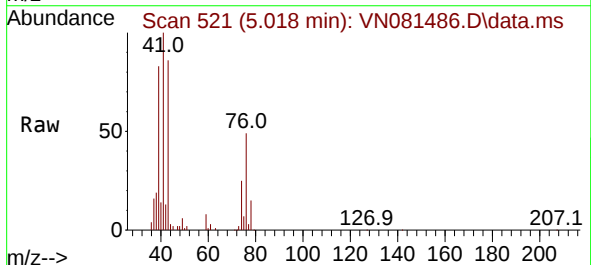
Manual Integrations
APPROVED

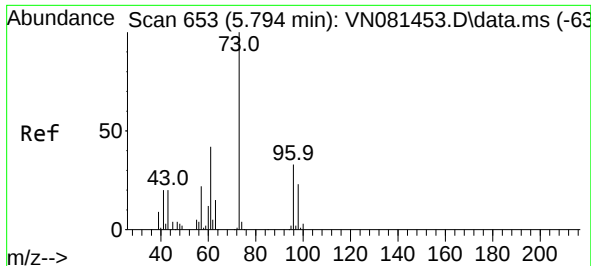
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#18
Methyl Acetate
Concen: 53.269 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

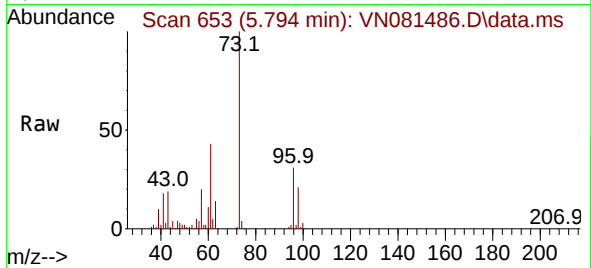
Tgt Ion: 43 Resp: 292602
Ion Ratio Lower Upper
43 100
74 27.7 17.3 25.9





#19
Methyl tert-butyl Ether
Concen: 58.275 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

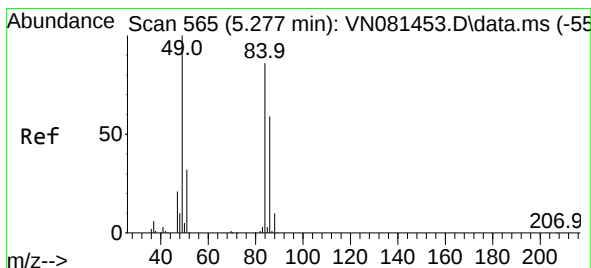
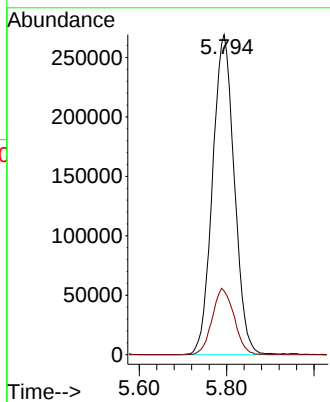
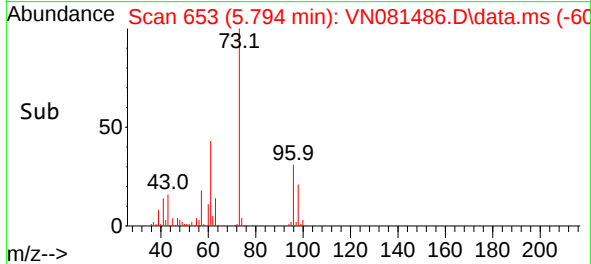
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 930474
Ion Ratio Lower Upper
73 100
57 19.9 18.2 27.4

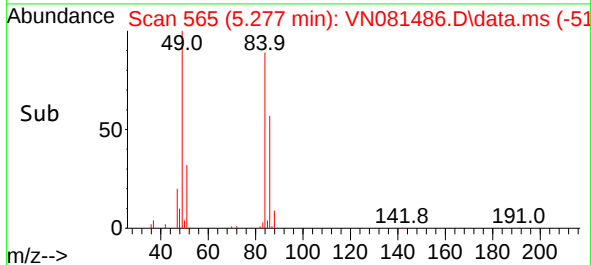
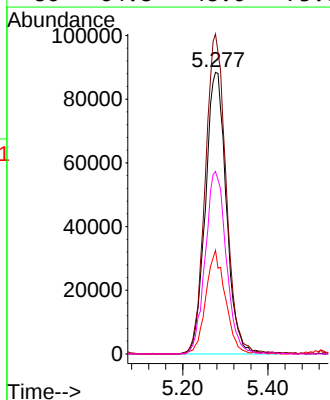
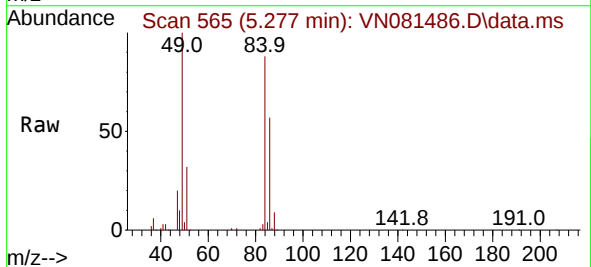
Manual Integrations
APPROVED

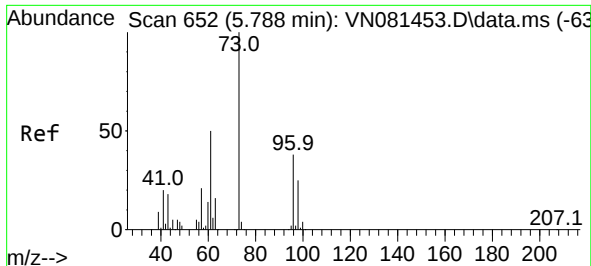
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#20
Methylene Chloride
Concen: 51.657 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

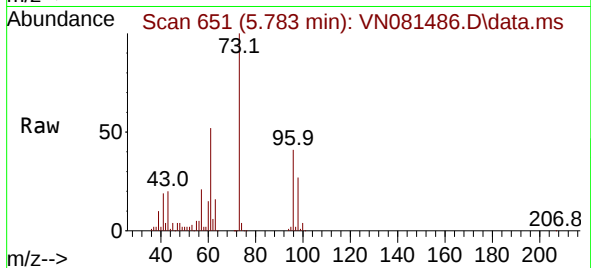
Tgt Ion: 84 Resp: 301485
Ion Ratio Lower Upper
84 100
49 113.6 108.1 162.1
51 36.8 32.9 49.3
86 64.8 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 51.416 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

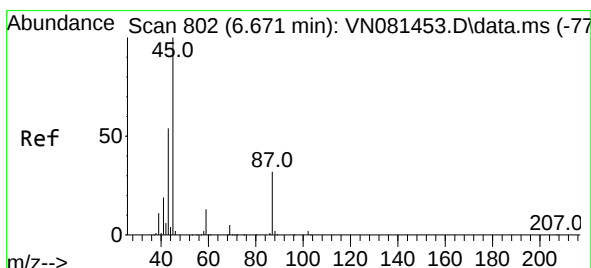
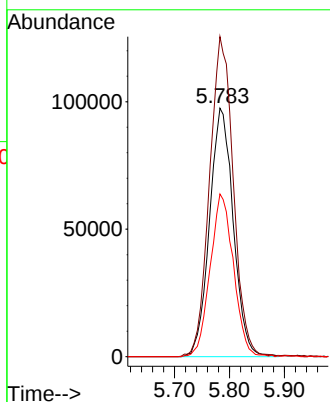
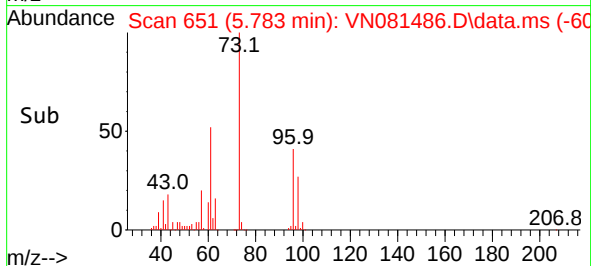
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 292484
Ion Ratio Lower Upper
96 100
61 128.8 112.8 169.2
98 65.5 51.0 76.4

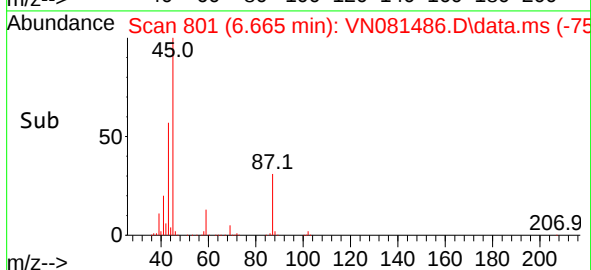
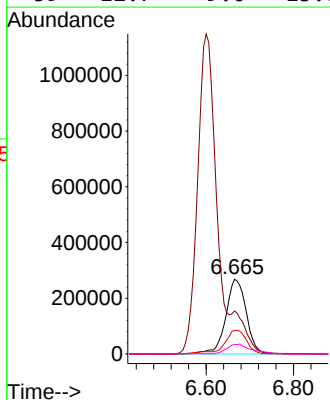
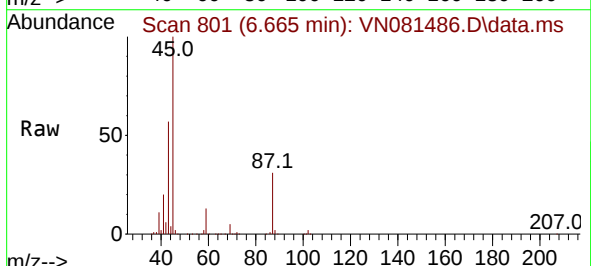
Manual Integrations
APPROVED

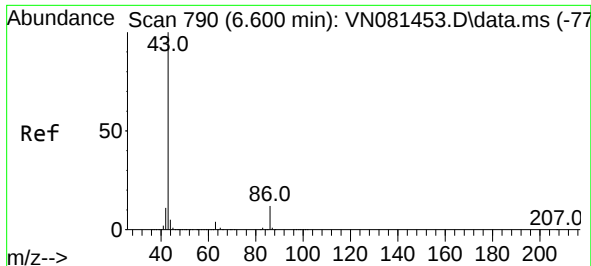
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#22
Diisopropyl ether
Concen: 58.507 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

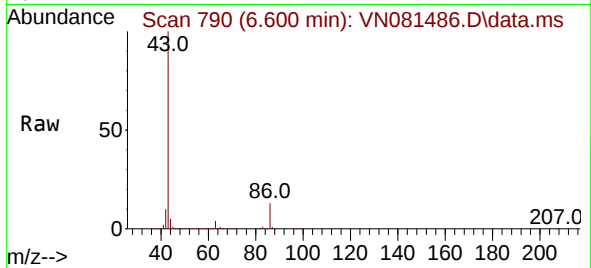
Tgt Ion: 45 Resp: 869078
Ion Ratio Lower Upper
45 100
43 56.6 41.8 62.8
87 31.4 18.1 27.1#
59 12.7 9.0 13.6





#23
 Vinyl Acetate
 Concen: 283.867 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081486.D
 Acq: 20 Mar 2024 11:53

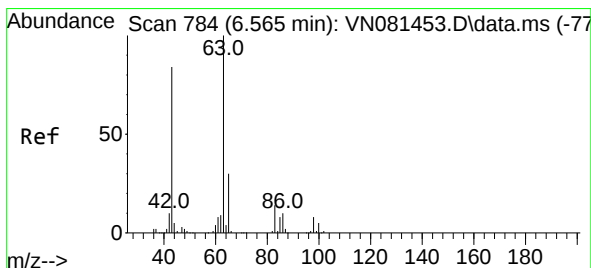
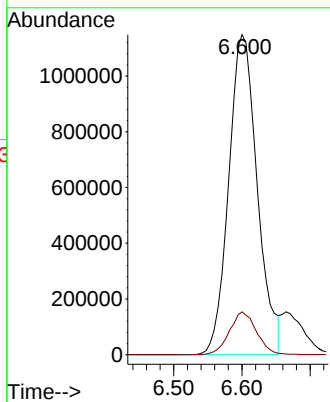
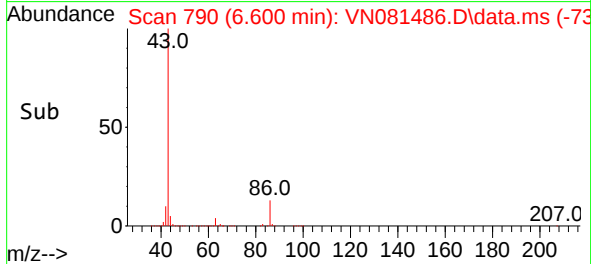
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 335636
 Ion Ratio Lower Upper
 43 100
 86 13.4 7.1 10.7

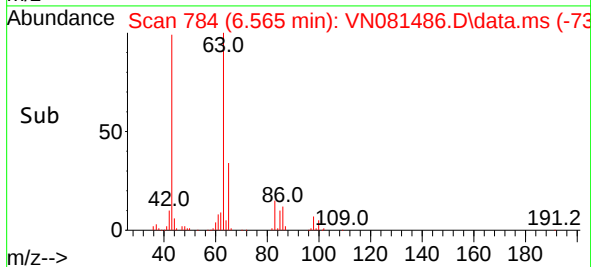
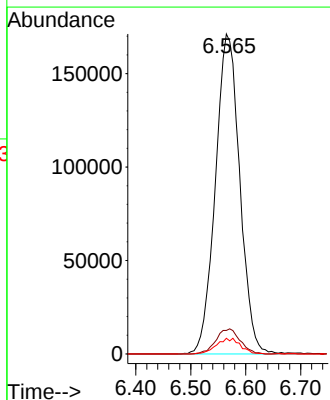
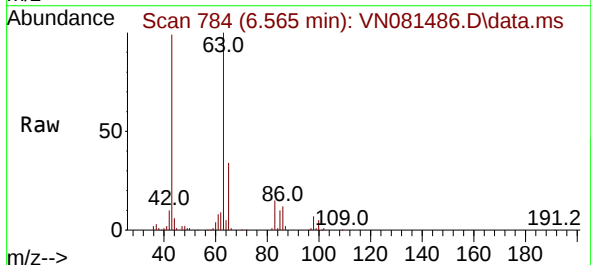
Manual Integrations
 APPROVED

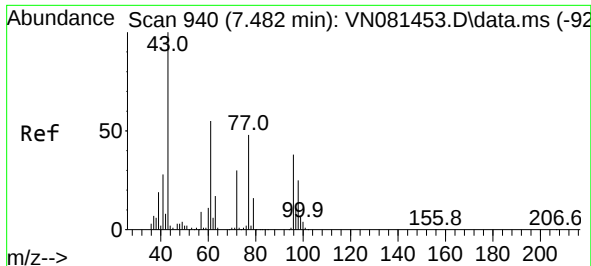
Reviewed By :John Carlone 03/21/2024
 Supervised By :Mahesh Dadoda 03/21/2024



#24
 1,1-Dichloroethane
 Concen: 52.991 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN081486.D
 Acq: 20 Mar 2024 11:53

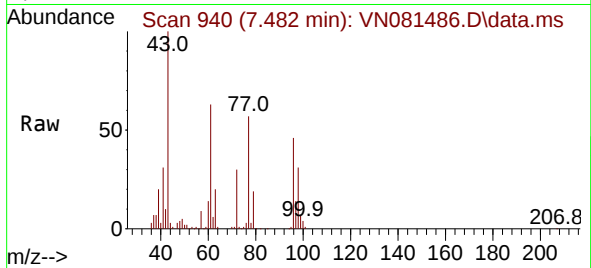
Tgt Ion: 63 Resp: 527212
 Ion Ratio Lower Upper
 63 100
 98 7.3 2.9 8.6
 100 4.9 1.9 5.7





#25
2-Butanone
Concen: 236.717 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

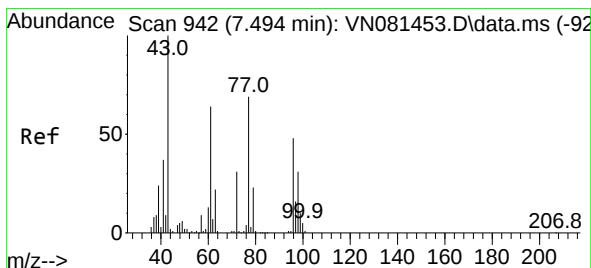
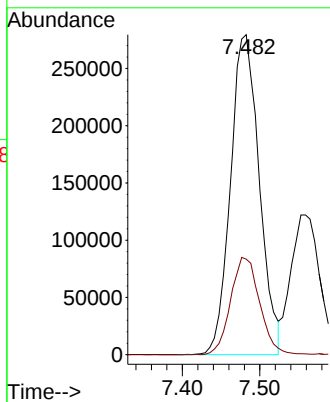
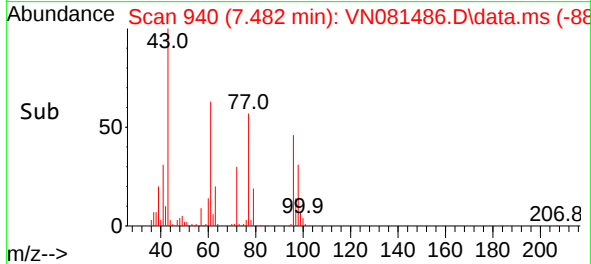
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 723398
Ion Ratio Lower Upper
43 100
72 29.9 19.5 29.3

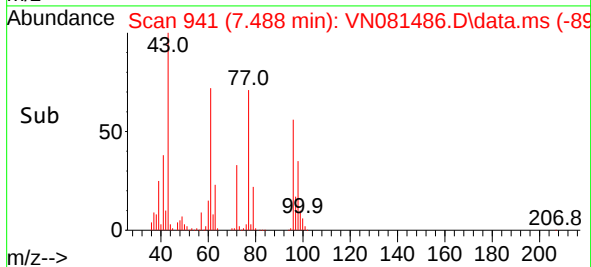
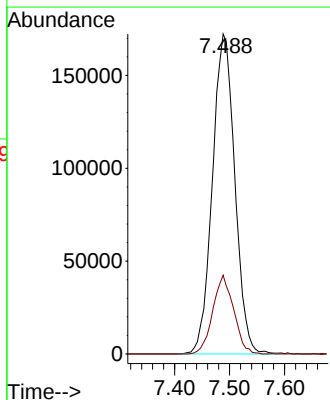
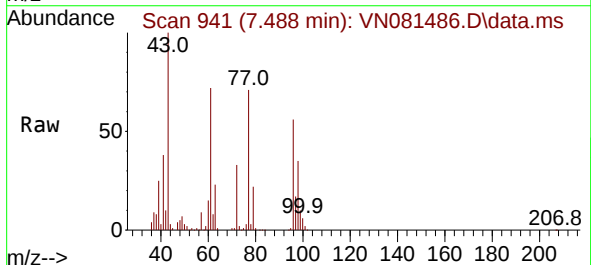
Manual Integrations
APPROVED

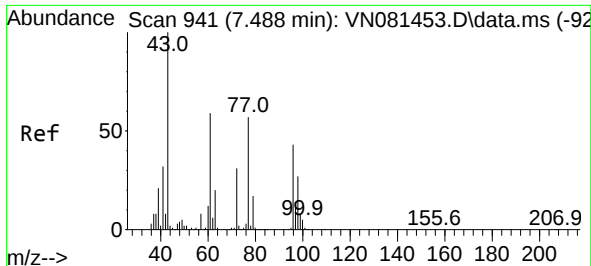
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#26
2,2-Dichloropropane
Concen: 56.595 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

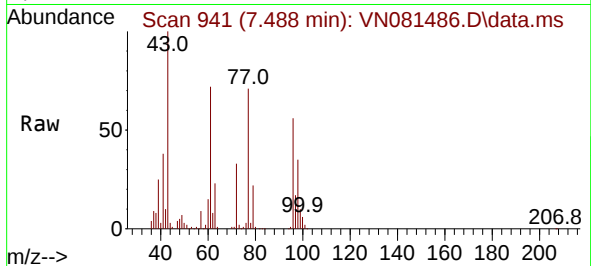
Tgt Ion: 77 Resp: 488371
Ion Ratio Lower Upper
77 100
97 22.9 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 53.681 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081486.D
 Acq: 20 Mar 2024 11:53

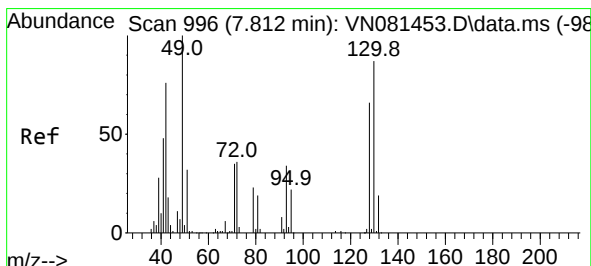
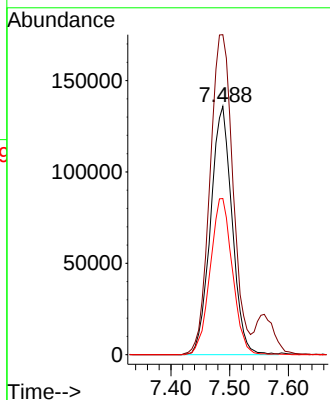
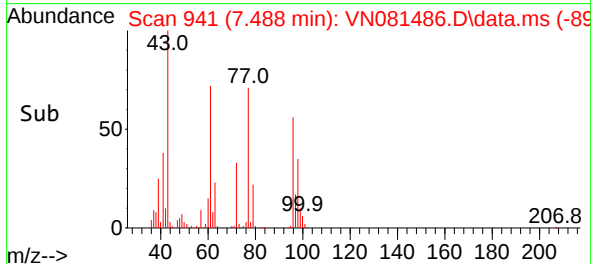
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 345500
 Ion Ratio Lower Upper
 96 100
 61 137.8 0.0 325.4
 98 65.1 0.0 130.4

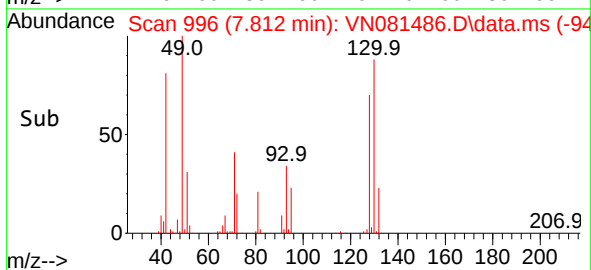
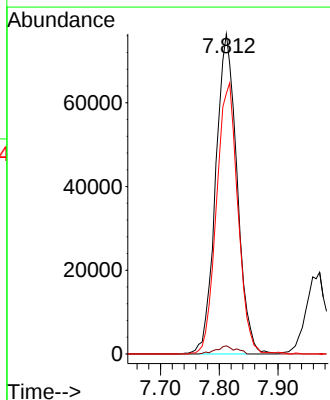
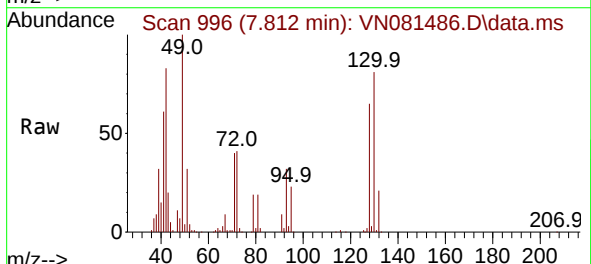
Manual Integrations
 APPROVED

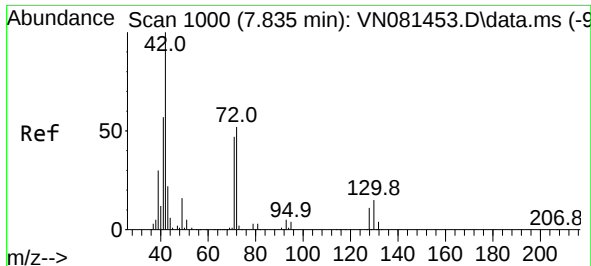
Reviewed By :John Carlone 03/21/2024
 Supervised By :Mahesh Dadoda 03/21/2024



#28
 Bromochloromethane
 Concen: 47.629 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN081486.D
 Acq: 20 Mar 2024 11:53

Tgt Ion: 49 Resp: 193012
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 1.6#
 130 84.5 42.3 63.5#





#29

Tetrahydrofuran

Concen: 243.053 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN081486.D

Acq: 20 Mar 2024 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 50037

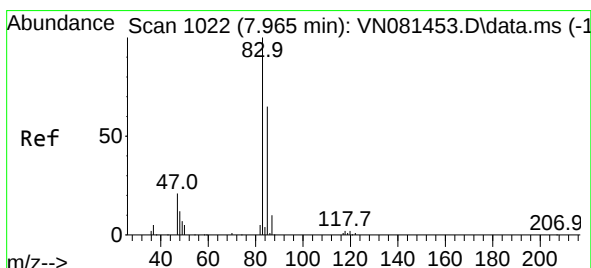
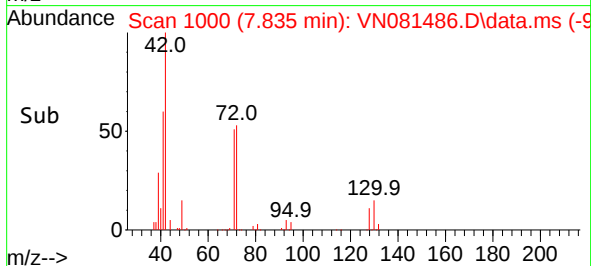
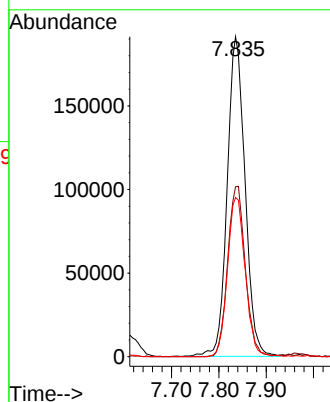
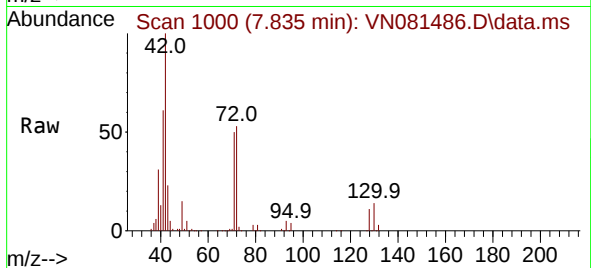
Ion	Ratio	Lower	Upper
42	100		
72	52.8	31.1	46.7
71	49.4	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#30

Chloroform

Concen: 53.721 ug/l

RT: 7.965 min Scan# 1022

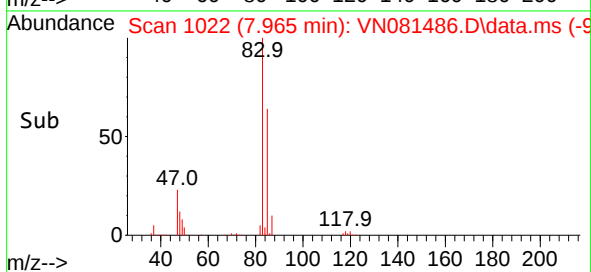
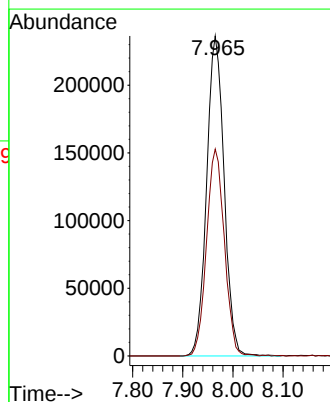
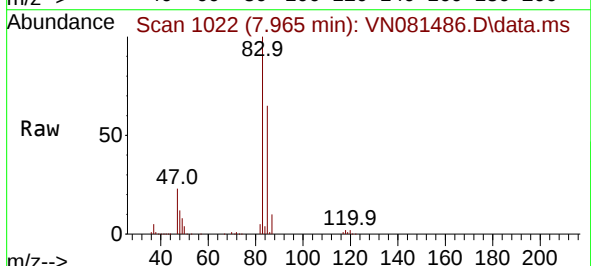
Delta R.T. -0.000 min

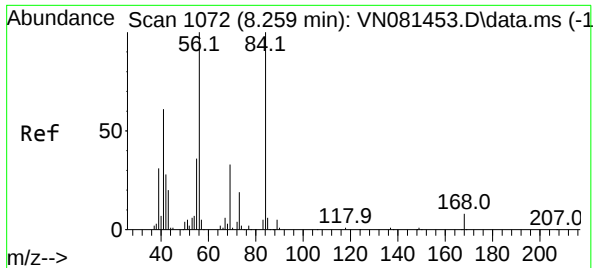
Lab File: VN081486.D

Acq: 20 Mar 2024 11:53

Tgt Ion: 83 Resp: 572170

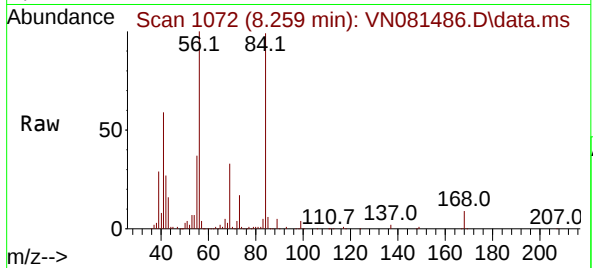
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.0	76.6





#31
Cyclohexane
Concen: 48.640 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

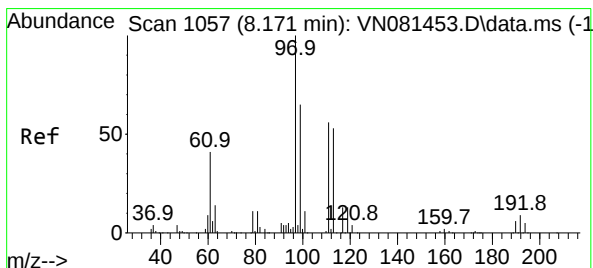
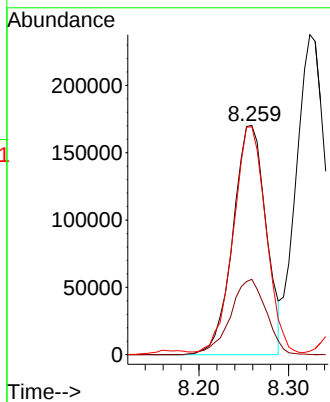
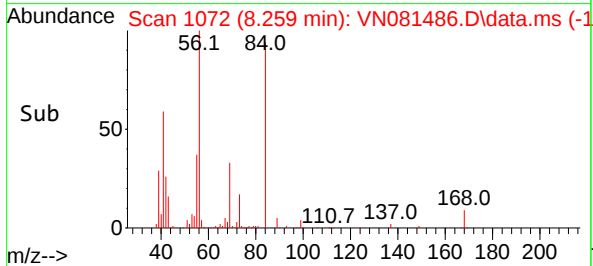
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 436359
Ion Ratio Lower Upper
56 100
69 32.9 20.1 30.1
84 97.7 56.9 85.3

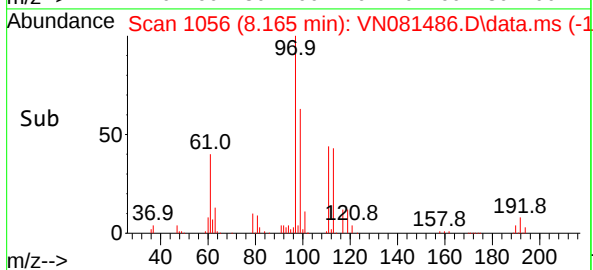
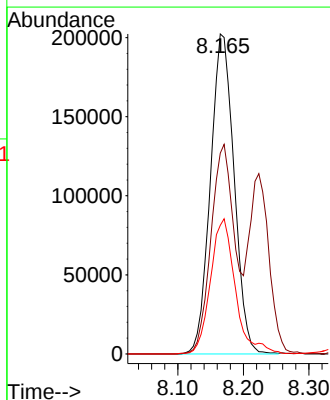
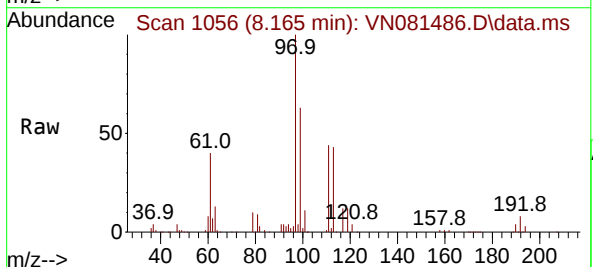
Manual Integrations
APPROVED

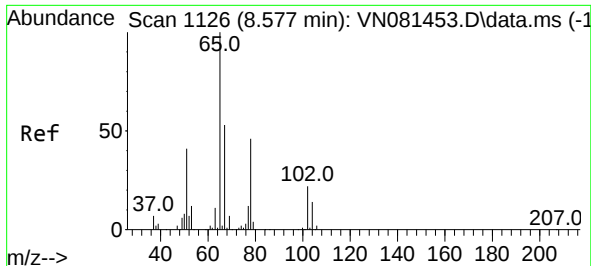
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#32
1,1,1-Trichloroethane
Concen: 52.459 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

Tgt Ion: 97 Resp: 506918
Ion Ratio Lower Upper
97 100
99 66.3 53.4 80.0
61 44.5 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 45.745 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081486.D

Acq: 20 Mar 2024 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 25219

Ion Ratio Lower Upper

65 100

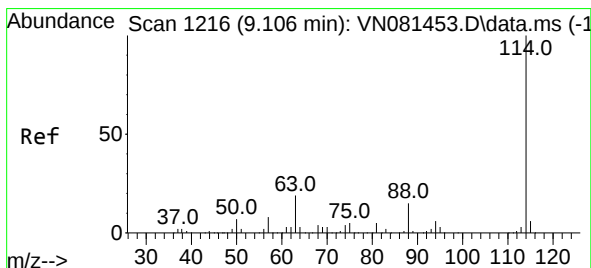
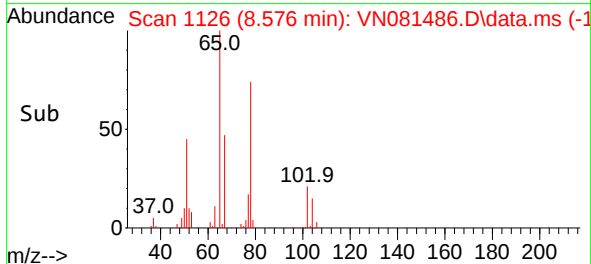
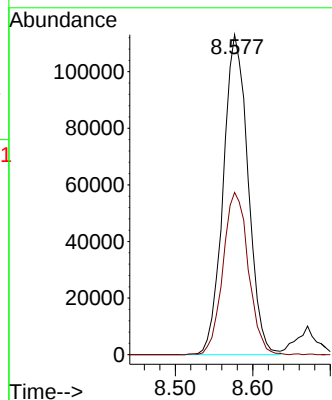
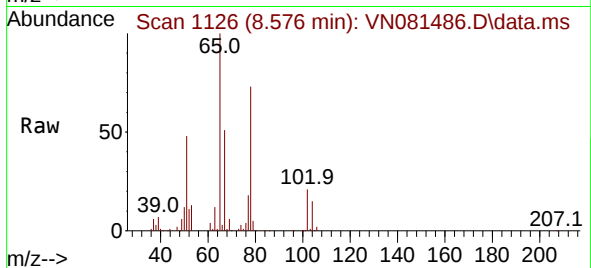
67 51.9 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081486.D

Acq: 20 Mar 2024 11:53

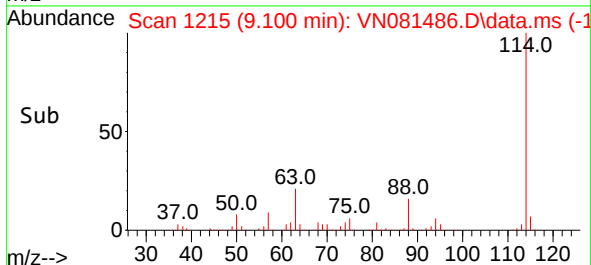
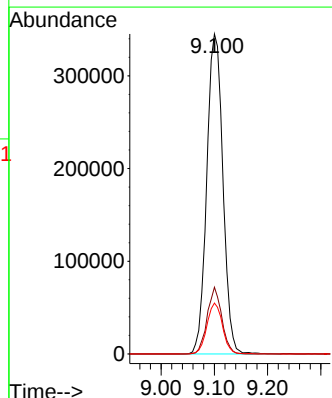
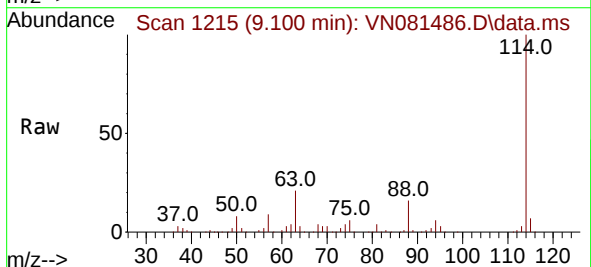
Tgt Ion:114 Resp: 725862

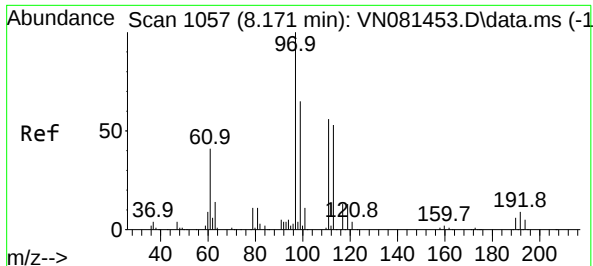
Ion Ratio Lower Upper

114 100

63 20.8 0.0 48.0

88 15.9 0.0 34.8





#35

Dibromofluoromethane

Concen: 47.282 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081486.D

Acq: 20 Mar 2024 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 21659

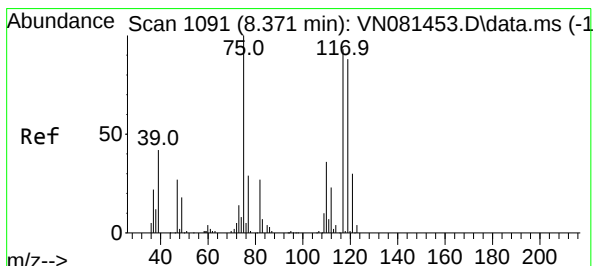
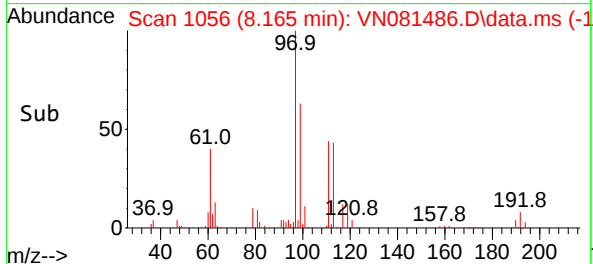
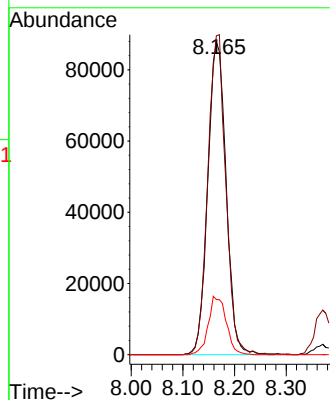
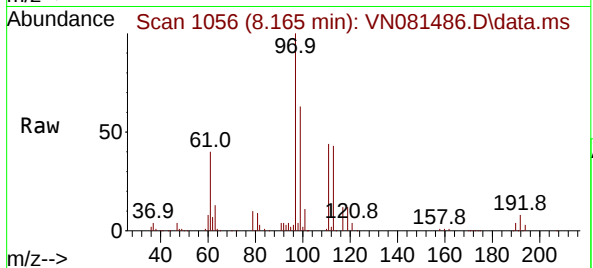
Ion	Ratio	Lower	Upper
113	100		
111	100.2	82.2	123.4
192	18.2	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#36

1,1-Dichloropropene

Concen: 53.179 ug/l

RT: 8.371 min Scan# 1091

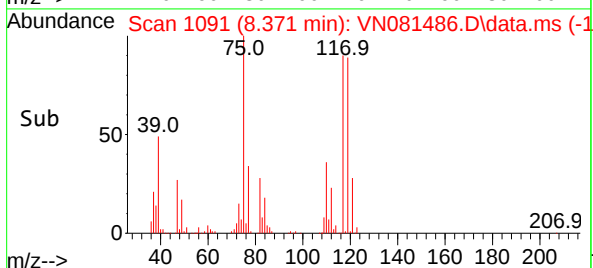
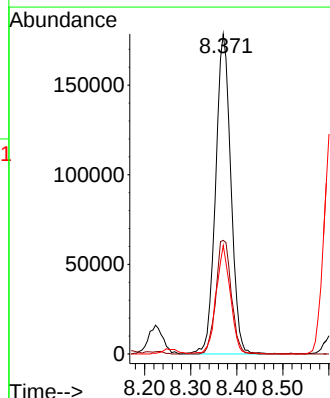
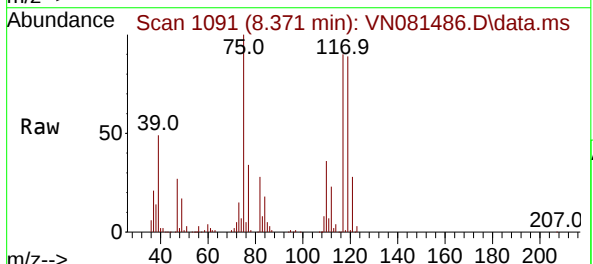
Delta R.T. -0.000 min

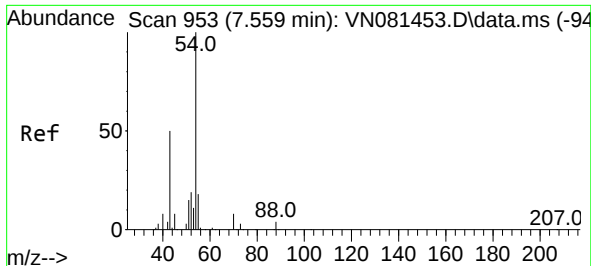
Lab File: VN081486.D

Acq: 20 Mar 2024 11:53

Tgt Ion: 75 Resp: 409965

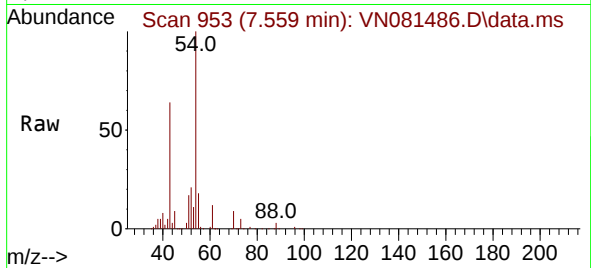
Ion	Ratio	Lower	Upper
75	100		
110	36.0	16.0	48.0
77	31.9	25.8	38.6





#37
Ethyl Acetate
Concen: 49.299 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

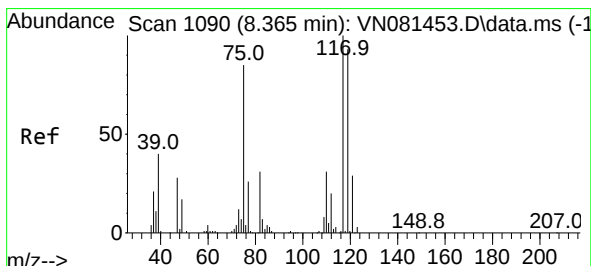
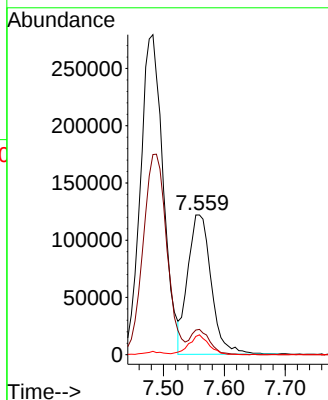
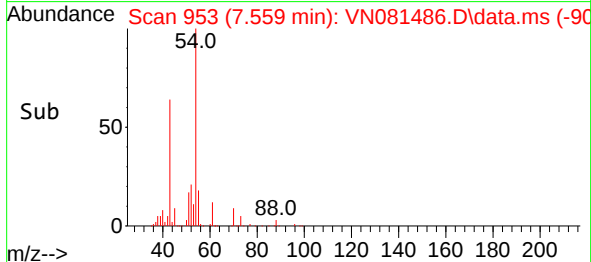
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 325438
Ion Ratio Lower Upper
43 100
61 15.1 10.6 15.8
70 12.2 8.0 12.0

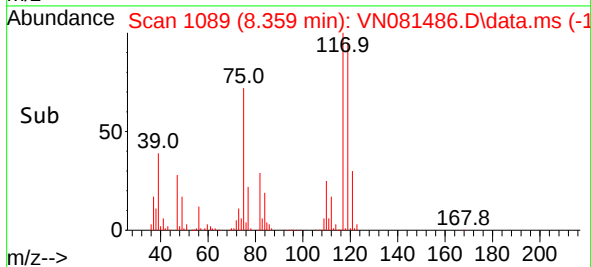
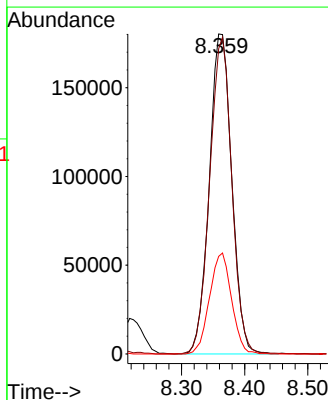
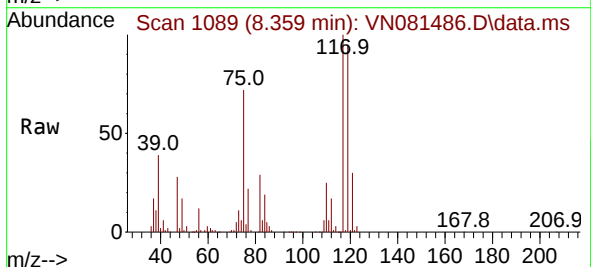
Manual Integrations
APPROVED

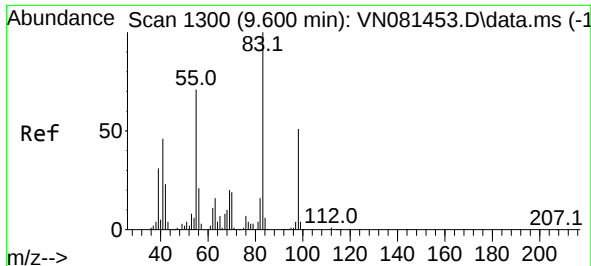
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#38
Carbon Tetrachloride
Concen: 52.814 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

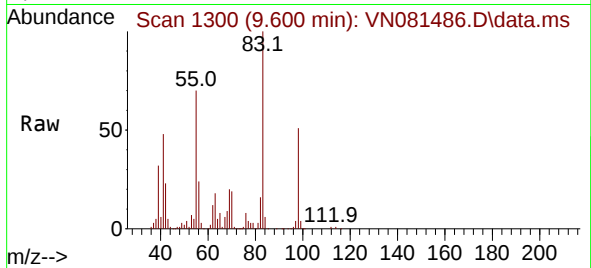
Tgt Ion:117 Resp: 446014
Ion Ratio Lower Upper
117 100
119 95.3 73.4 110.2
121 30.5 24.4 36.6





#39
Methylcyclohexane
Concen: 56.987 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

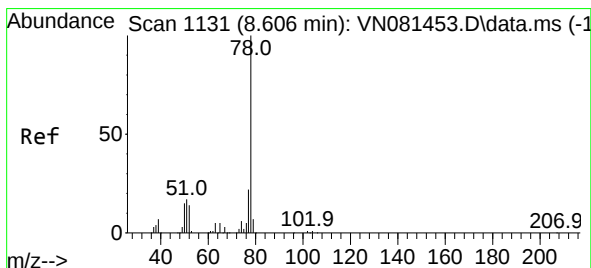
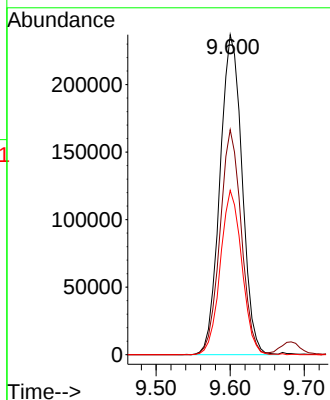
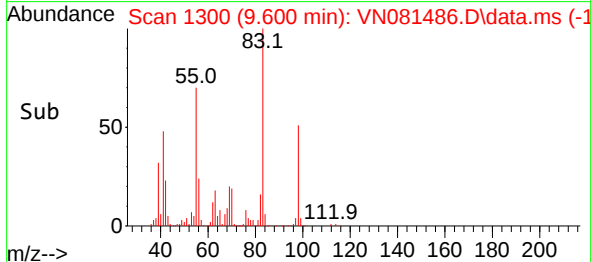
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 490610
Ion Ratio Lower Upper
83 100
55 70.3 65.7 98.5
98 51.4 33.8 50.6

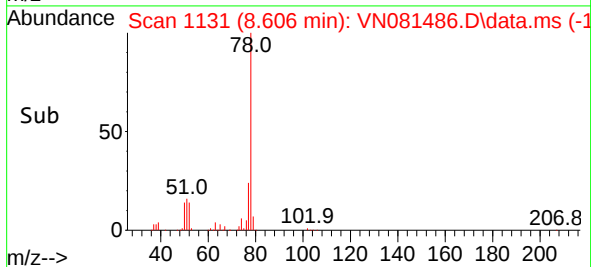
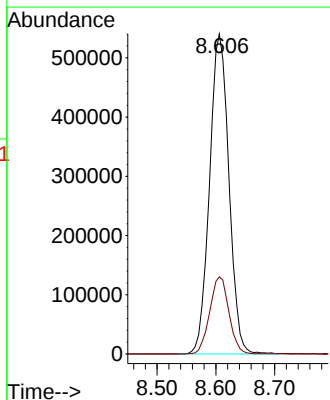
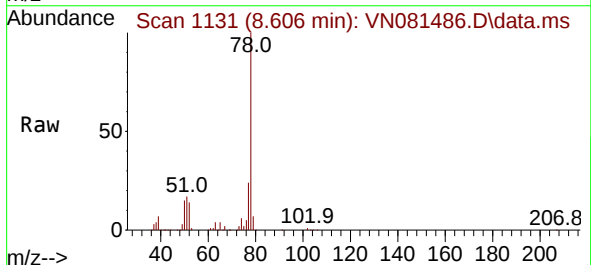
Manual Integrations
APPROVED

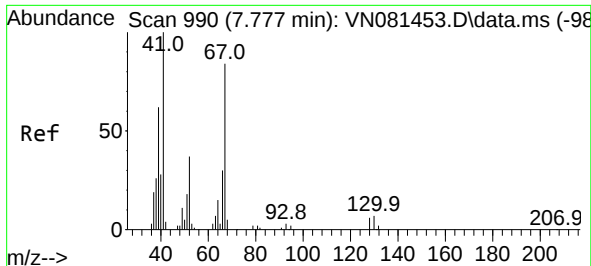
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#40
Benzene
Concen: 54.807 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

Tgt Ion: 78 Resp: 1235263
Ion Ratio Lower Upper
78 100
77 24.1 20.4 30.6





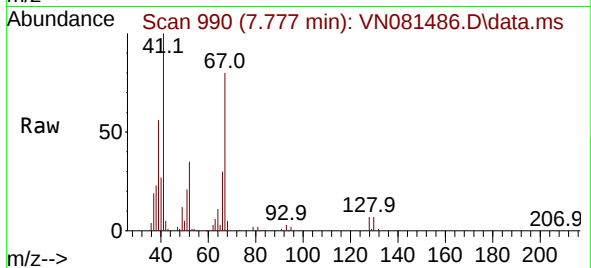
#41
Methacrylonitrile
Concen: 51.231 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



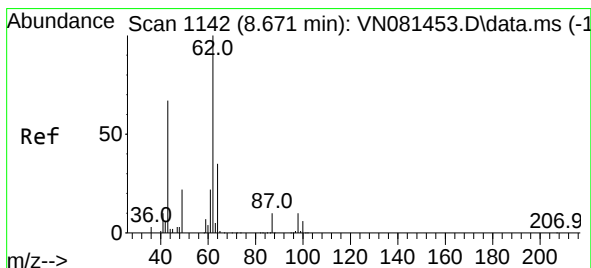
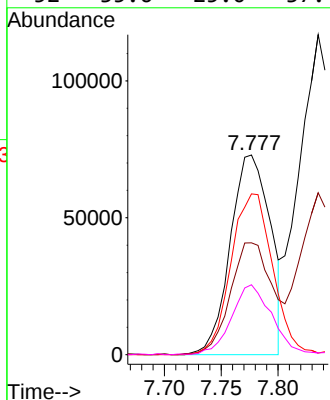
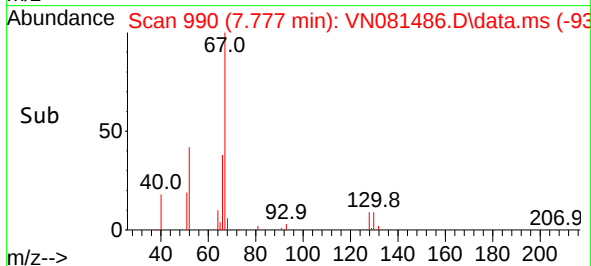
Tgt Ion: 41 Resp: 178852
Ion Ratio Lower Upper
41 100
39 60.0 48.4 72.6
67 84.6 56.8 85.2
52 35.6 25.0 37.4

Manual Integrations

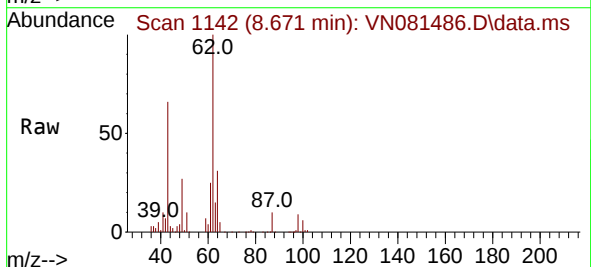
APPROVED

Reviewed By :John Carlone 03/21/2024

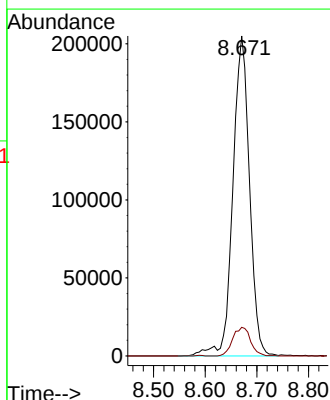
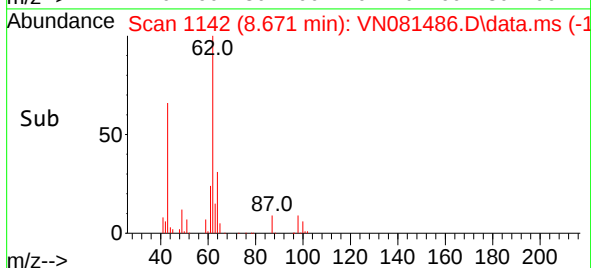
Supervised By :Mahesh Dadoda 03/21/2024

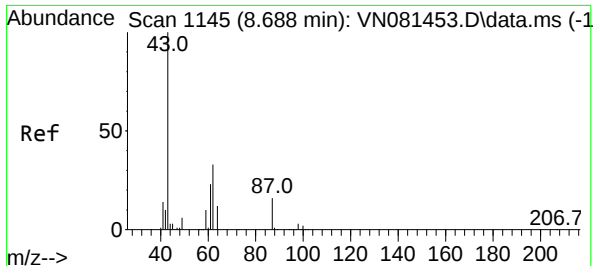


#42
1,2-Dichloroethane
Concen: 57.806 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53



Tgt Ion: 62 Resp: 458505
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.0





#43

Isopropyl Acetate

Concen: 54.474 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN081486.D

Acq: 20 Mar 2024 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

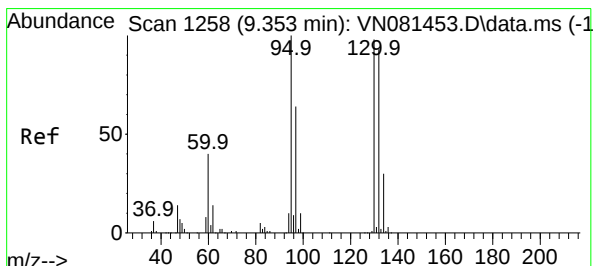
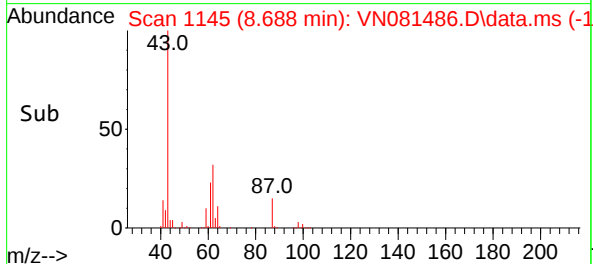
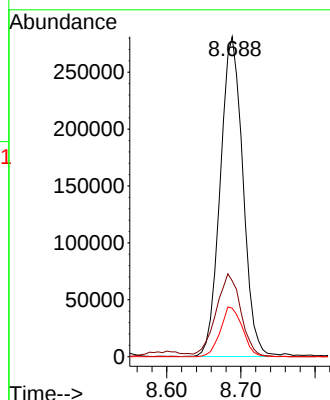
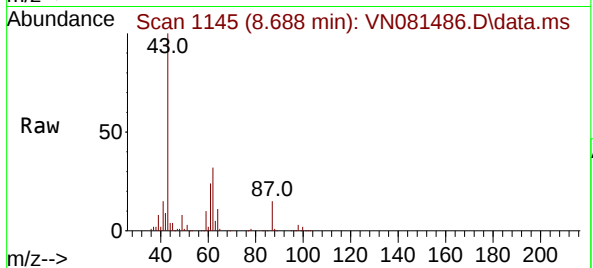
Tgt Ion:	43	Resp:	596074
Ion	Ratio	Lower	Upper
43	100		
61	28.5	19.9	29.9
87	15.2	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#44

Trichloroethene

Concen: 53.371 ug/l

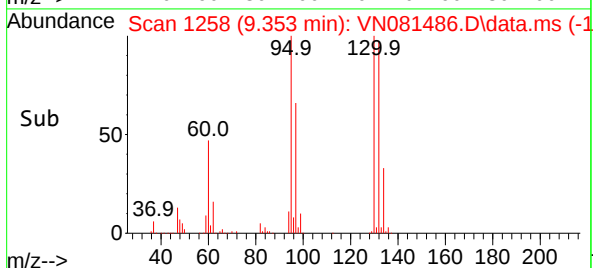
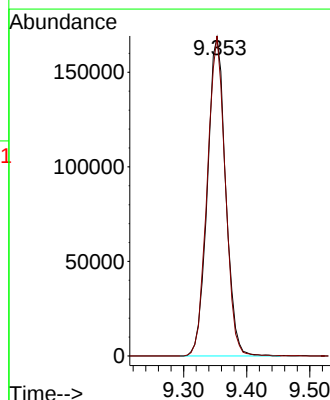
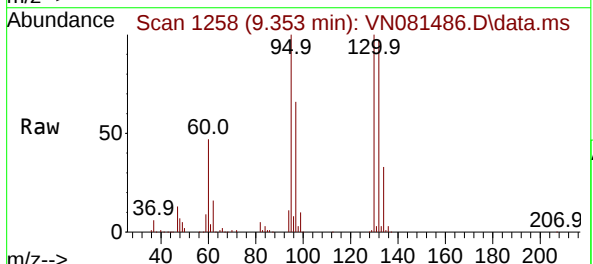
RT: 9.353 min Scan# 1258

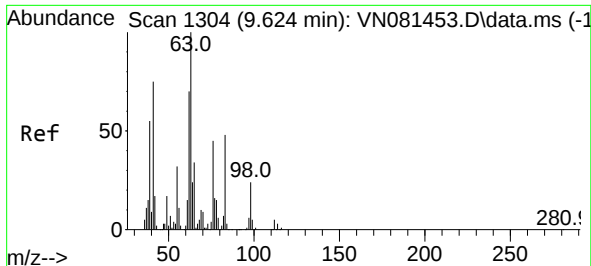
Delta R.T. -0.000 min

Lab File: VN081486.D

Acq: 20 Mar 2024 11:53

Tgt Ion:	130	Resp:	338316
Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	210.4





#45

1,2-Dichloropropane

Concen: 56.789 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081486.D

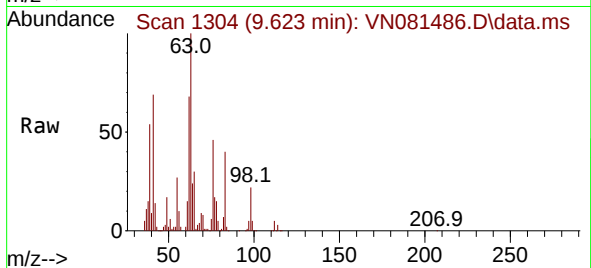
Acq: 20 Mar 2024 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 63 Resp: 31019

Ion Ratio Lower Upper

63 100

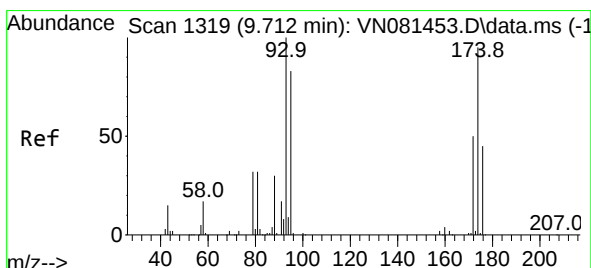
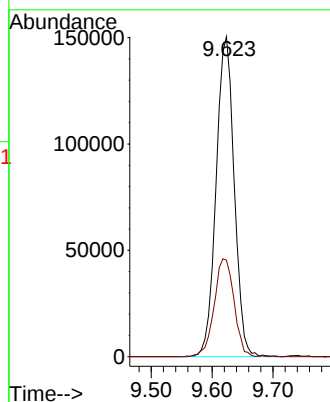
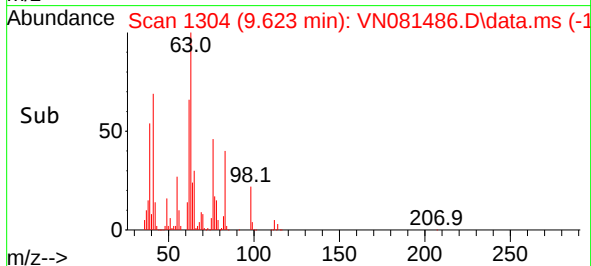
65 30.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#46

Dibromomethane

Concen: 54.033 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081486.D

Acq: 20 Mar 2024 11:53

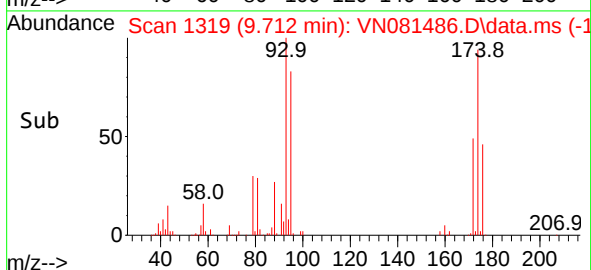
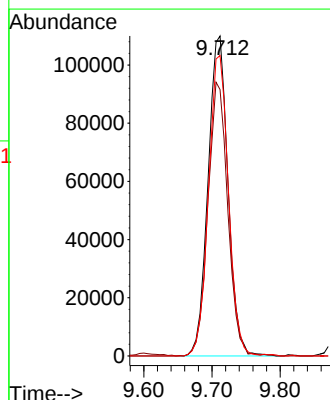
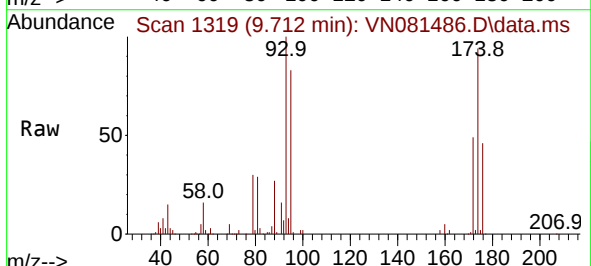
Tgt Ion: 93 Resp: 224135

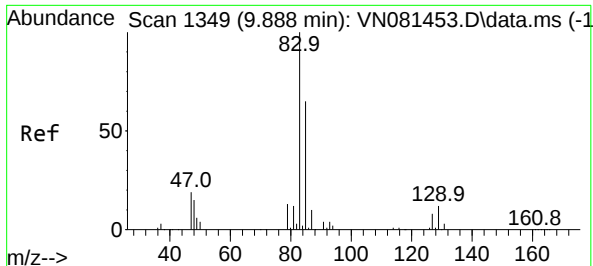
Ion Ratio Lower Upper

93 100

95 85.1 68.1 102.1

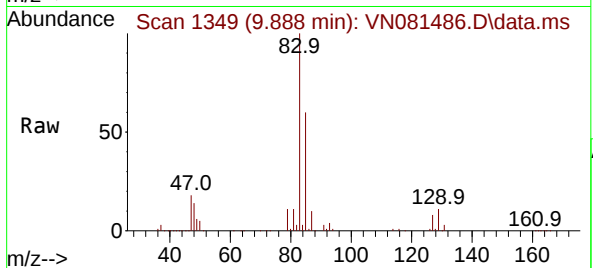
174 93.9 57.2 85.8





#47
Bromodichloromethane
Concen: 56.461 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

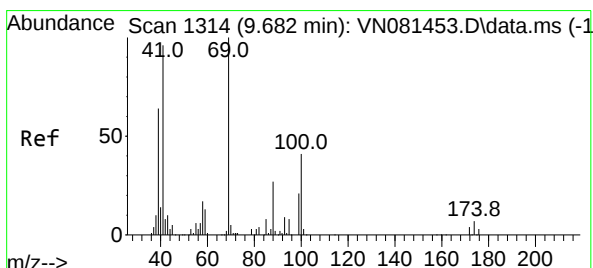
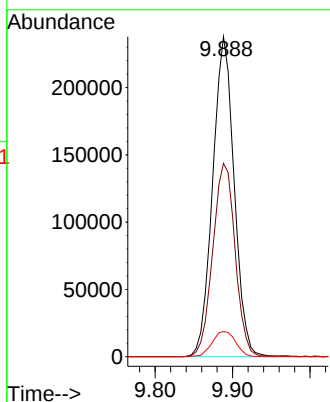
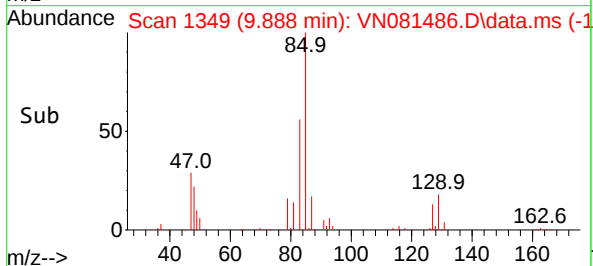
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



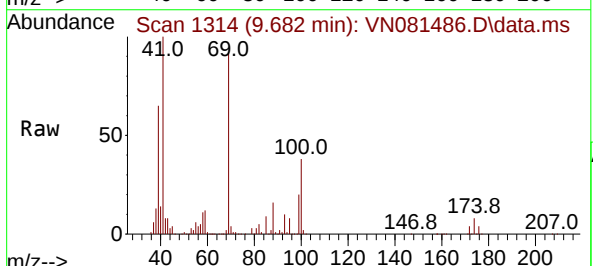
Tgt Ion: 83 Resp: 457915
Ion Ratio Lower Upper
83 100
85 60.4 52.3 78.5
127 7.9 4.6 7.0

Manual Integrations
APPROVED

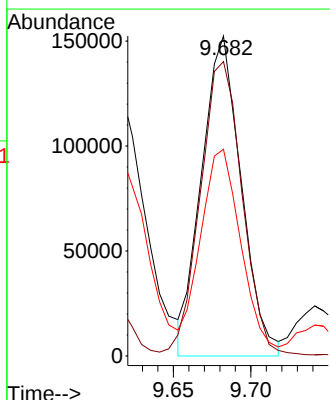
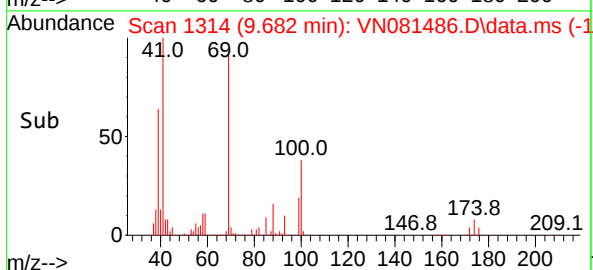
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

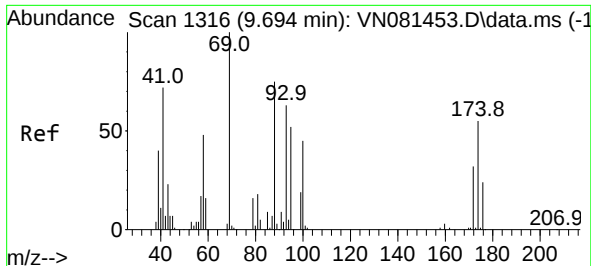


#48
Methyl methacrylate
Concen: 53.774 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53



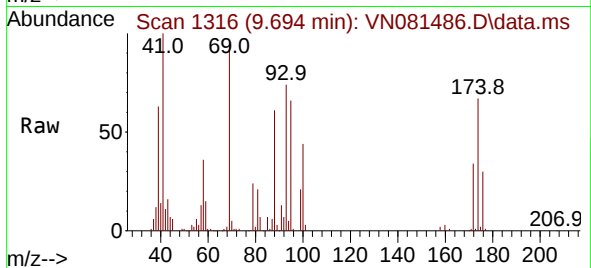
Tgt Ion: 41 Resp: 271404
Ion Ratio Lower Upper
41 100
69 97.6 62.2 93.2
39 66.3 47.6 71.4





#49
1,4-Dioxane
Concen: 859.778 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

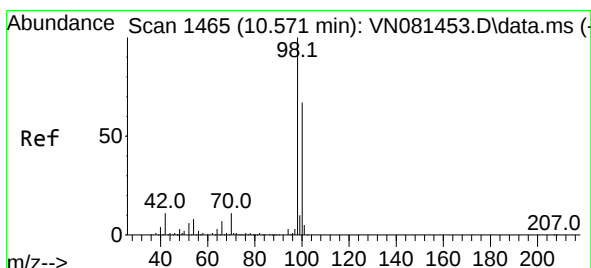
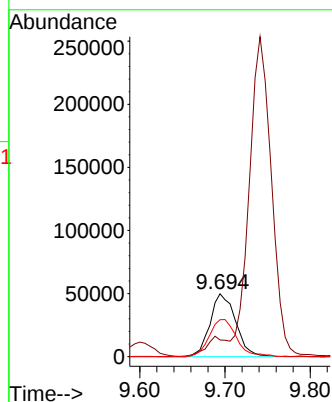
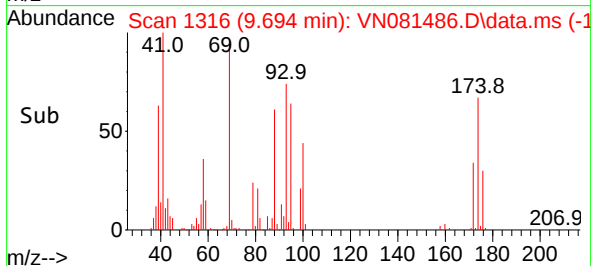
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 104282
Ion Ratio Lower Upper
88 100
43 26.4 30.1 45.1
58 62.9 63.9 95.9

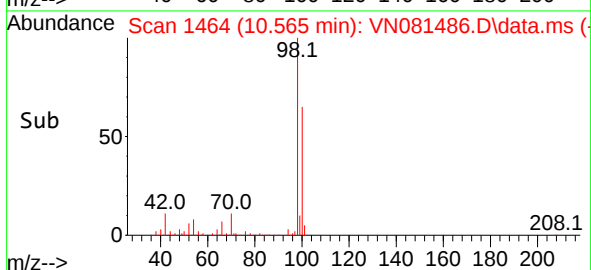
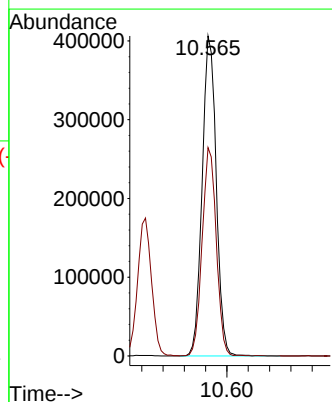
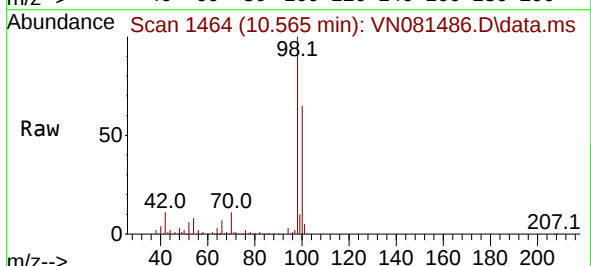
Manual Integrations
APPROVED

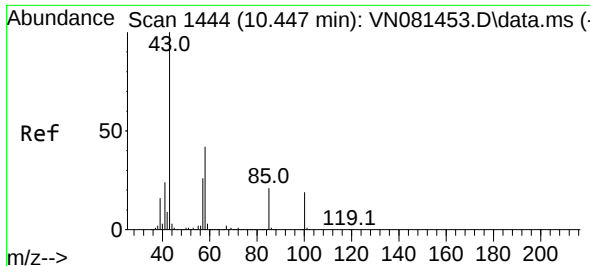
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#50
Toluene-d8
Concen: 44.963 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

Tgt Ion: 98 Resp: 744558
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.0





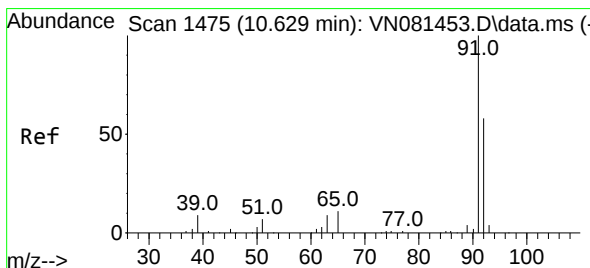
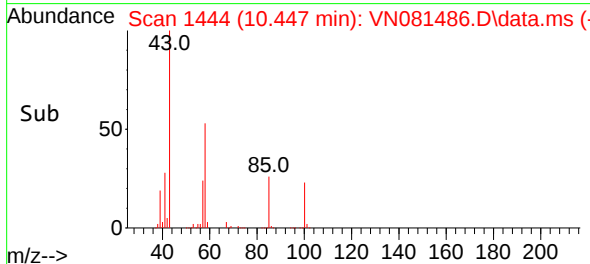
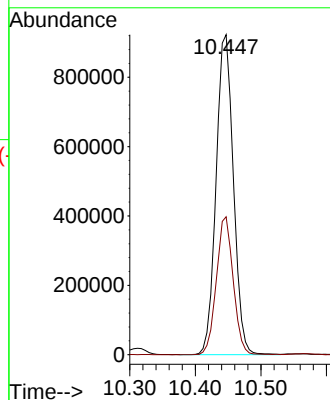
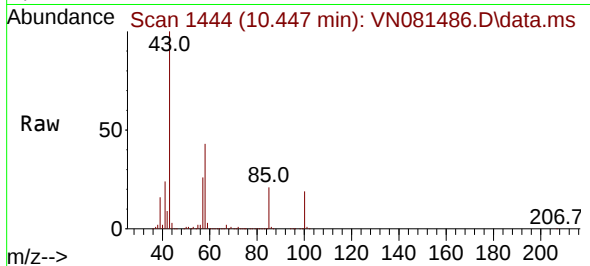
#51
4-Methyl-2-Pentanone
Concen: 252.627 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 168679
Ion Ratio Lower Upper
43 100
58 41.9 29.4 44.0

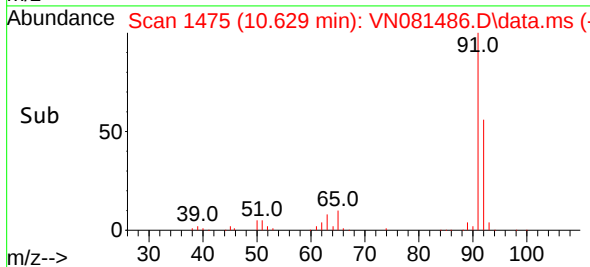
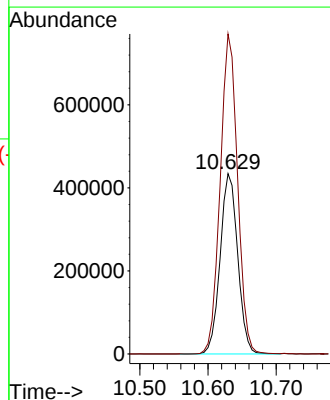
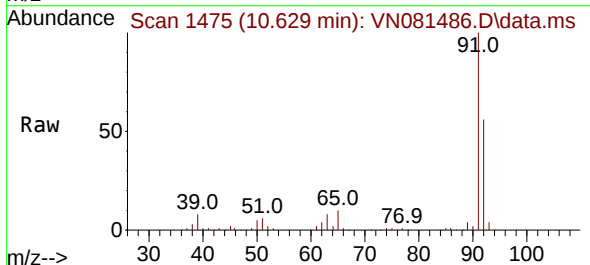
Manual Integrations
APPROVED

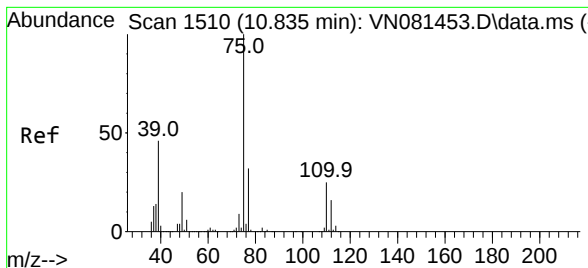
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#52
Toluene
Concen: 54.302 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

Tgt Ion: 92 Resp: 777894
Ion Ratio Lower Upper
92 100
91 175.5 139.4 209.0





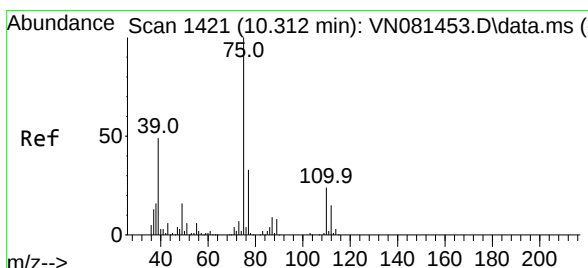
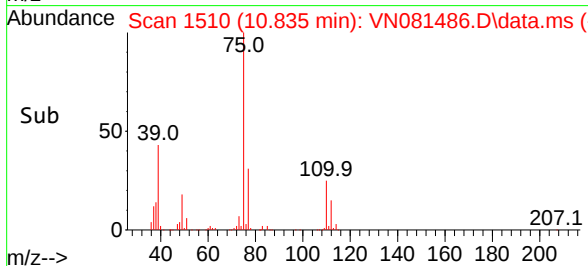
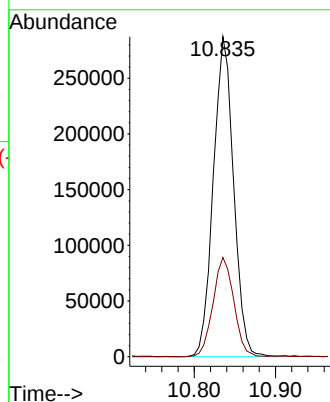
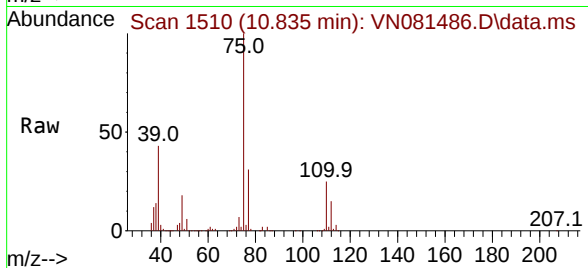
#53
t-1,3-Dichloropropene
Concen: 56.929 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 49856
Ion Ratio Lower Upper
75 100
77 31.0 25.5 38.3

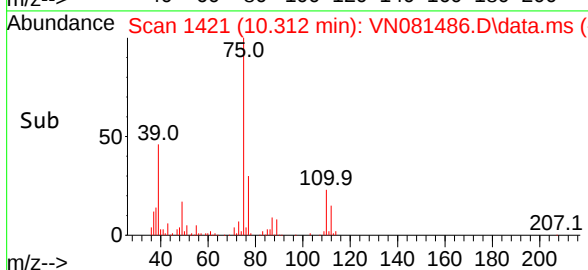
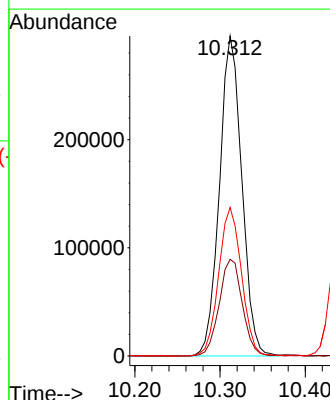
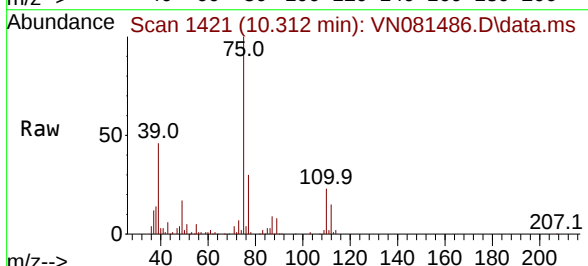
Manual Integrations
APPROVED

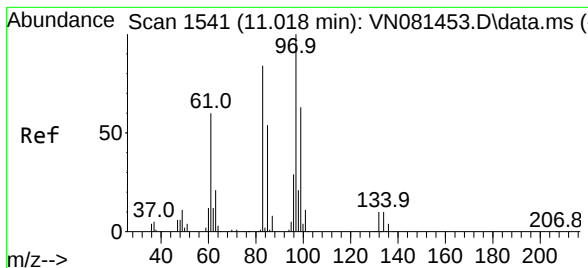
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#54
cis-1,3-Dichloropropene
Concen: 57.433 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

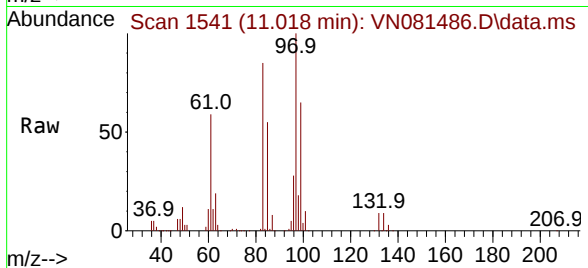
Tgt Ion: 75 Resp: 539272
Ion Ratio Lower Upper
75 100
77 30.2 23.3 34.9
39 46.4 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 53.766 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

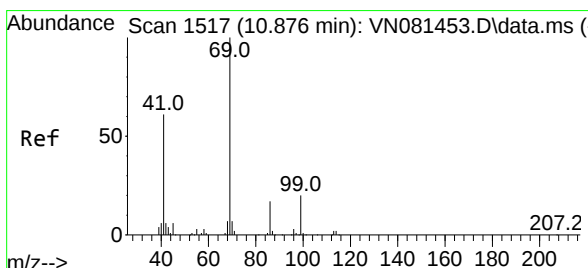
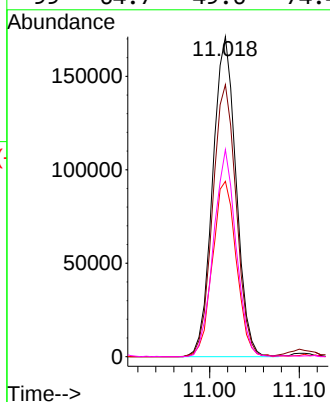
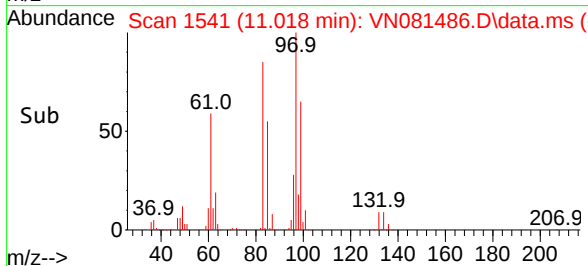
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



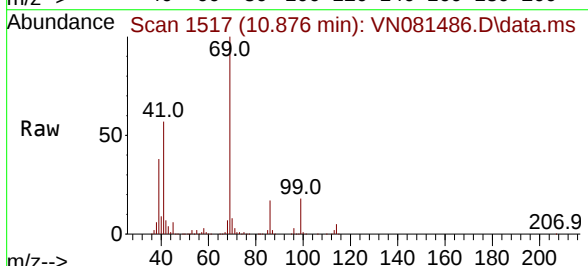
Tgt Ion: 97 Resp: 30996
Ion Ratio Lower Upper
97 100
83 85.0 72.9 109.3
85 54.8 50.2 75.2
99 64.7 49.6 74.4

Manual Integrations
APPROVED

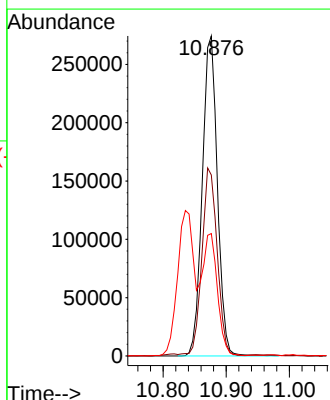
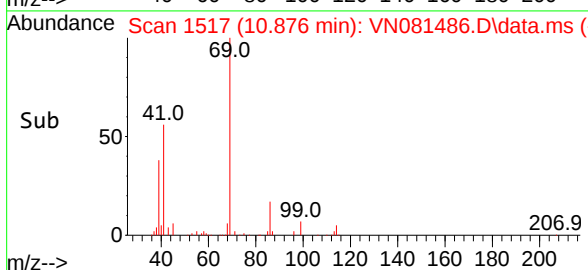
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

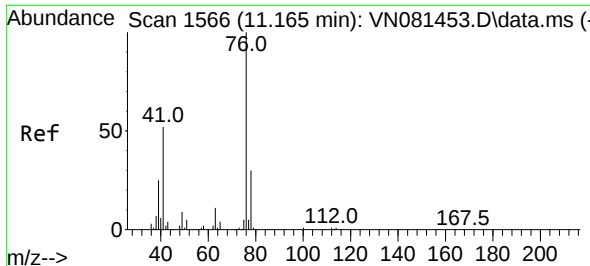


#56
Ethyl methacrylate
Concen: 52.812 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53



Tgt Ion: 69 Resp: 456107
Ion Ratio Lower Upper
69 100
41 59.0 61.0 91.6#
39 34.4 31.8 47.6





#57

1,3-Dichloropropane

Concen: 56.054 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081486.D

Acq: 20 Mar 2024 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 529750

Ion Ratio Lower Upper

76 100

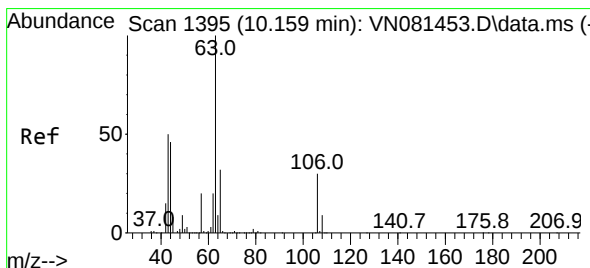
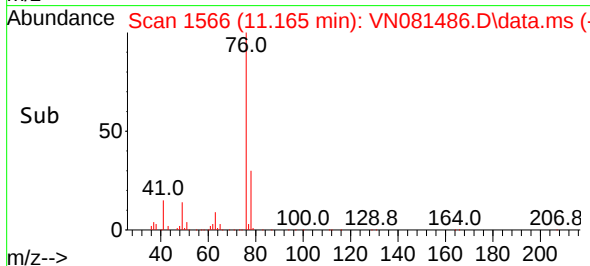
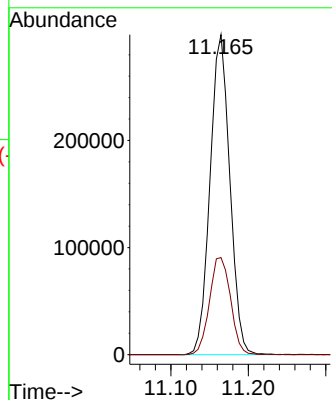
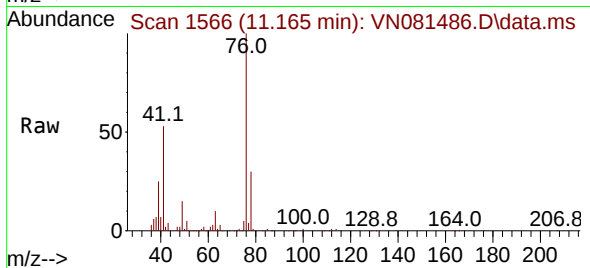
78 32.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#58

2-Chloroethyl Vinyl ether

Concen: 284.902 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081486.D

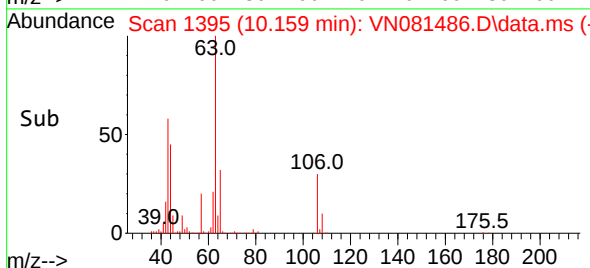
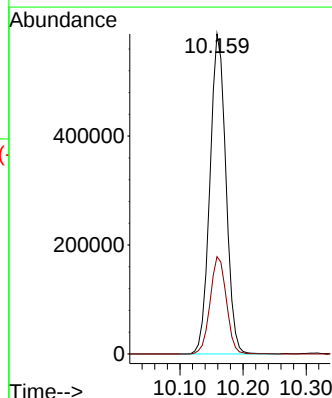
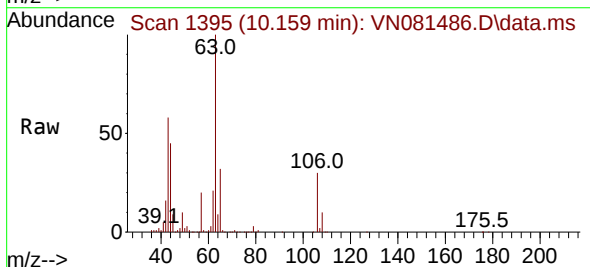
Acq: 20 Mar 2024 11:53

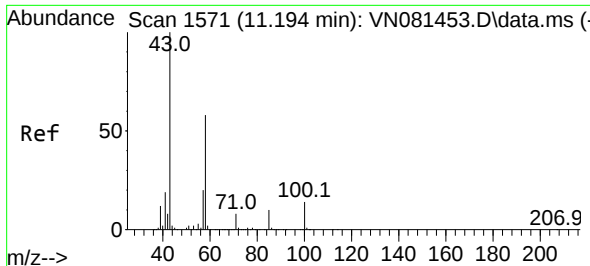
Tgt Ion: 63 Resp: 1033489

Ion Ratio Lower Upper

63 100

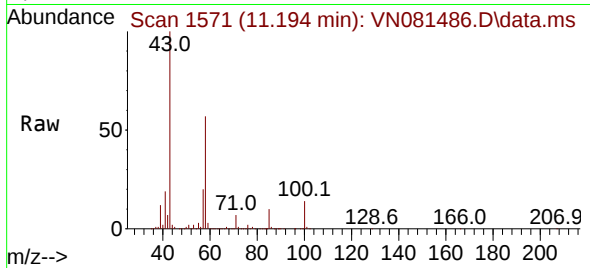
106 30.7 18.6 28.0#





#59
2-Hexanone
Concen: 248.834 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

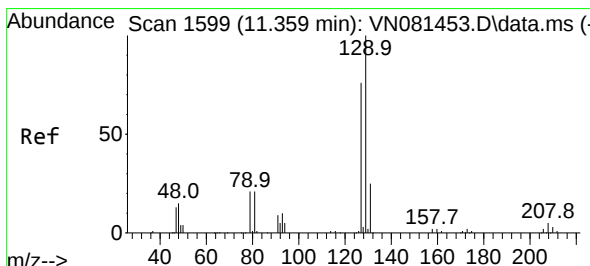
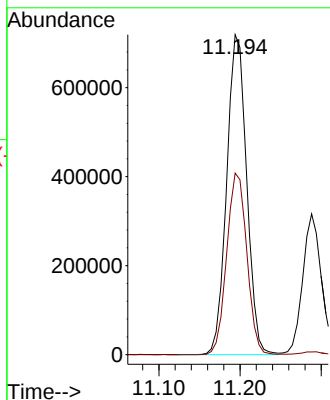
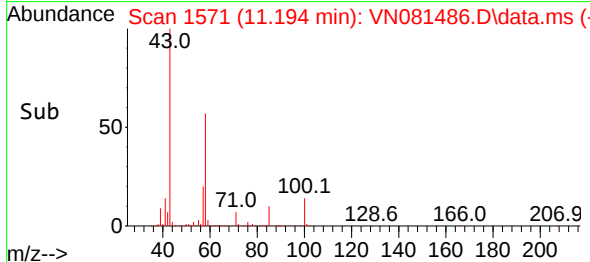
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 122839
Ion Ratio Lower Upper
43 100
58 57.3 25.9 77.8

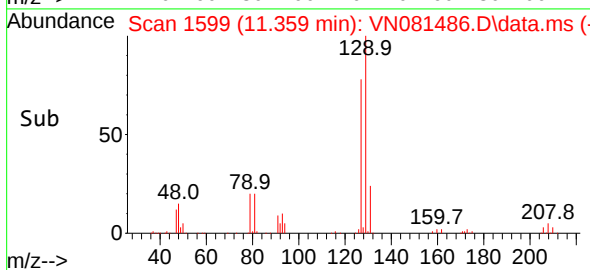
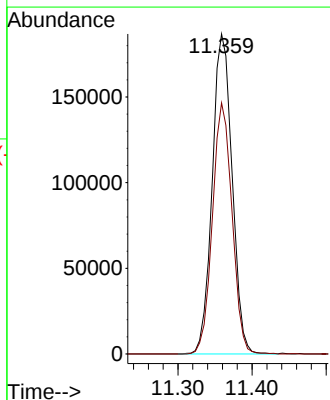
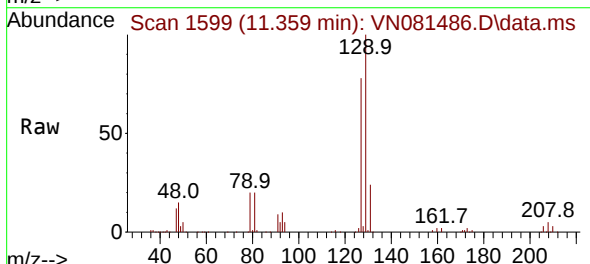
Manual Integrations
APPROVED

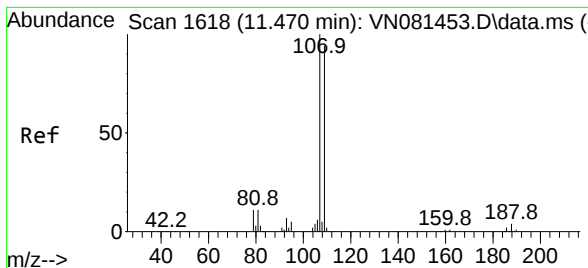
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#60
Dibromochloromethane
Concen: 54.866 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

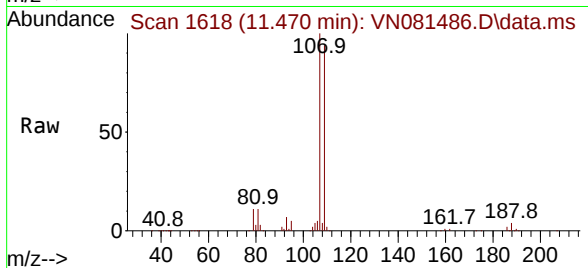
Tgt Ion:129 Resp: 347859
Ion Ratio Lower Upper
129 100
127 77.3 39.4 118.2





#61
1,2-Dibromoethane
Concen: 54.200 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

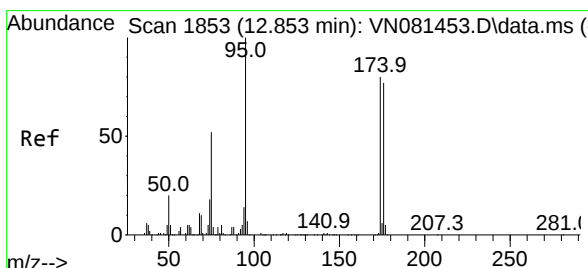
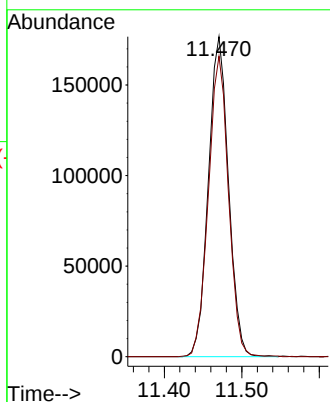
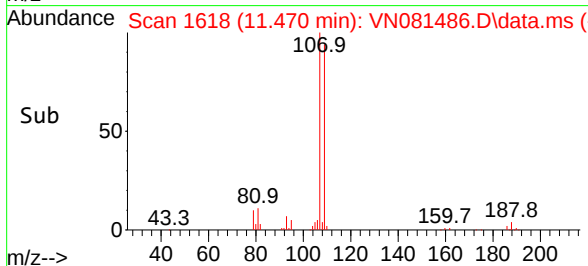
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



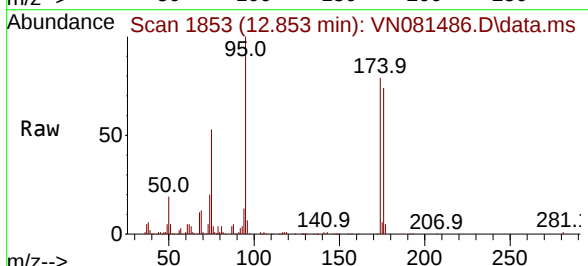
Tgt Ion:107 Resp: 318568
Ion Ratio Lower Upper
107 100
109 93.8 73.4 110.2

Manual Integrations
APPROVED

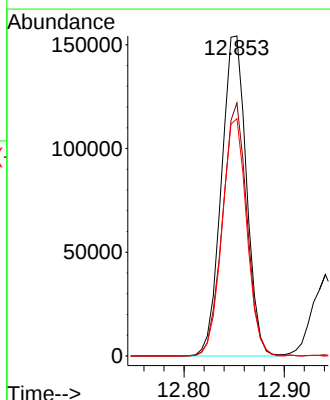
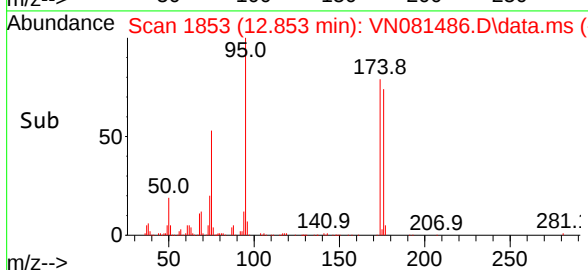
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

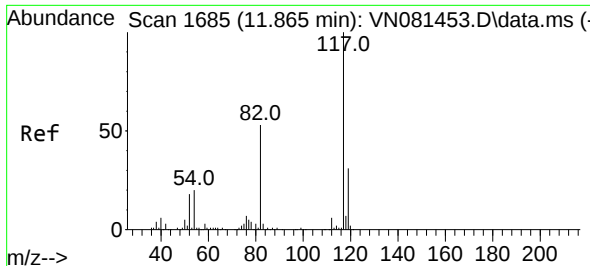


#62
4-Bromofluorobenzene
Concen: 45.749 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53



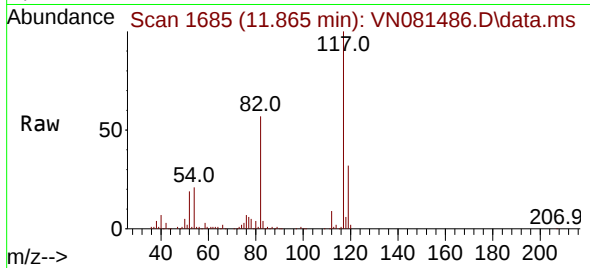
Tgt Ion: 95 Resp: 266944
Ion Ratio Lower Upper
95 100
174 77.0 0.0 120.4
176 73.1 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

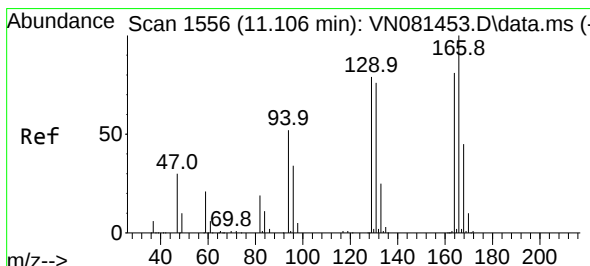
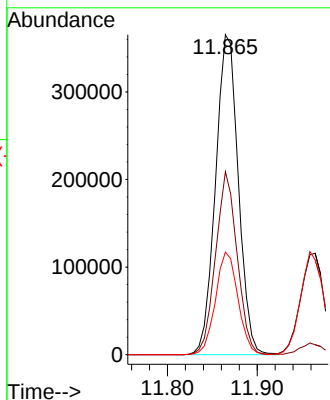
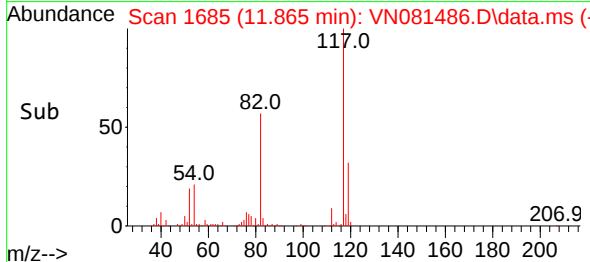
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 64459
Ion Ratio Lower Upper
117 100
82 57.2 52.7 79.1
119 32.0 25.3 37.9

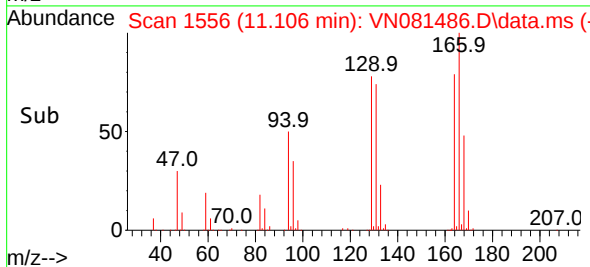
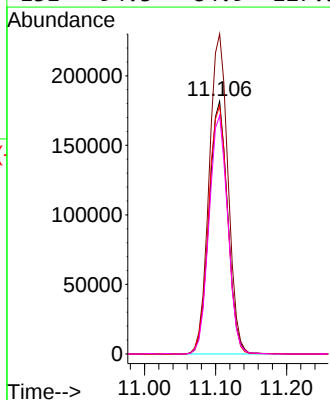
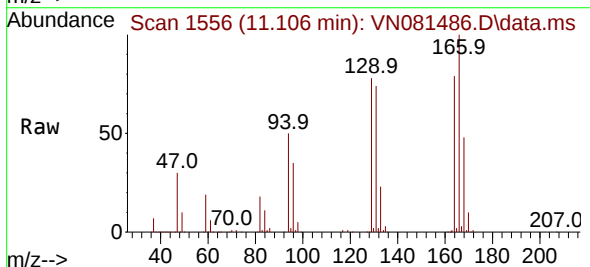
Manual Integrations
APPROVED

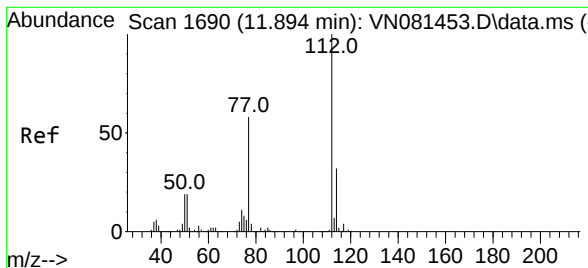
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#64
Tetrachloroethene
Concen: 53.762 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

Tgt Ion:164 Resp: 331256
Ion Ratio Lower Upper
164 100
166 126.6 105.8 158.6
129 98.2 89.6 134.4
131 94.3 84.9 127.3





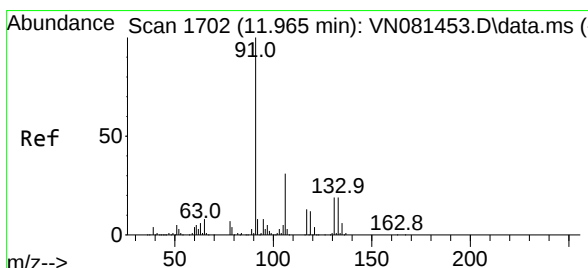
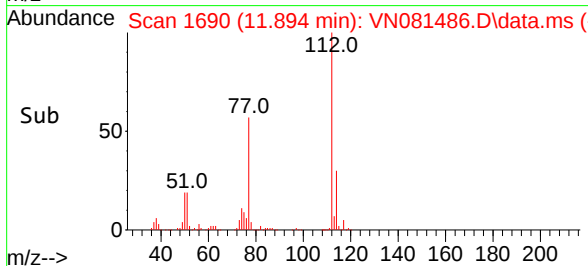
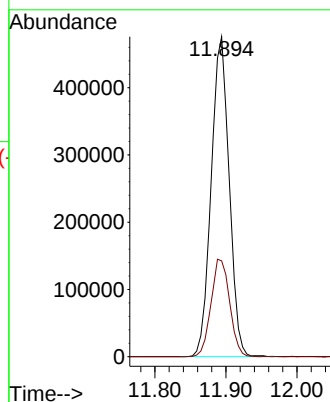
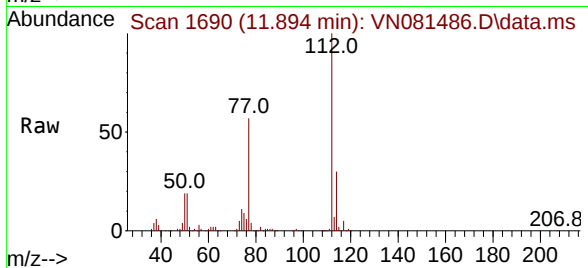
#65
Chlorobenzene
Concen: 54.794 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 834960
Ion Ratio Lower Upper
112 100
114 30.0 23.7 35.5

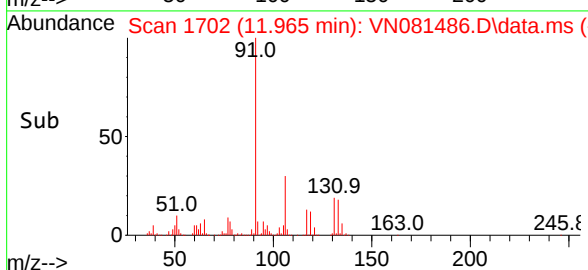
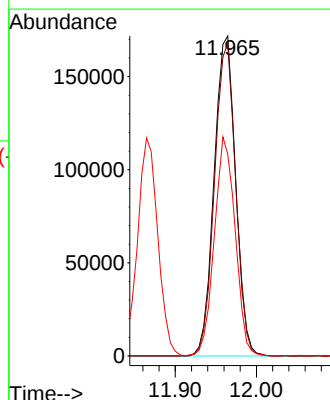
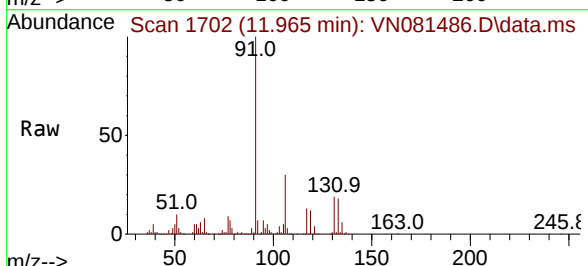
Manual Integrations
APPROVED

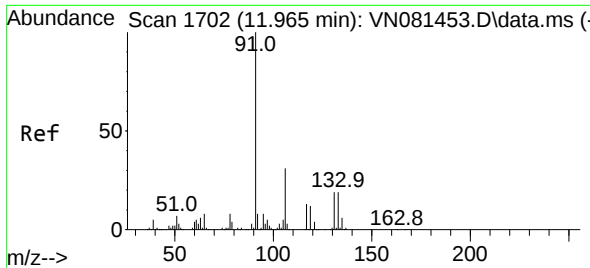
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 55.950 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

Tgt Ion:131 Resp: 315987
Ion Ratio Lower Upper
131 100
133 96.2 46.8 140.3
119 66.4 34.6 103.9





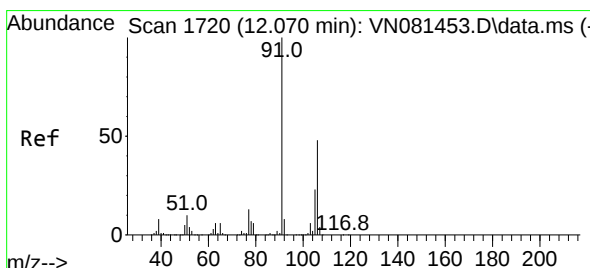
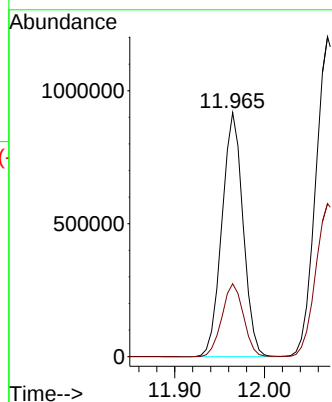
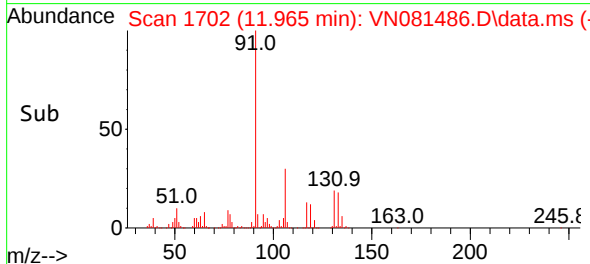
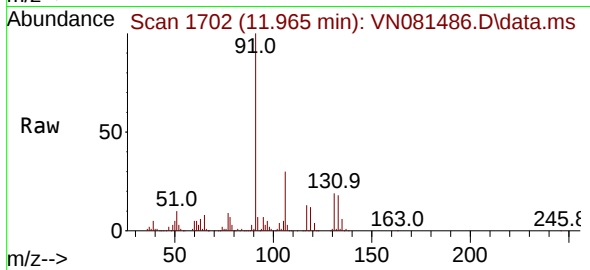
#67
Ethyl Benzene
Concen: 56.671 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1500073
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.6

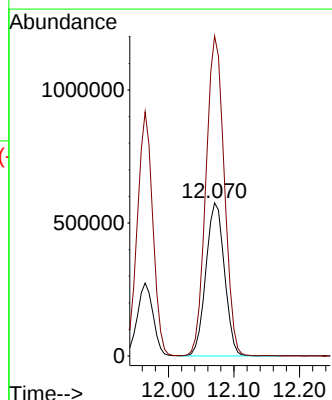
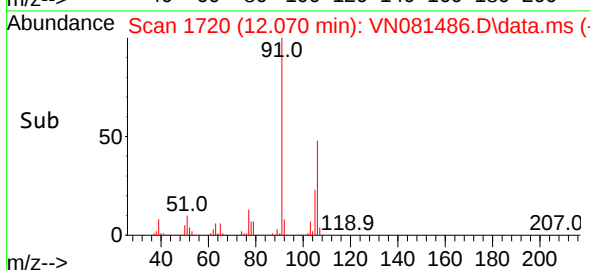
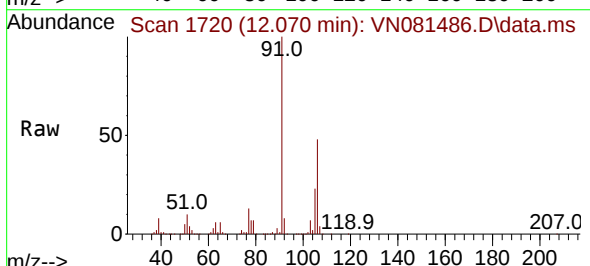
Manual Integrations
APPROVED

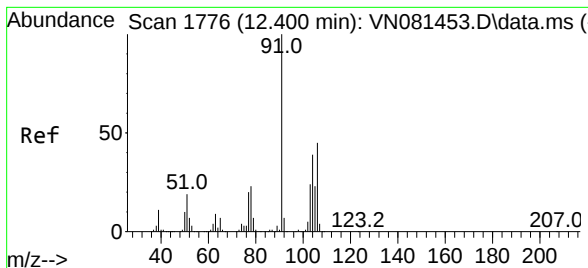
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#68
m/p-Xylenes
Concen: 114.150 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

Tgt Ion:106 Resp: 1132723
Ion Ratio Lower Upper
106 100
91 206.2 169.0 253.6





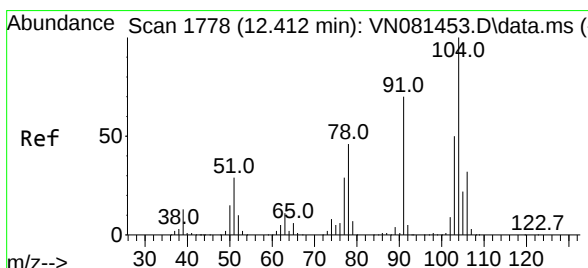
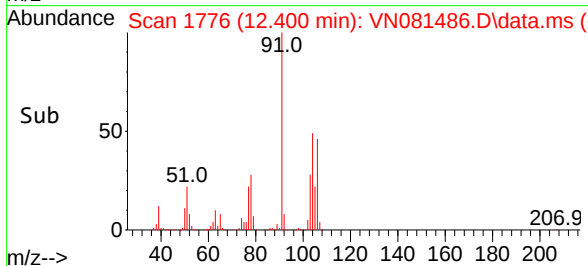
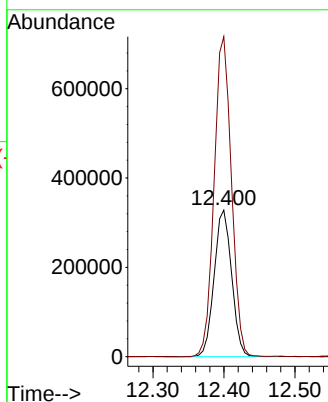
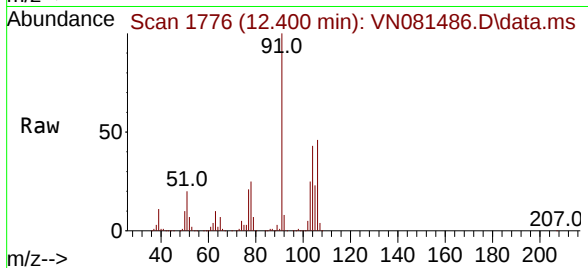
#69
o-Xylene
Concen: 57.465 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 559800
Ion Ratio Lower Upper
106 100
91 216.0 112.1 336.3

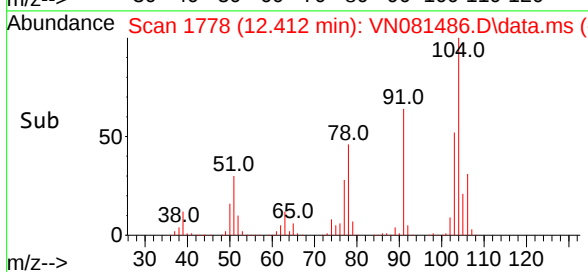
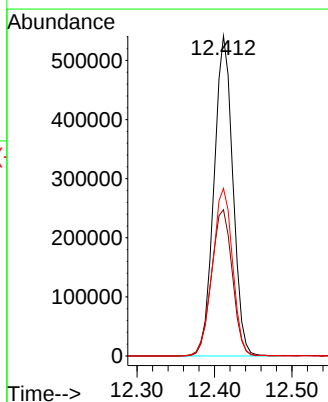
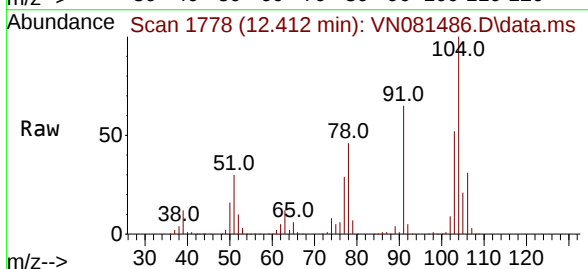
Manual Integrations
APPROVED

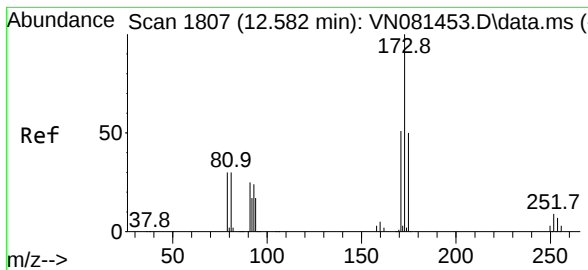
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#70
Styrene
Concen: 58.232 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

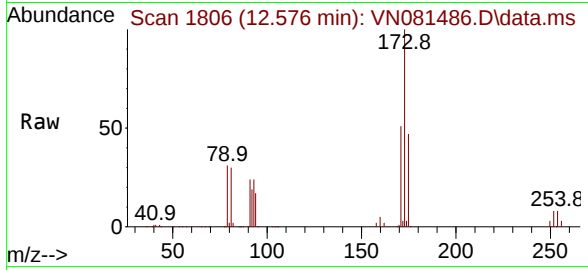
Tgt Ion:104 Resp: 914909
Ion Ratio Lower Upper
104 100
78 50.7 43.8 65.8
103 55.9 44.2 66.2





#71
Bromoform
Concen: 53.360 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

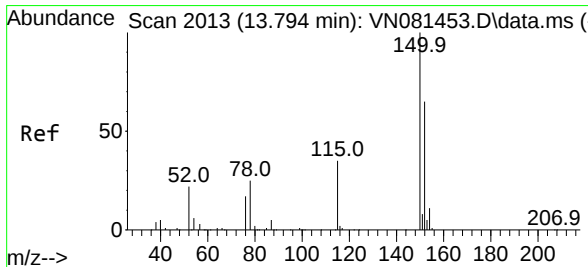
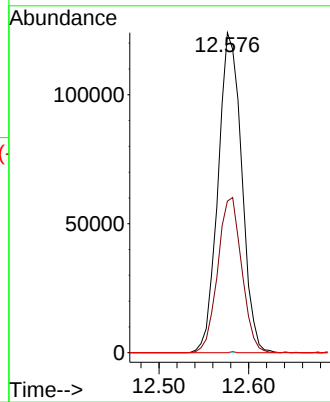
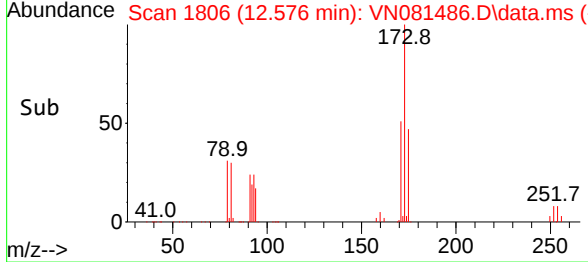
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



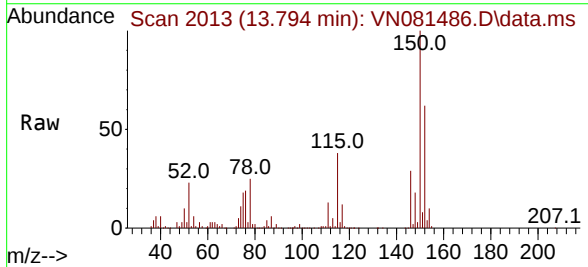
Tgt Ion:173 Resp: 226459
Ion Ratio Lower Upper
173 100
175 49.3 23.1 69.2
254 0.1 0.0 0.0

Manual Integrations
APPROVED

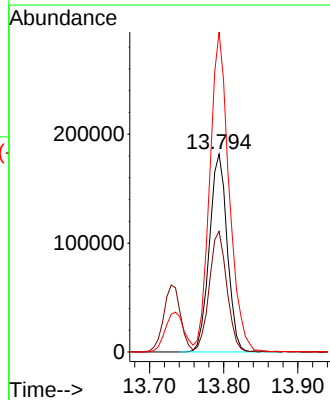
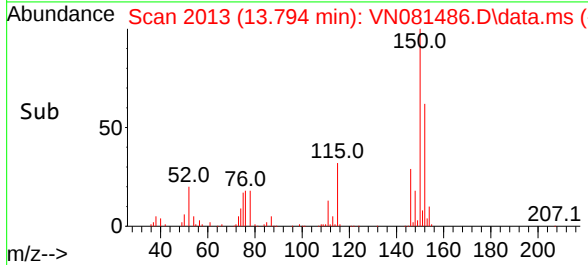
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

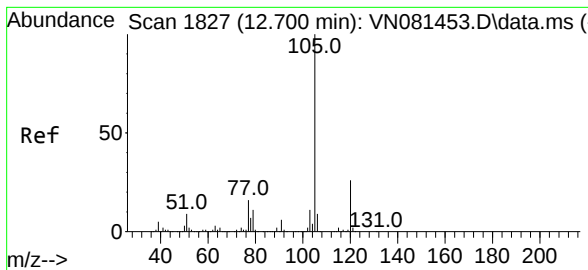


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53



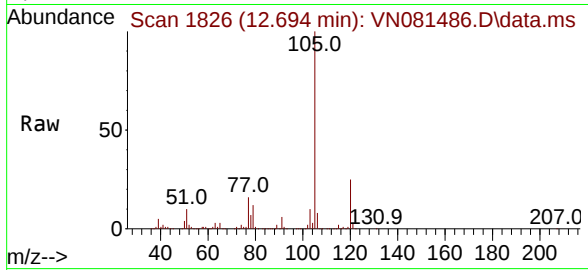
Tgt Ion:152 Resp: 304011
Ion Ratio Lower Upper
152 100
115 60.3 32.3 96.8
150 174.6 0.0 339.8





#73
Isopropylbenzene
Concen: 55.663 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

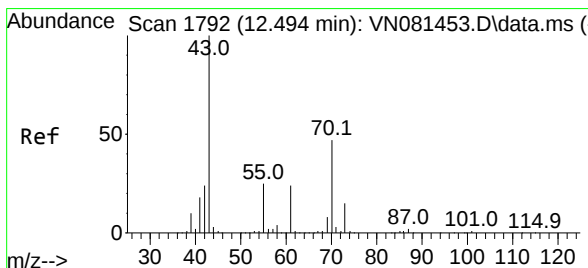
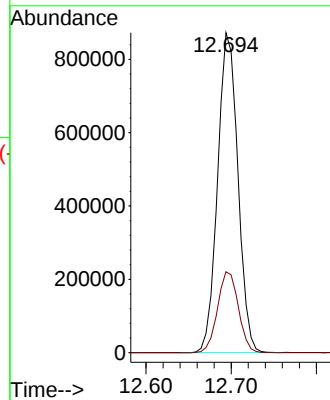
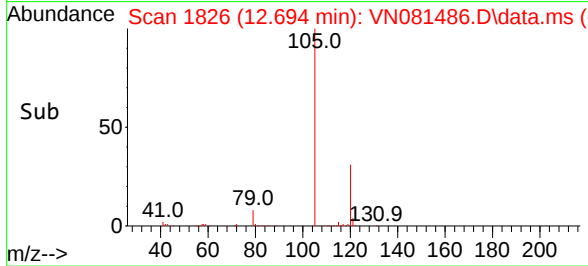
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050



Tgt Ion:105 Resp: 1442459
Ion Ratio Lower Upper
105 100
120 25.9 12.6 37.6

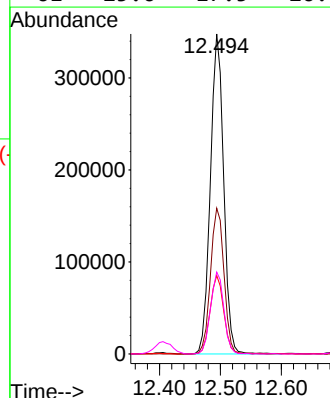
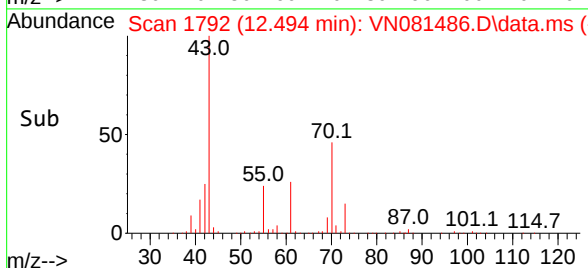
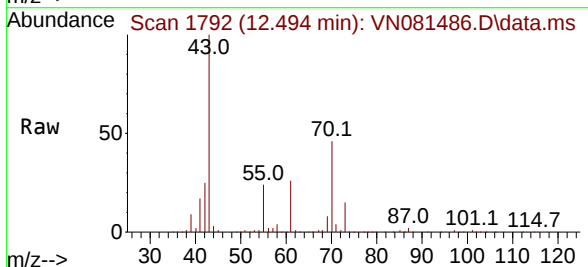
Manual Integrations
APPROVED

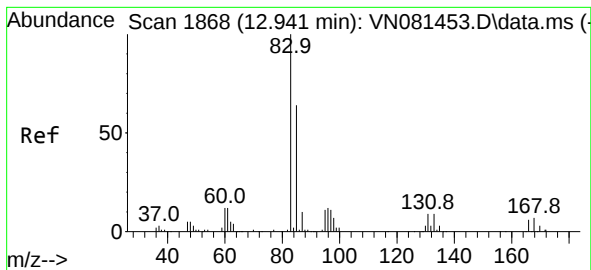
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#74
N-ethyl acetate
Concen: 56.239 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

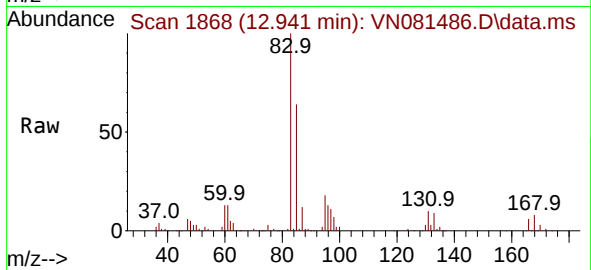
Tgt Ion: 43 Resp: 527410
Ion Ratio Lower Upper
43 100
70 46.2 30.1 45.1#
55 25.1 17.0 25.4
61 25.6 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 49.508 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

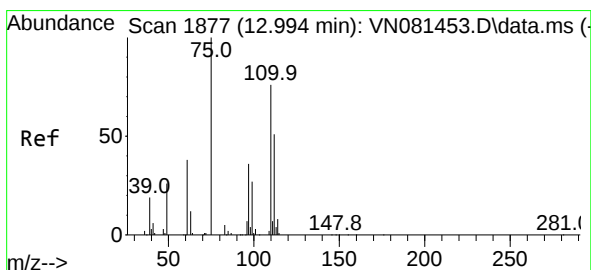
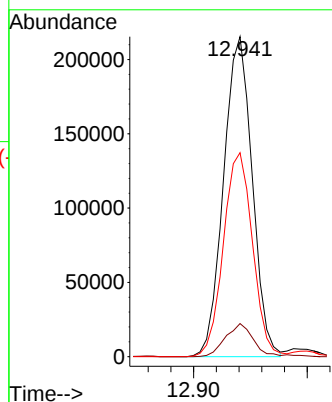
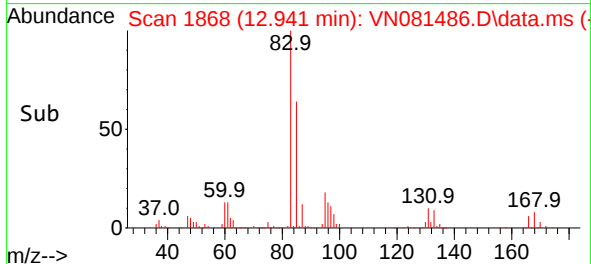
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 377212
Ion Ratio Lower Upper
83 100
131 10.3 4.1 12.3
85 64.9 32.1 96.3

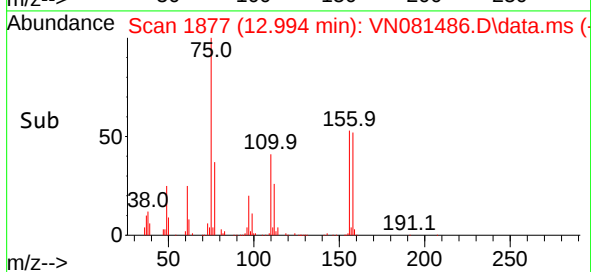
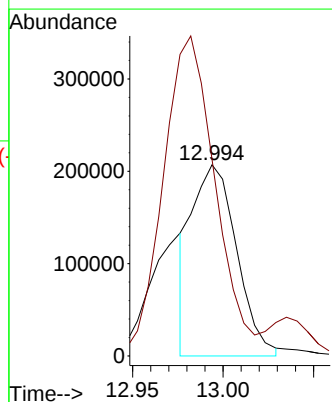
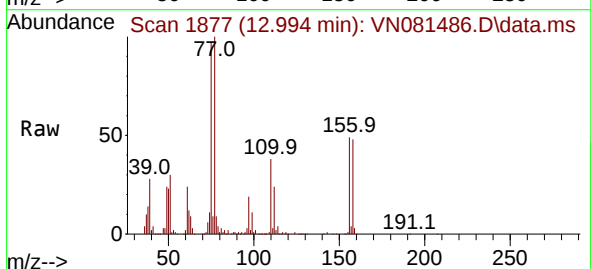
Manual Integrations
APPROVED

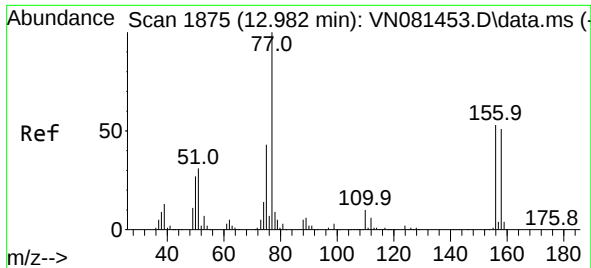
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#76
1,2,3-Trichloropropane
Concen: 48.651 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

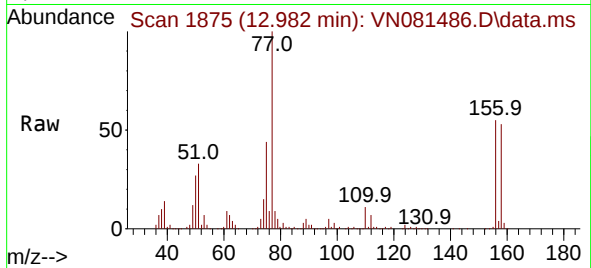
Tgt Ion: 75 Resp: 353796
Ion Ratio Lower Upper
75 100
77 195.7 91.0 272.8





#77
Bromobenzene
Concen: 52.092 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

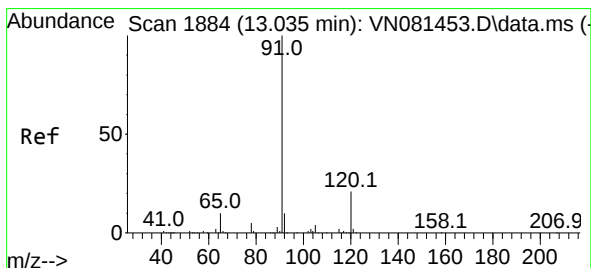
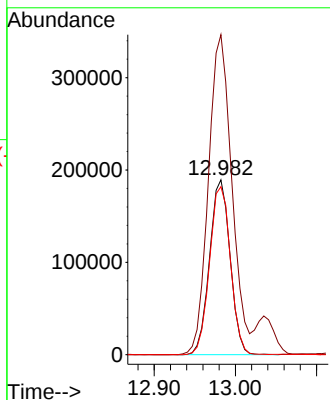
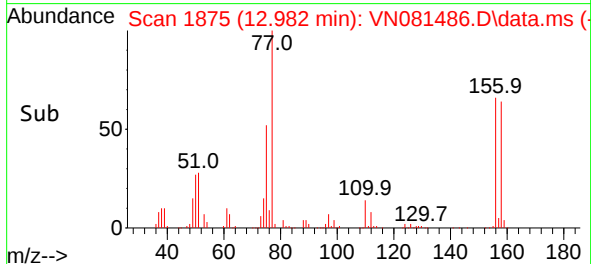
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 33346
Ion Ratio Lower Upper
156 100
77 207.6 138.1 414.3
158 97.8 46.5 139.5

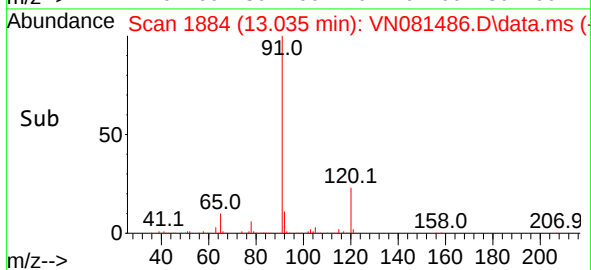
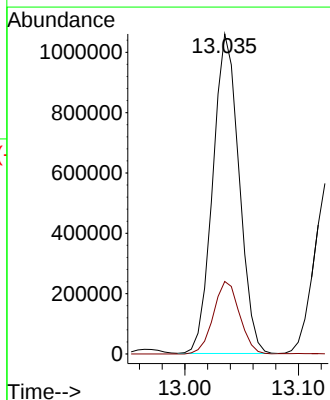
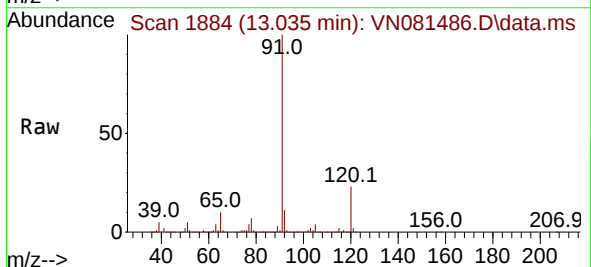
Manual Integrations
APPROVED

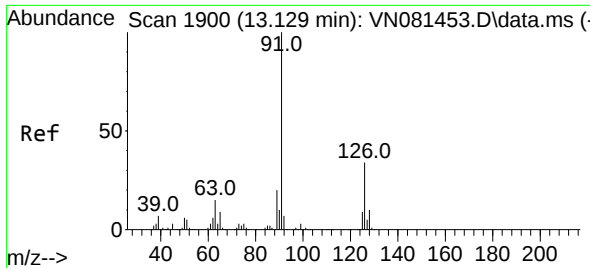
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#78
n-propylbenzene
Concen: 55.602 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

Tgt Ion: 91 Resp: 1701600
Ion Ratio Lower Upper
91 100
120 22.6 10.3 30.9





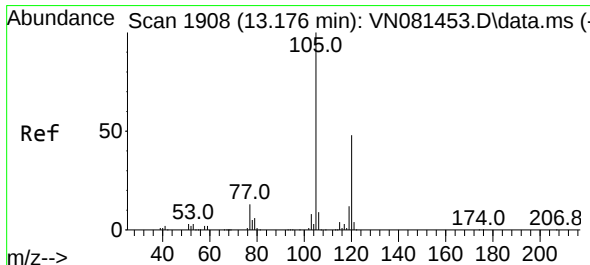
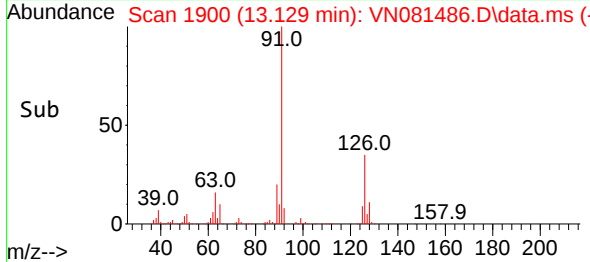
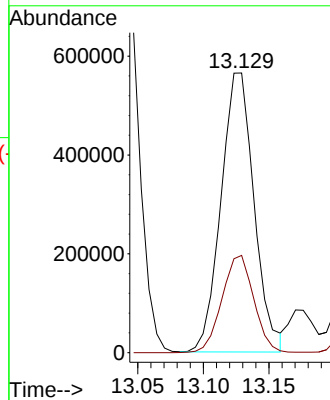
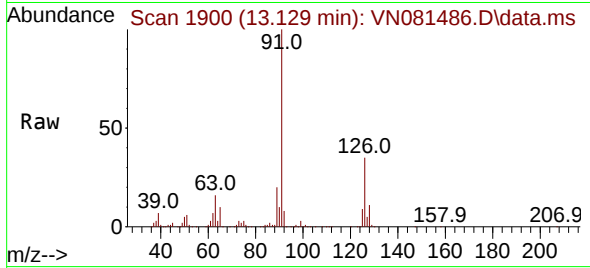
#79
2-Chlorotoluene
Concen: 54.152 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 991874
Ion Ratio Lower Upper
91 100
126 33.6 14.8 44.4

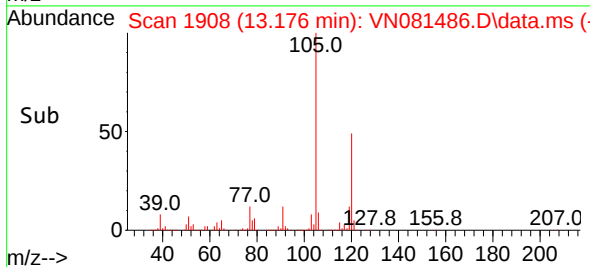
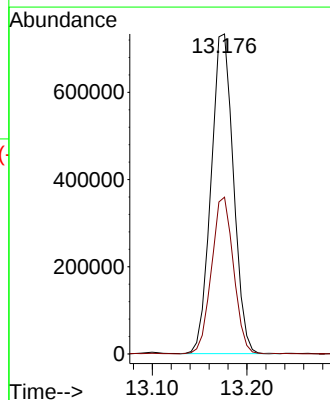
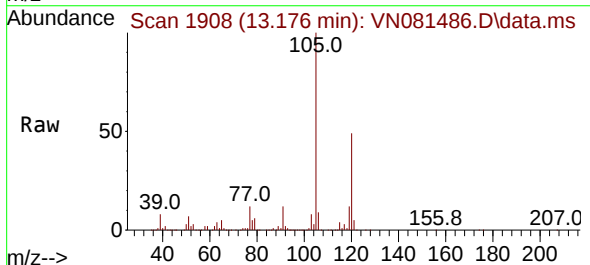
Manual Integrations
APPROVED

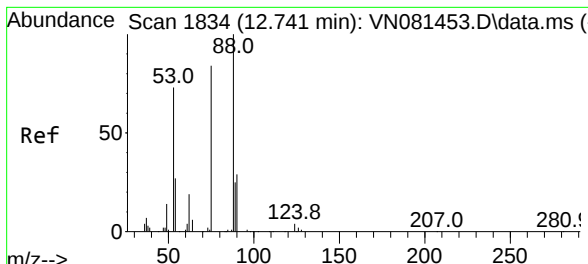
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#80
1,3,5-Trimethylbenzene
Concen: 56.280 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

Tgt Ion:105 Resp: 1204616
Ion Ratio Lower Upper
105 100
120 48.2 23.0 69.0





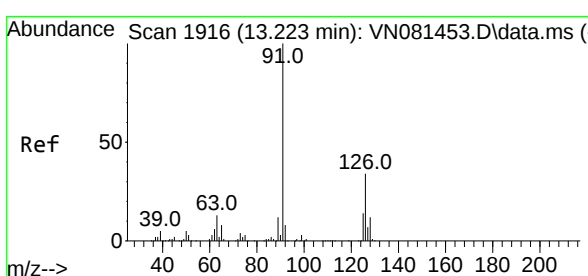
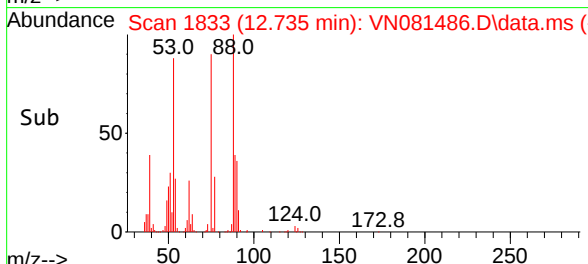
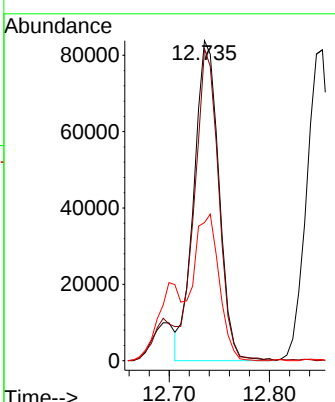
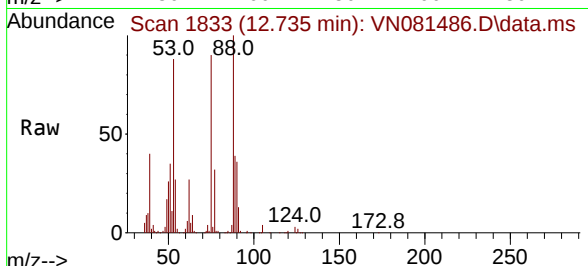
#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.988 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: VN081486.D
 Acq: 20 Mar 2024 11:53

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050

Tgt Ion:	75	Resp:	14528
Ion Ratio	Lower	Upper	
75	100		
53	94.0	71.4	107.2
89	48.2	33.4	50.0

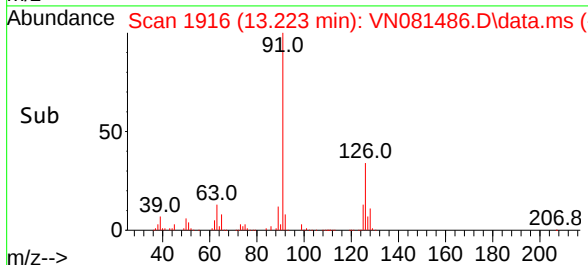
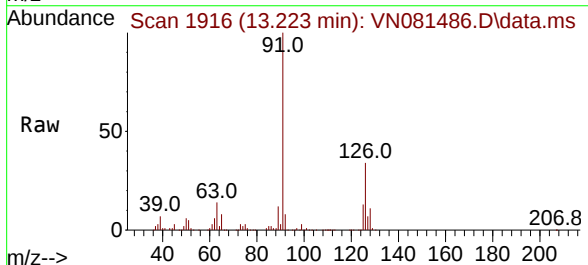
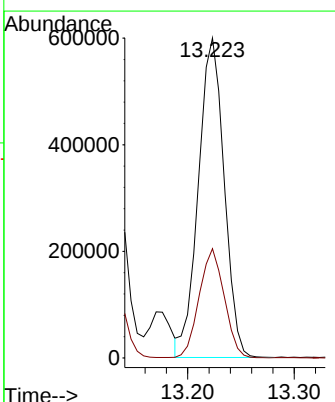
Manual Integrations
 APPROVED

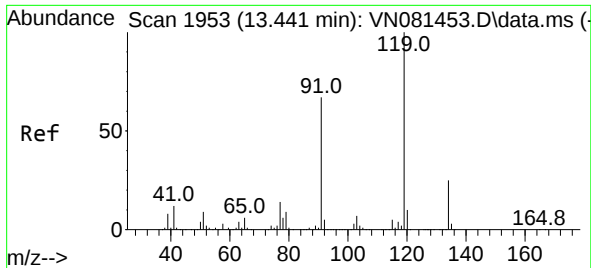
Reviewed By :John Carlone 03/21/2024
 Supervised By :Mahesh Dadoda 03/21/2024



#82
 4-Chlorotoluene
 Concen: 55.698 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: VN081486.D
 Acq: 20 Mar 2024 11:53

Tgt Ion:	91	Resp:	1005819
Ion Ratio	Lower	Upper	
91	100		
126	33.2	15.3	45.9





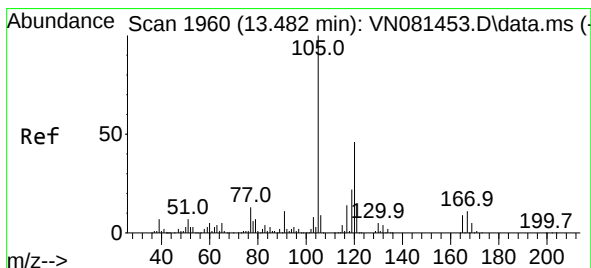
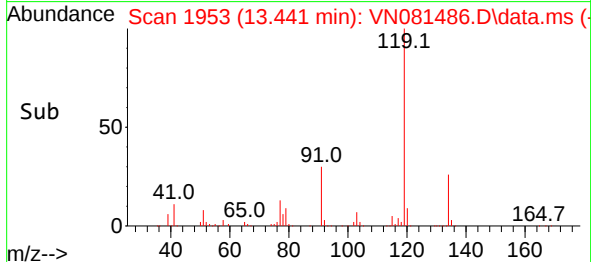
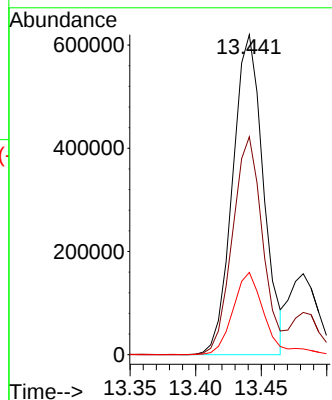
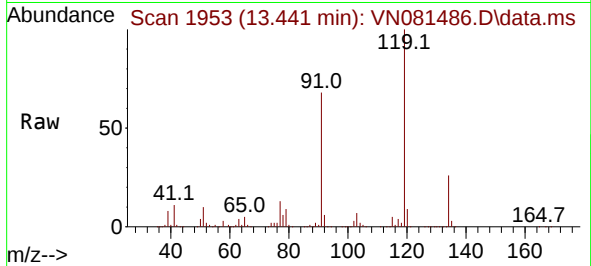
#83
tert-Butylbenzene
Concen: 54.845 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 1012289
Ion Ratio Lower Upper
119 100
91 66.4 36.8 110.4
134 26.6 12.4 37.4

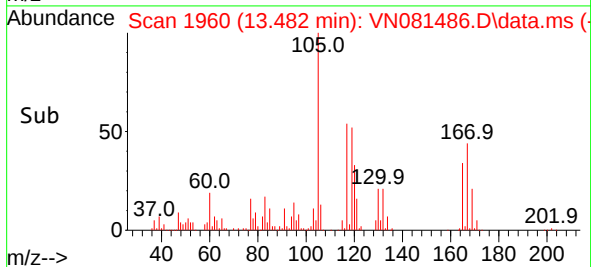
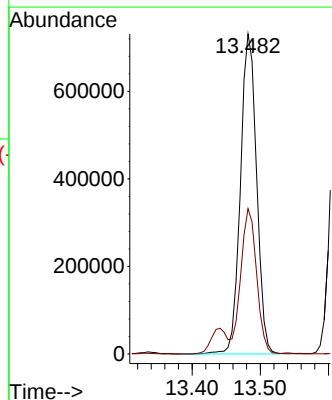
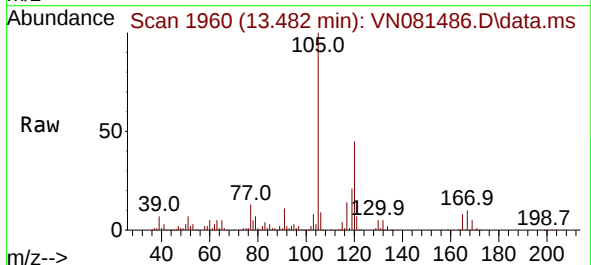
Manual Integrations
APPROVED

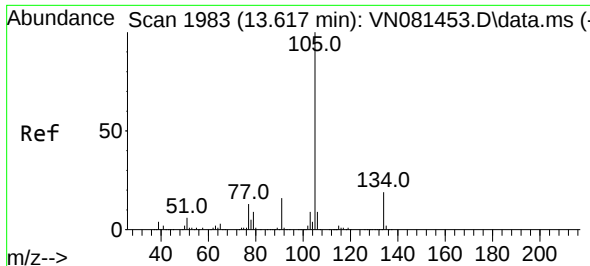
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#84
1,2,4-Trimethylbenzene
Concen: 55.990 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

Tgt Ion:105 Resp: 1204480
Ion Ratio Lower Upper
105 100
120 44.8 20.9 62.7





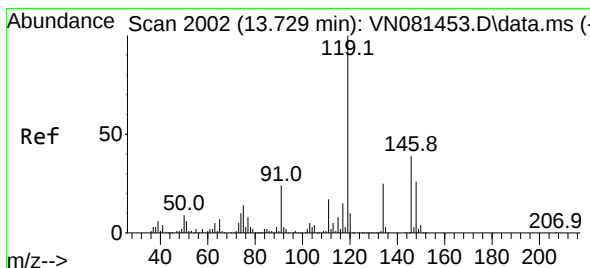
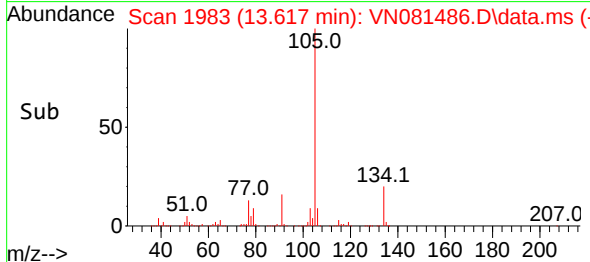
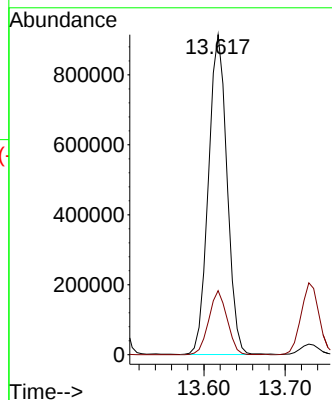
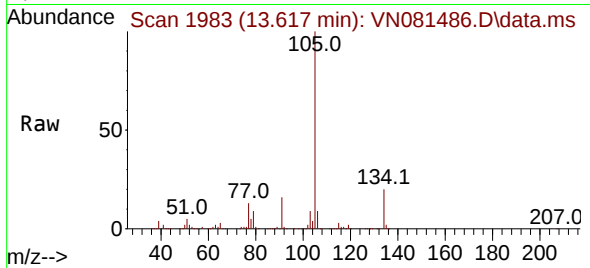
#85
 sec-Butylbenzene
 Concen: 55.110 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081486.D
 Acq: 20 Mar 2024 11:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 145410
 Ion Ratio Lower Upper
 105 100
 134 19.7 8.6 25.8

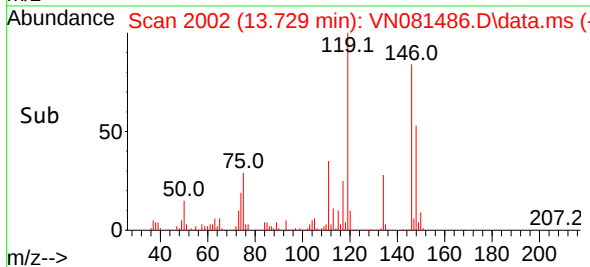
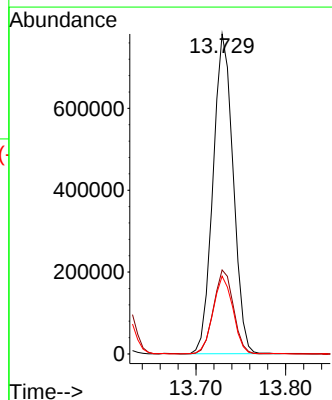
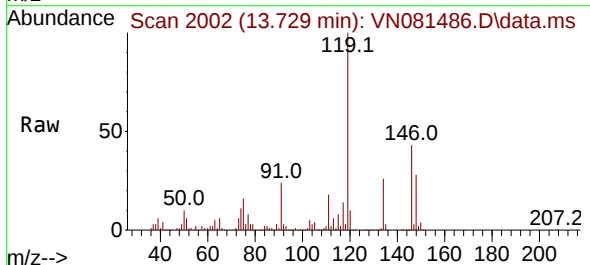
Manual Integrations
 APPROVED

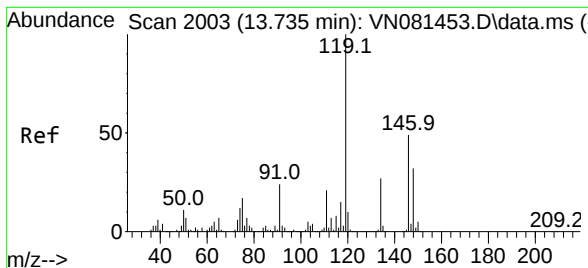
Reviewed By :John Carlone 03/21/2024
 Supervised By :Mahesh Dadoda 03/21/2024



#86
 p-Isopropyltoluene
 Concen: 56.414 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081486.D
 Acq: 20 Mar 2024 11:53

Tgt Ion:119 Resp: 1216775
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.4 37.2
 91 23.9 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 53.465 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN081486.D

Acq: 20 Mar 2024 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 628829

Ion Ratio Lower Upper

146 100

111 41.4 23.9 71.7

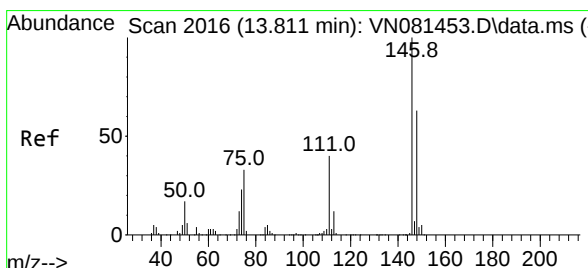
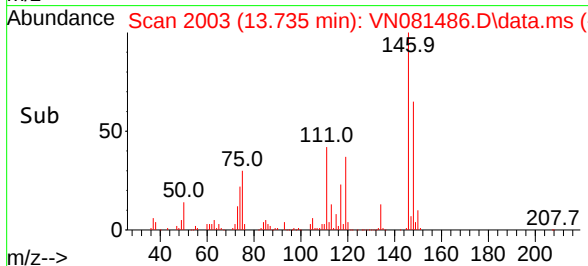
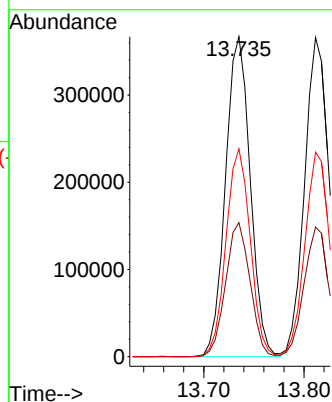
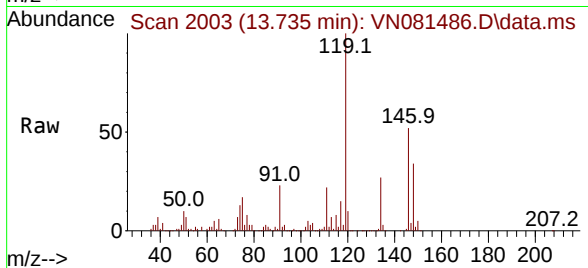
148 63.8 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#88

1,4-Dichlorobenzene

Concen: 51.078 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN081486.D

Acq: 20 Mar 2024 11:53

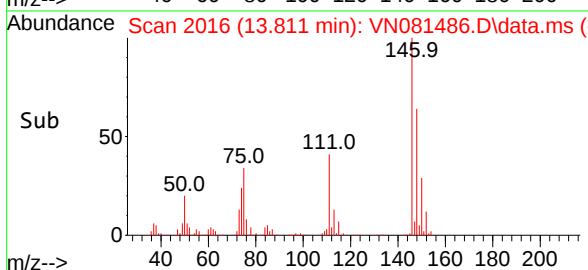
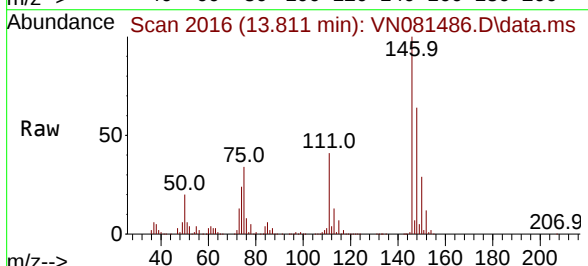
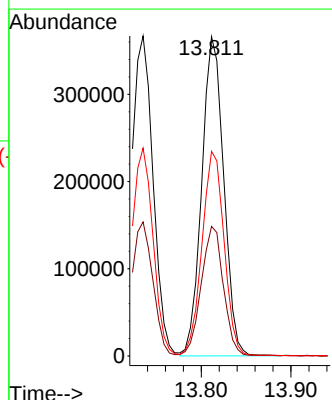
Tgt Ion:146 Resp: 622055

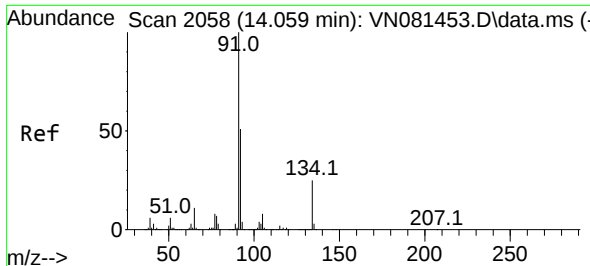
Ion Ratio Lower Upper

146 100

111 40.8 22.6 67.7

148 64.7 31.9 95.5





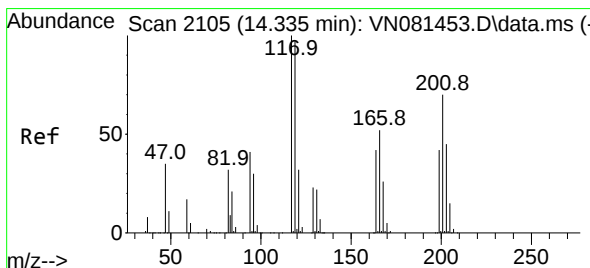
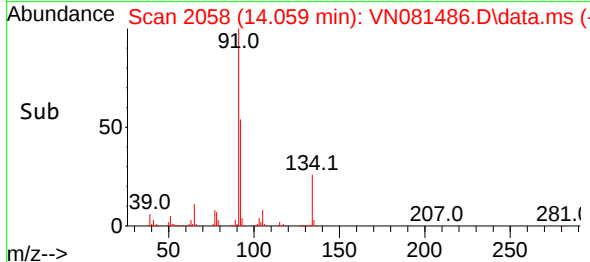
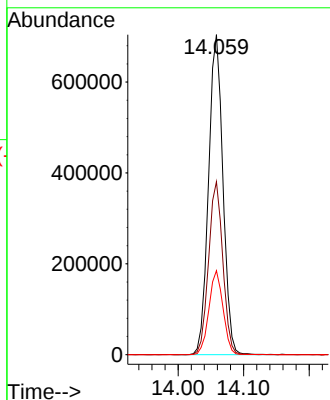
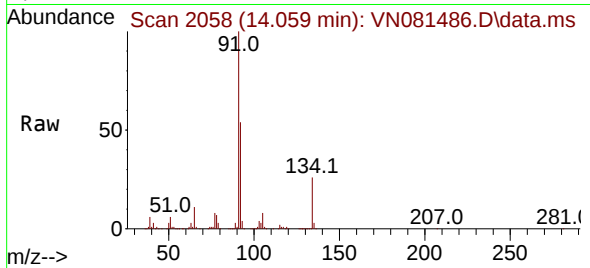
#89
n-Butylbenzene
Concen: 56.116 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 107324
Ion Ratio Lower Upper
91 100
92 53.6 26.7 80.1
134 25.8 10.8 32.4

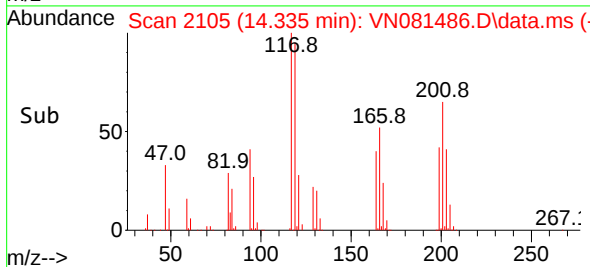
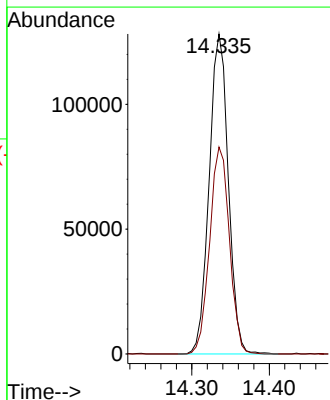
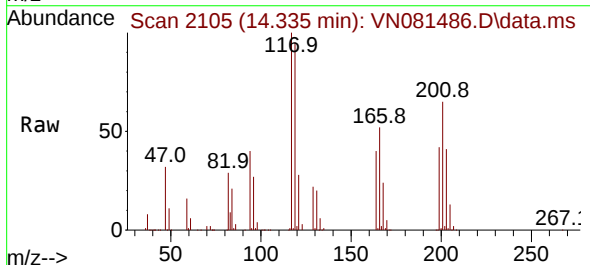
Manual Integrations
APPROVED

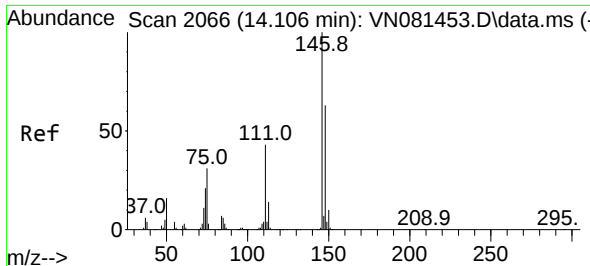
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#90
Hexachloroethane
Concen: 53.868 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

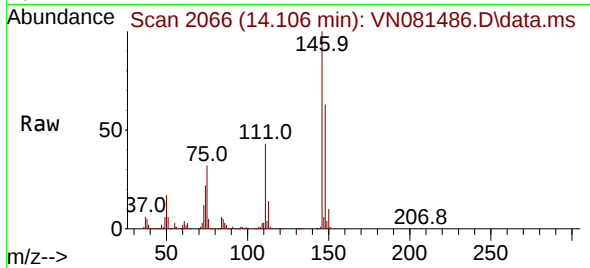
Tgt Ion:117 Resp: 220038
Ion Ratio Lower Upper
117 100
201 66.7 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 54.743 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

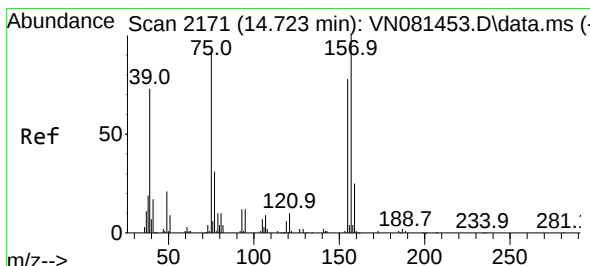
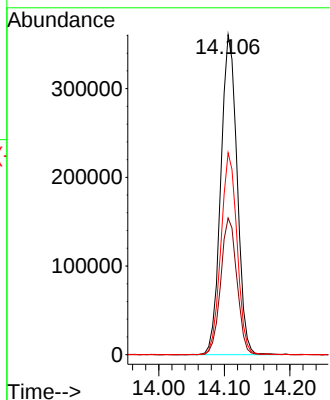
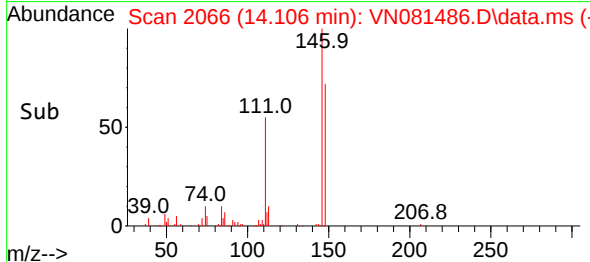
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 61970
Ion Ratio Lower Upper
146 100
111 42.4 23.9 71.8
148 62.5 31.4 94.0

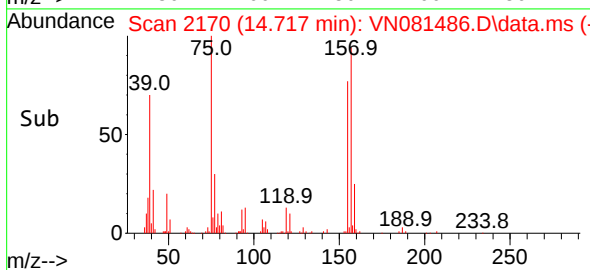
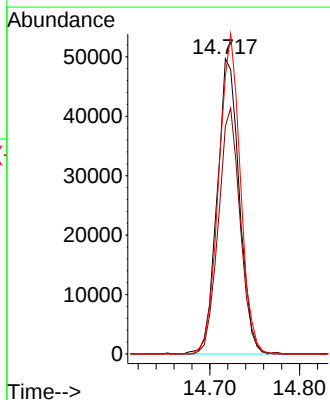
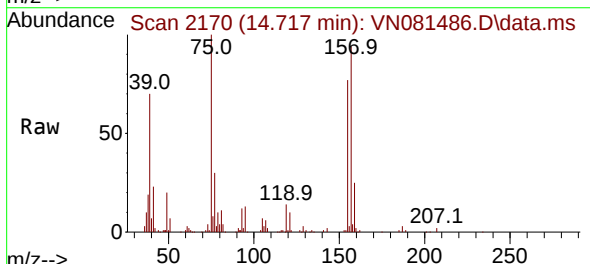
Manual Integrations
APPROVED

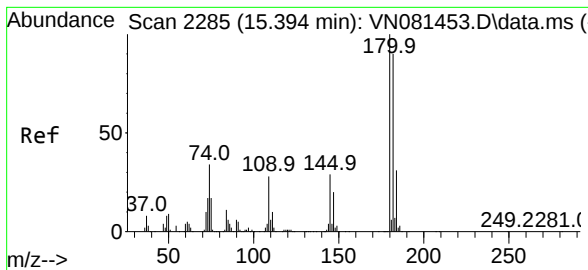
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.442 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

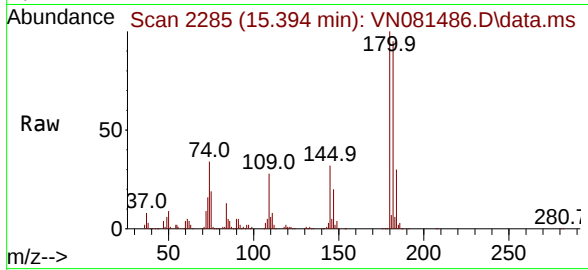
Tgt Ion: 75 Resp: 85035
Ion Ratio Lower Upper
75 100
155 81.9 31.8 95.4
157 105.5 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 59.751 ug/l
RT: 15.394 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

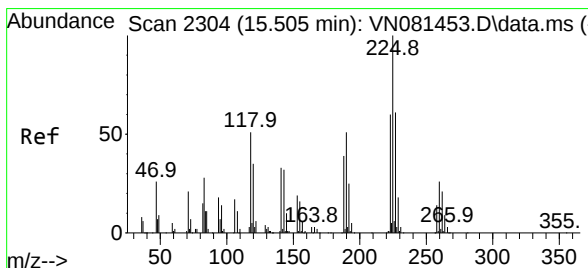
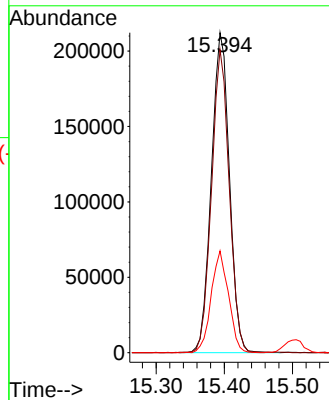
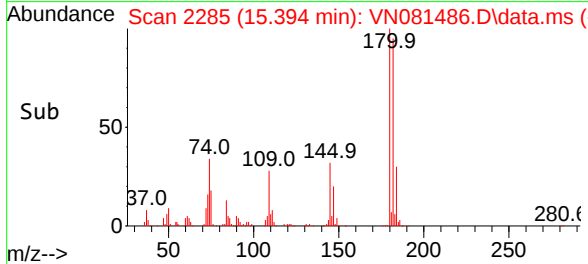
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 391102
Ion Ratio Lower Upper
180 100
182 92.9 46.6 139.7
145 30.6 16.8 50.3

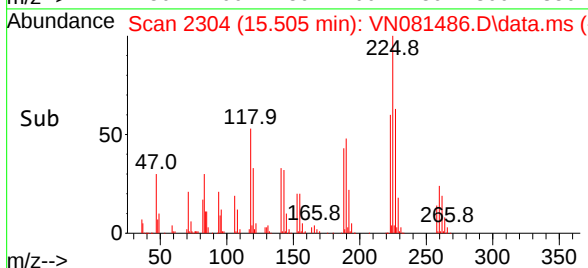
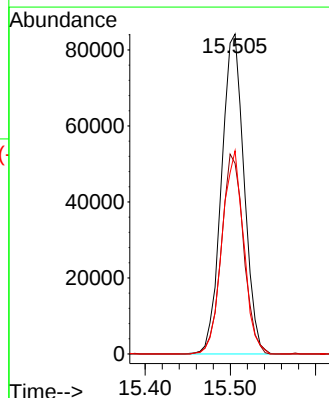
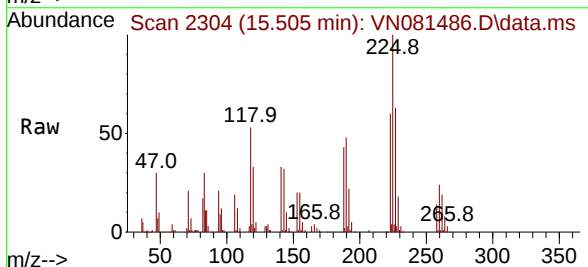
Manual Integrations
APPROVED

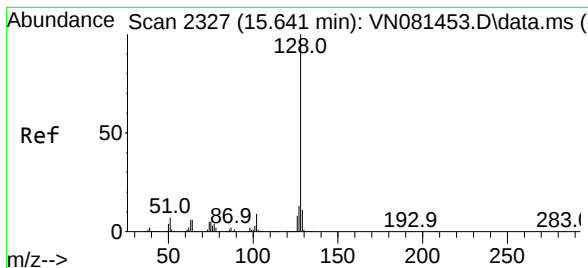
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#94
Hexachlorobutadiene
Concen: 53.853 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

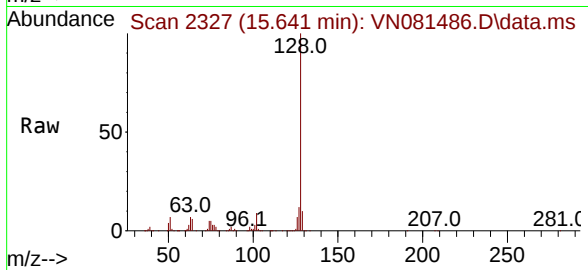
Tgt Ion:225 Resp: 154661
Ion Ratio Lower Upper
225 100
223 61.4 33.3 99.8
227 61.0 33.1 99.2





#95
Naphthalene
Concen: 58.553 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53

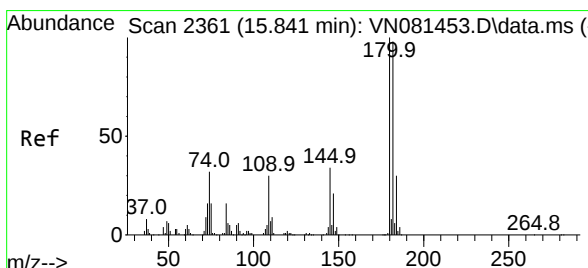
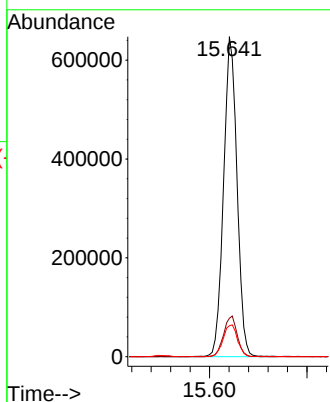
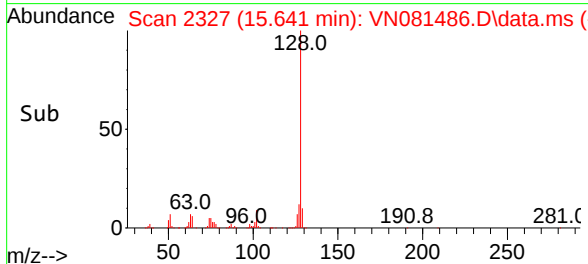
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



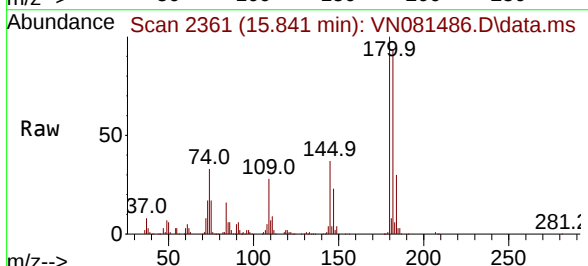
Tgt Ion:128 Resp: 1241889
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#96
1,2,3-Trichlorobenzene
Concen: 57.750 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081486.D
Acq: 20 Mar 2024 11:53



Tgt Ion:180 Resp: 380222
Ion Ratio Lower Upper
180 100
182 95.0 46.5 139.3
145 34.2 17.8 53.4

