

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040124\
 Data File : VN081636.D
 Acq On : 01 Apr 2024 09:38
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Apr 02 01:09:29 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	384487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	653147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	616448	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	305787	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	252077	51.410	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.820%	
35) Dibromofluoromethane	8.165	113	229973	55.791	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.580%	
50) Toluene-d8	10.570	98	786977	52.815	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.640%	
62) 4-Bromofluorobenzene	12.847	95	294924	56.172	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 112.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	210542	40.668	ug/l	95
3) Chloromethane	2.359	50	223234	43.308	ug/l	96
4) Vinyl Chloride	2.518	62	257542	44.520	ug/l	95
5) Bromomethane	2.953	94	166223	40.630	ug/l	95
6) Chloroethane	3.118	64	189589	47.733	ug/l	98
7) Trichlorofluoromethane	3.494	101	415636	48.210	ug/l	94
8) Diethyl Ether	3.959	74	137578	48.219	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	241938	49.388	ug/l	# 89
10) Methyl Iodide	4.588	142	257211	52.725	ug/l	98
11) Tert butyl alcohol	5.512	59	215249	251.908	ug/l	99
12) 1,1-Dichloroethene	4.341	96	215123	47.409	ug/l	85
13) Acrolein	4.177	56	131288	171.228	ug/l	97
14) Allyl chloride	5.018	41	266184	46.815	ug/l	# 84
15) Acrylonitrile	5.718	53	542260	237.215	ug/l	97
16) Acetone	4.418	43	338669	213.724	ug/l	100
17) Carbon Disulfide	4.712	76	517804	39.766	ug/l	99
18) Methyl Acetate	5.018	43	266100	54.469	ug/l	# 87
19) Methyl tert-butyl Ether	5.794	73	748248	52.690	ug/l	95
20) Methylene Chloride	5.283	84	256844	49.482	ug/l	# 83
21) trans-1,2-Dichloroethene	5.783	96	246051	48.633	ug/l	88
22) Diisopropyl ether	6.665	45	706132	53.449	ug/l	# 92
23) Vinyl Acetate	6.600	43	2611666	248.355	ug/l	# 90
24) 1,1-Dichloroethane	6.571	63	449694	50.821	ug/l	96
25) 2-Butanone	7.482	43	621996	228.849	ug/l	# 84
26) 2,2-Dichloropropane	7.488	77	423918	55.236	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	302824	52.901	ug/l	83
28) Bromochloromethane	7.818	49	162440	45.071	ug/l	# 50
29) Tetrahydrofuran	7.835	42	432050	235.967	ug/l	# 78
30) Chloroform	7.965	83	511869	54.036	ug/l	97
31) Cyclohexane	8.253	56	338773	42.459	ug/l	# 74
32) 1,1,1-Trichloroethane	8.165	97	447056	52.018	ug/l	94
36) 1,1-Dichloropropene	8.371	75	342584	49.386	ug/l	94
37) Ethyl Acetate	7.559	43	269118	45.306	ug/l	# 95
38) Carbon Tetrachloride	8.365	117	392800	51.691	ug/l	96
39) Methylcyclohexane	9.600	83	388084	50.097	ug/l	84
40) Benzene	8.606	78	1048191	51.685	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	153691m	48.925	ug/l	
42) 1,2-Dichloroethane	8.671	62	364788	51.111	ug/l	97
43) Isopropyl Acetate	8.688	43	481834	48.936	ug/l #	91
44) Trichloroethene	9.353	130	291709	51.142	ug/l	96
45) 1,2-Dichloropropane	9.623	63	263904	53.693	ug/l	96
46) Dibromomethane	9.712	93	198693	53.232	ug/l #	88
47) Bromodichloromethane	9.888	83	409788	56.152	ug/l #	99
48) Methyl methacrylate	9.682	41	219983	48.439	ug/l #	83
49) 1,4-Dioxane	9.694	88	100001	916.272	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	1451564	241.600	ug/l	91
52) Toluene	10.629	92	687714	53.352	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	422331	53.593	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	451482	53.437	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	284602	54.863	ug/l	96
56) Ethyl methacrylate	10.876	69	382939	49.631	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	457449	53.792	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	871907	267.118	ug/l #	84
59) 2-Hexanone	11.194	43	1074554	241.905	ug/l	90
60) Dibromochloromethane	11.359	129	322644	56.554	ug/l	97
61) 1,2-Dibromoethane	11.470	107	284660	53.823	ug/l	97
64) Tetrachloroethene	11.106	164	309846	52.583	ug/l	88
65) Chlorobenzene	11.894	112	758303	52.035	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.964	131	293110	54.269	ug/l	96
67) Ethyl Benzene	11.964	91	1324138	52.308	ug/l	96
68) m/p-Xylenes	12.070	106	1048106	110.445	ug/l	93
69) o-Xylene	12.400	106	505320	54.240	ug/l	94
70) Styrene	12.412	104	862360	57.393	ug/l	94
71) Bromoform	12.582	173	220721	54.383	ug/l #	98
73) Isopropylbenzene	12.700	105	1321433	50.696	ug/l	96
74) N-amyl acetate	12.494	43	426452	45.209	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	355094	46.335	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	330461m	45.178	ug/l	
77) Bromobenzene	12.982	156	316352	49.131	ug/l	69
78) n-propylbenzene	13.035	91	1591190	51.692	ug/l	94
79) 2-Chlorotoluene	13.129	91	941754	51.117	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	1136011	52.767	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	132137	48.817	ug/l	89
82) 4-Chlorotoluene	13.223	91	930546	51.231	ug/l	91
83) tert-Butylbenzene	13.441	119	959058	51.659	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	1147166	53.016	ug/l	94
85) sec-Butylbenzene	13.617	105	1413507	53.260	ug/l	93
86) p-Isopropyltoluene	13.729	119	1191360	54.915	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	621349	52.522	ug/l	94
88) 1,4-Dichlorobenzene	13.811	146	612198	49.977	ug/l	96
89) n-Butylbenzene	14.058	91	1028707	53.475	ug/l	96
90) Hexachloroethane	14.335	117	220731	53.724	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	591576	51.954	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	72836	44.658	ug/l	69
93) 1,2,4-Trichlorobenzene	15.394	180	332210	50.459	ug/l	98
94) Hexachlorobutadiene	15.500	225	138222	47.849	ug/l	96
95) Naphthalene	15.641	128	1089060	51.049	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	346302	52.293	ug/l	98

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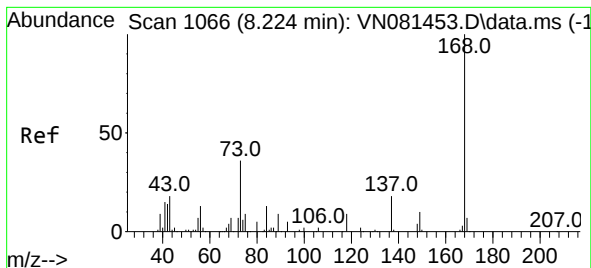
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/02/2024

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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

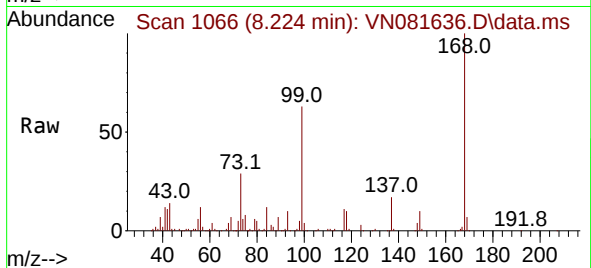
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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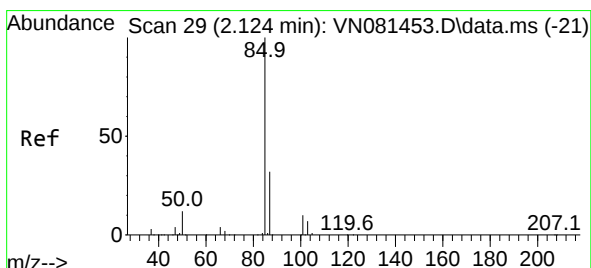
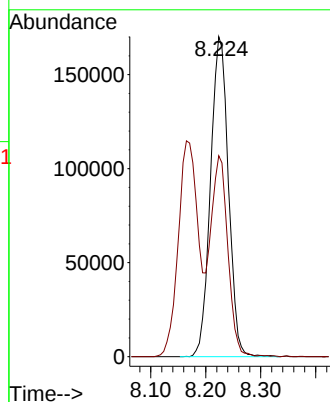
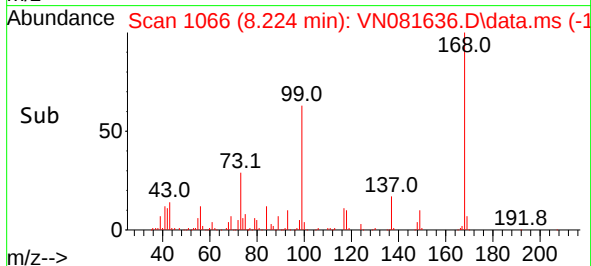
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



Tgt Ion: 168 Resp: 38448
Ion Ratio Lower Upper
168 100
99 62.8 59.9 89.9

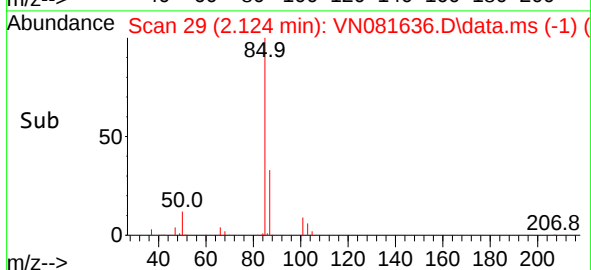
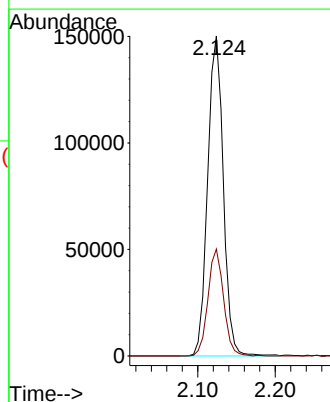
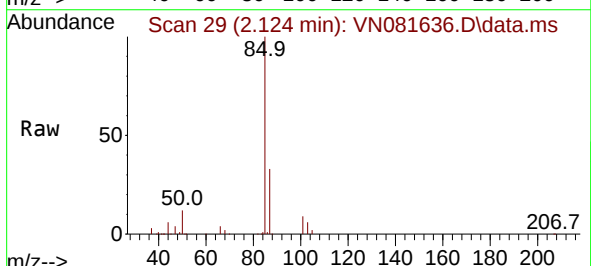
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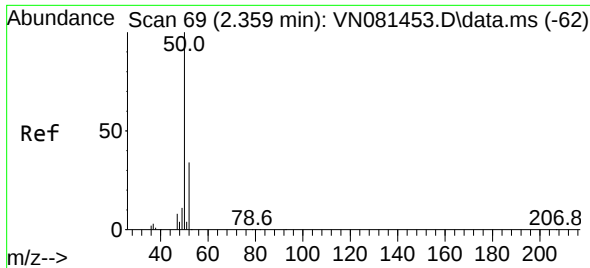
Reviewed By : John Carlone 04/02/2024
Supervised By : Mahesh Dadoda 04/02/2024



#2
Dichlorodifluoromethane
Concen: 40.668 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

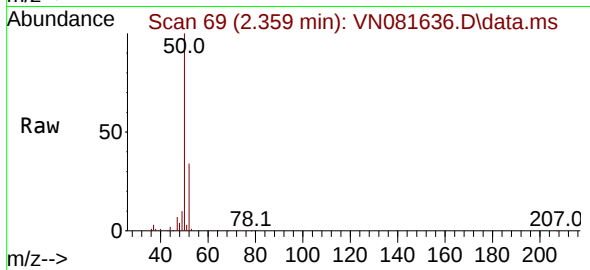
Tgt Ion: 85 Resp: 210542
Ion Ratio Lower Upper
85 100
87 33.4 15.3 45.9





#3
Chloromethane
Concen: 43.308 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

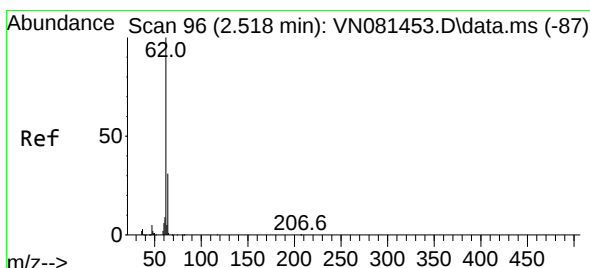
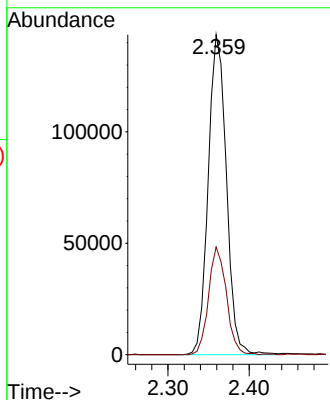
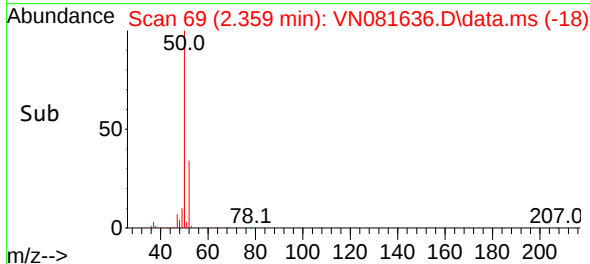
Instrument :
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Tgt Ion: 50 Resp: 223234
Ion Ratio Lower Upper
50 100
52 33.7 25.0 37.4

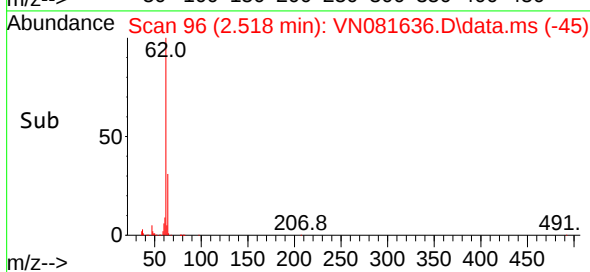
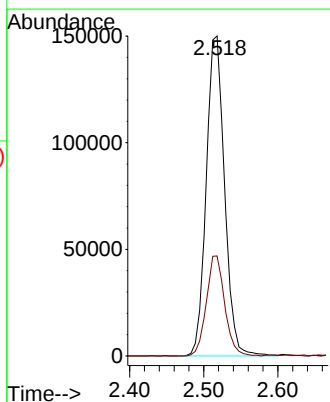
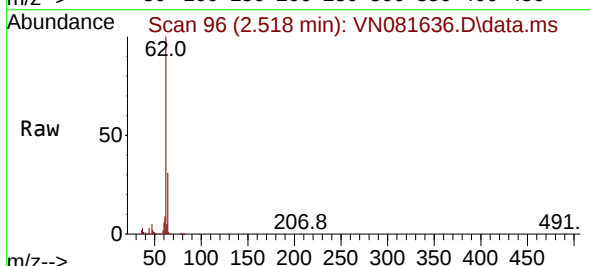
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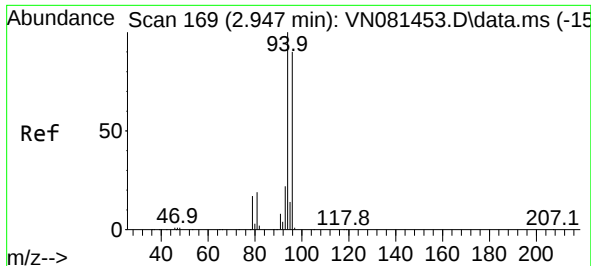
Reviewed By :John Carlone 04/02/2024
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#4
Vinyl Chloride
Concen: 44.520 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

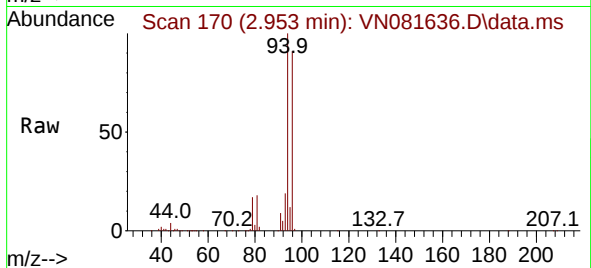
Tgt Ion: 62 Resp: 257542
Ion Ratio Lower Upper
62 100
64 31.3 22.7 34.1





#5
Bromomethane
Concen: 40.630 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

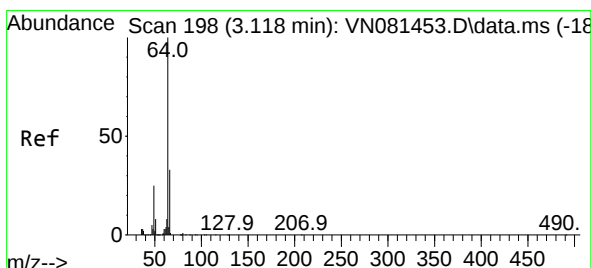
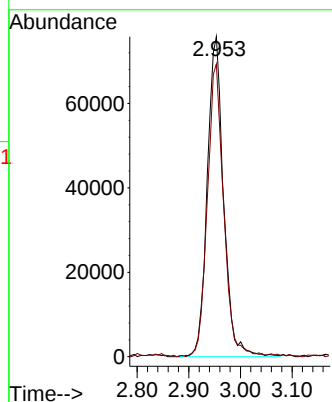
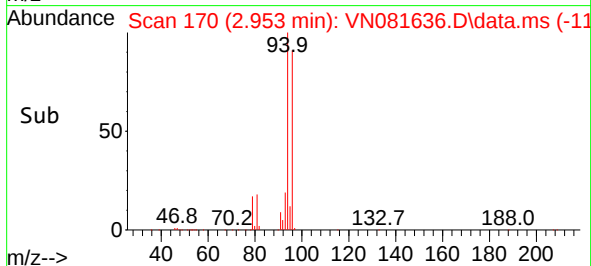
Instrument :
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Tgt Ion: 94 Resp: 16622
Ion Ratio Lower Upper
94 100
96 91.1 69.2 103.8

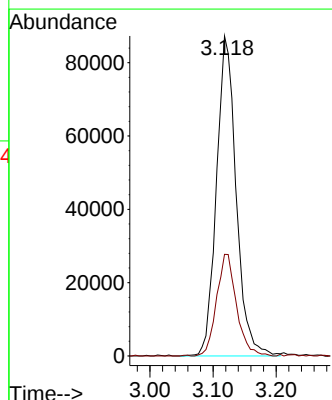
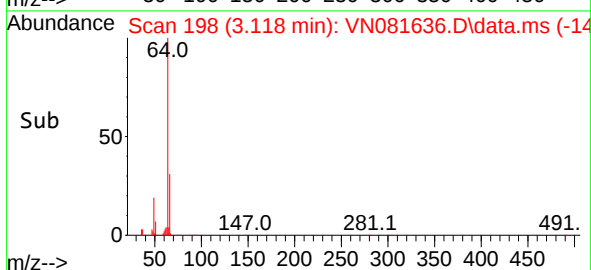
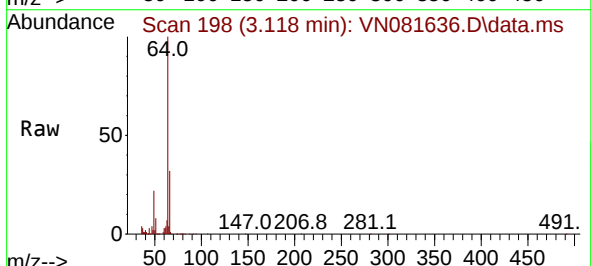
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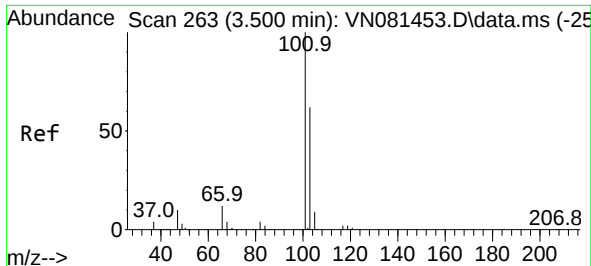
Reviewed By :John Carlone 04/02/2024
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#6
Chloroethane
Concen: 47.733 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
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Acq: 01 Apr 2024 09:38

Tgt Ion: 64 Resp: 189589
Ion Ratio Lower Upper
64 100
66 31.7 26.4 39.6





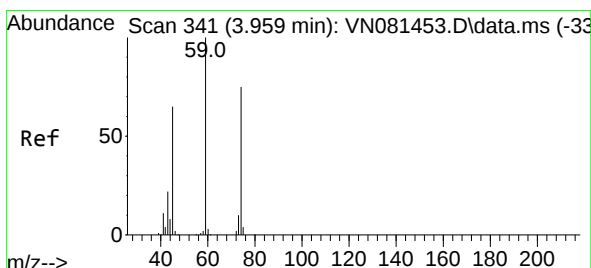
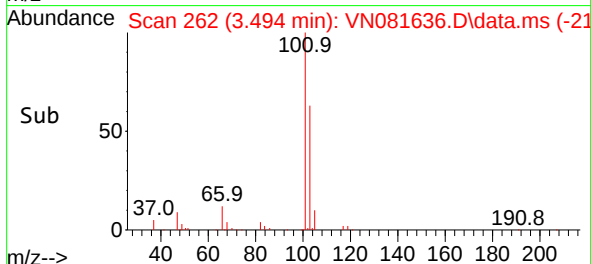
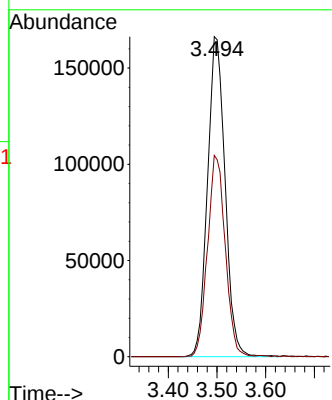
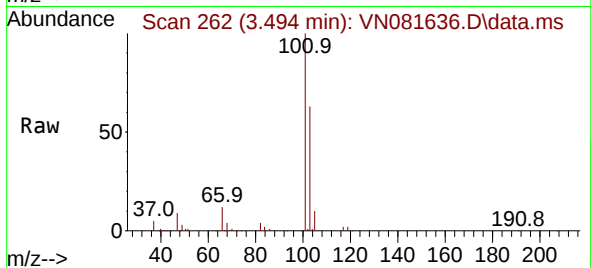
#7
Trichlorofluoromethane
Concen: 48.210 ug/l
RT: 3.494 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 415630
Ion Ratio Lower Upper
101 100
103 62.9 54.4 81.6

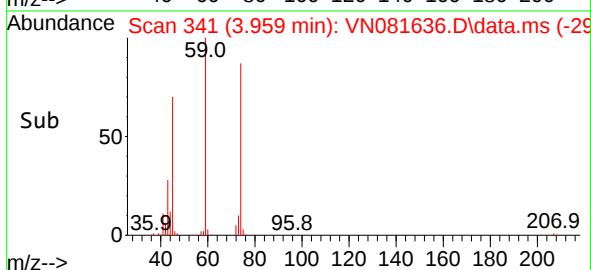
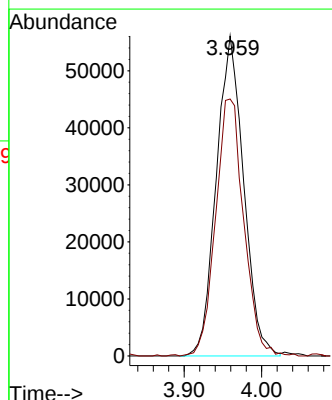
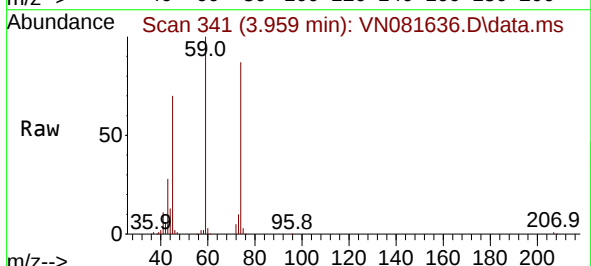
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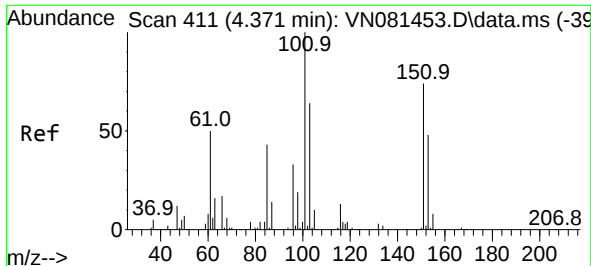
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#8
Diethyl Ether
Concen: 48.219 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

Tgt Ion: 74 Resp: 137578
Ion Ratio Lower Upper
74 100
45 82.6 53.3 159.9





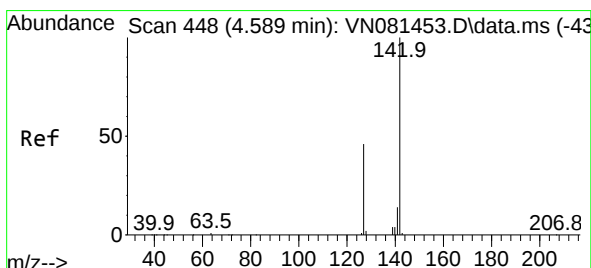
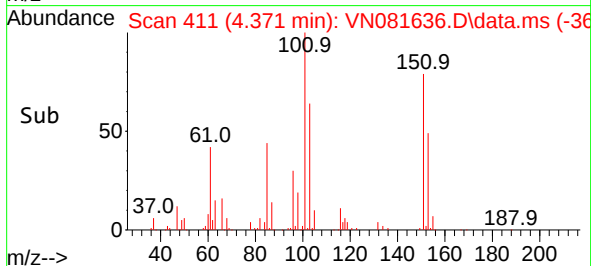
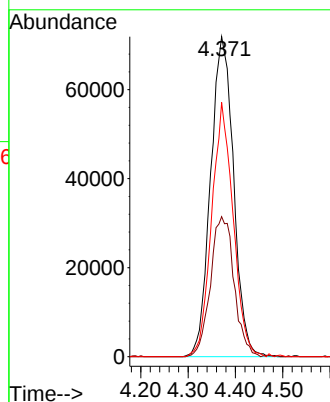
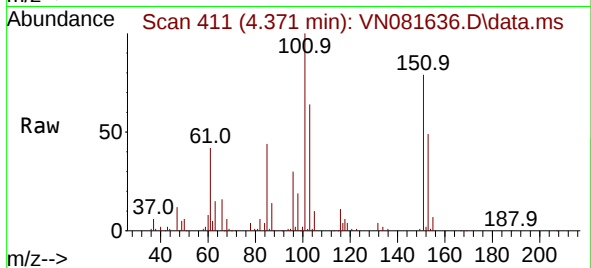
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.388 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 241938
Ion Ratio Lower Upper
101 100
85 44.9 38.1 57.1
151 74.3 49.1 73.7

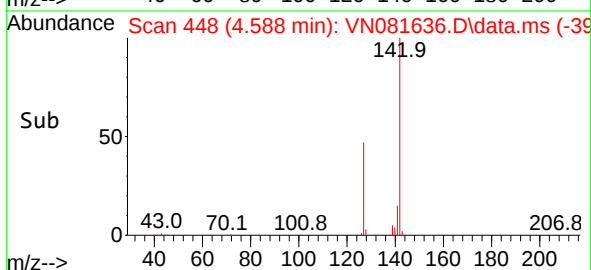
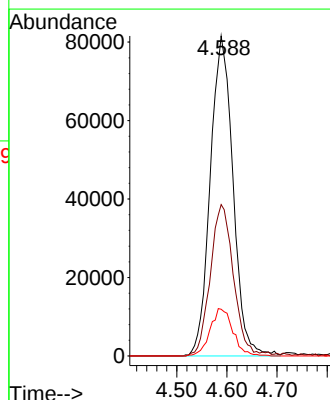
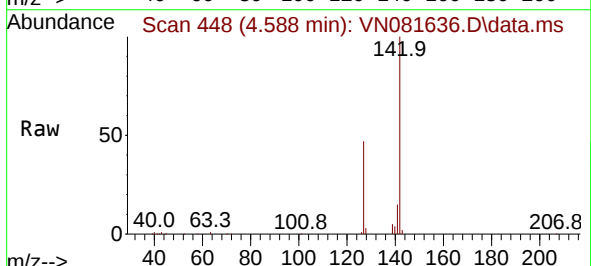
Manual Integrations
APPROVED

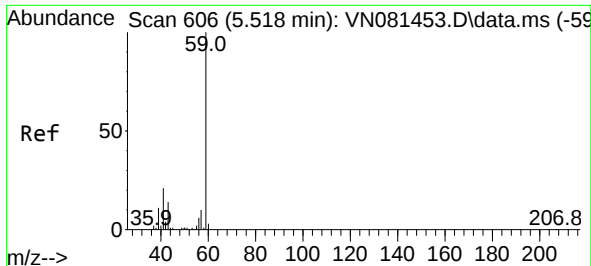
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#10
Methyl Iodide
Concen: 52.725 ug/l
RT: 4.588 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

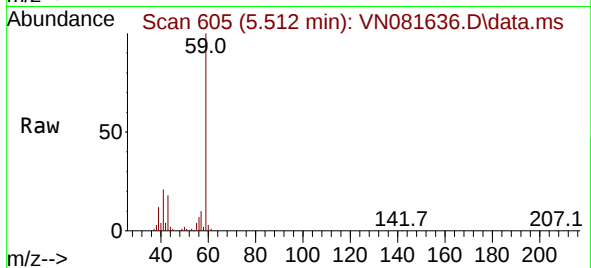
Tgt Ion:142 Resp: 257211
Ion Ratio Lower Upper
142 100
127 47.3 37.0 55.4
141 14.6 12.5 18.7





#11
Tert butyl alcohol
Concen: 251.908 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

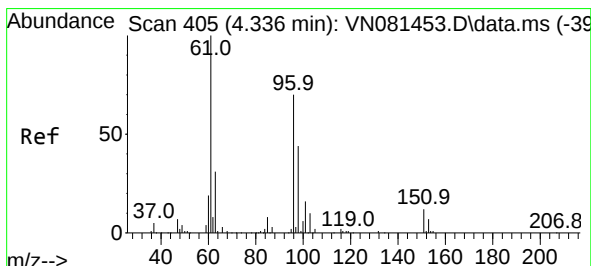
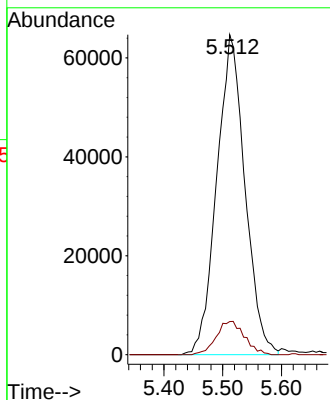
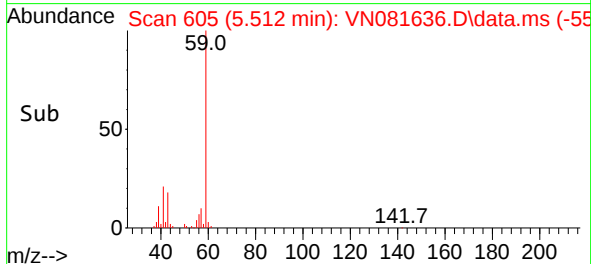
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 215249
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

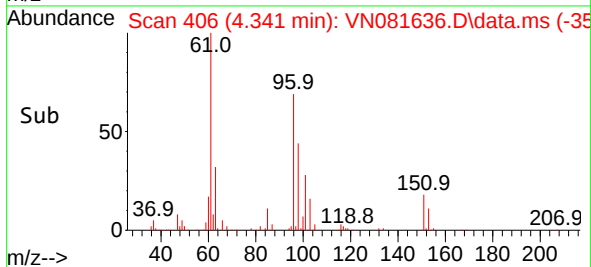
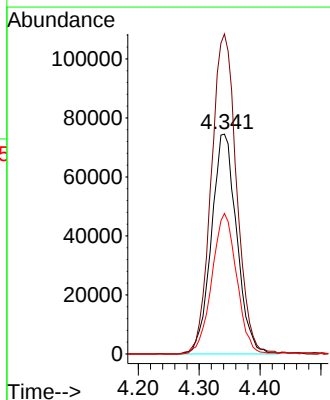
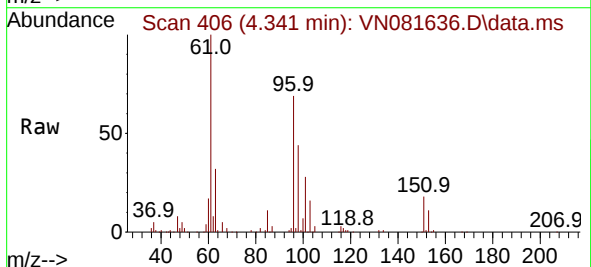
Manual Integrations
APPROVED

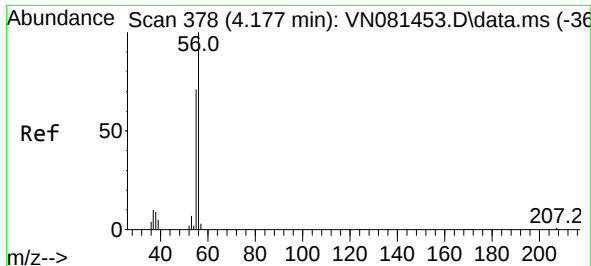
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#12
1,1-Dichloroethene
Concen: 47.409 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

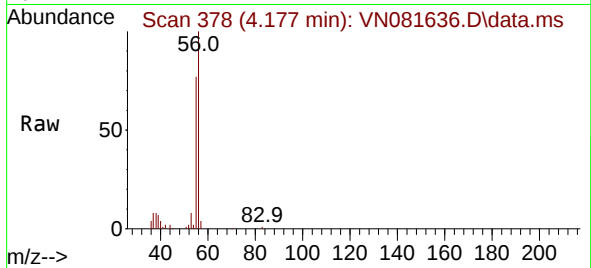
Tgt Ion: 96 Resp: 215123
Ion Ratio Lower Upper
96 100
61 145.6 138.2 207.4
98 63.9 49.2 73.8





#13
Acrolein
Concen: 171.228 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

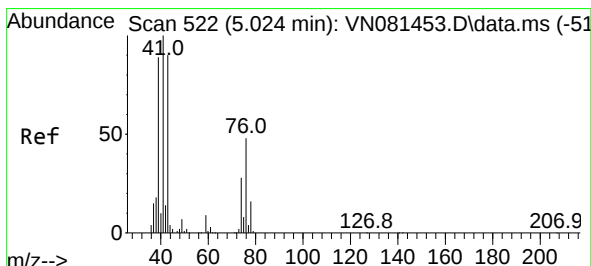
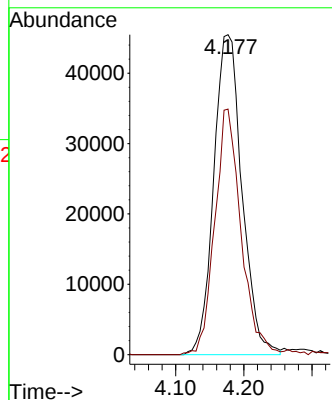
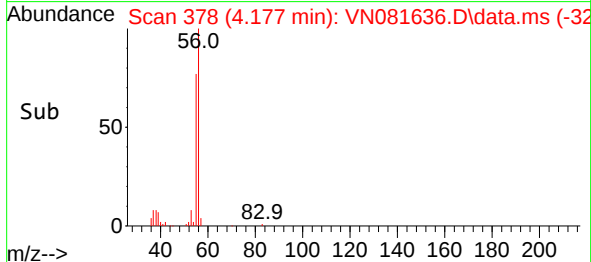
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



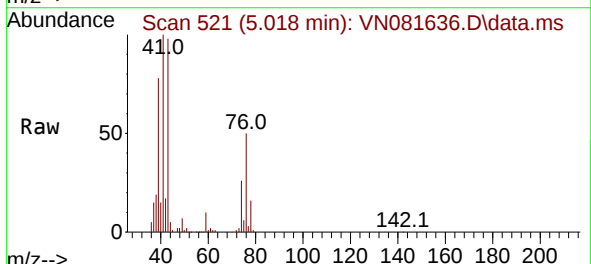
Tgt Ion: 56 Resp: 131288
Ion Ratio Lower Upper
56 100
55 71.1 55.3 82.9

Manual Integrations
APPROVED

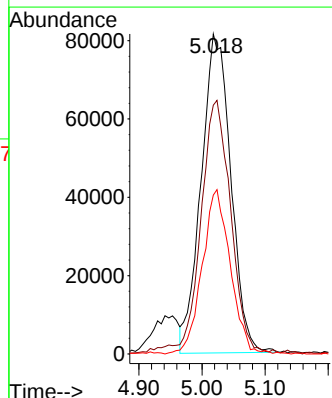
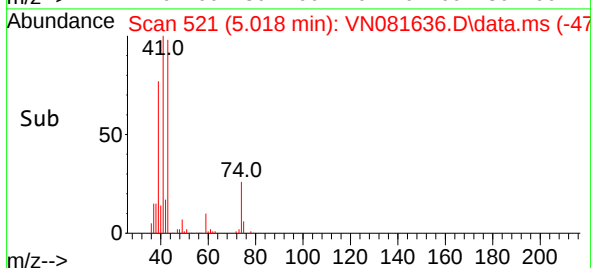
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

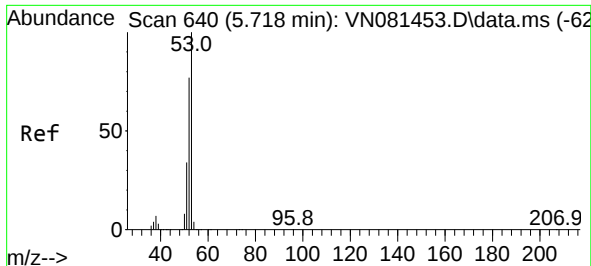


#14
Allyl chloride
Concen: 46.815 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38



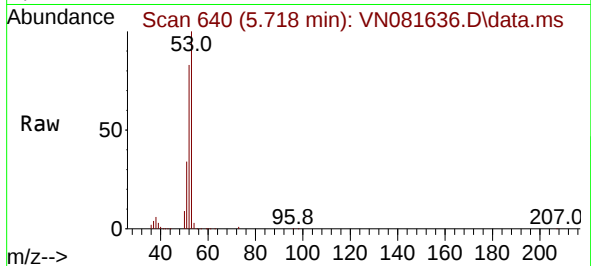
Tgt Ion: 41 Resp: 266184
Ion Ratio Lower Upper
41 100
39 80.9 57.7 86.5
76 48.8 26.8 40.2#





#15
Acrylonitrile
Concen: 237.215 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

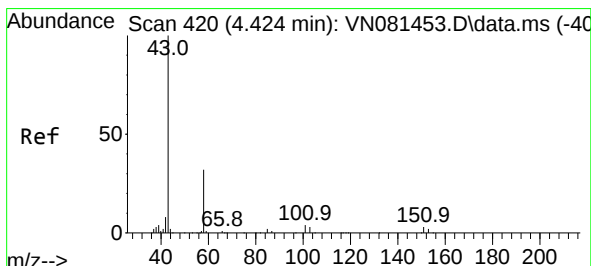
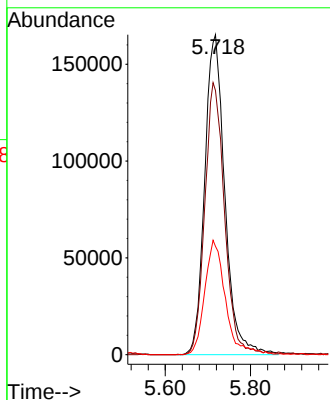
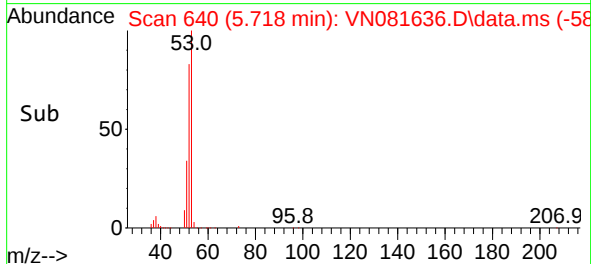
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 542260
Ion Ratio Lower Upper
53 100
52 83.3 64.8 97.2
51 36.7 26.9 40.3

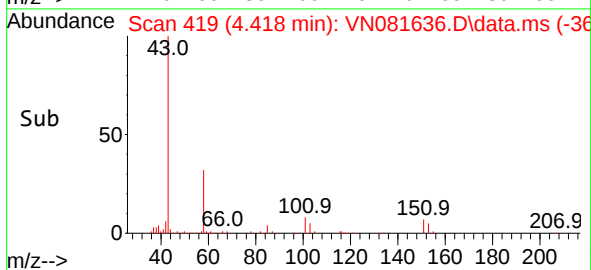
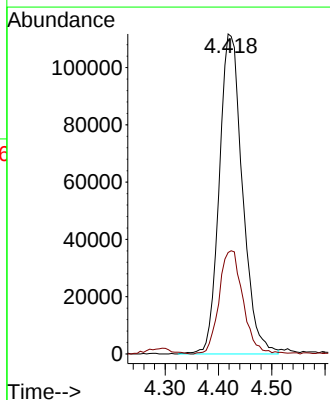
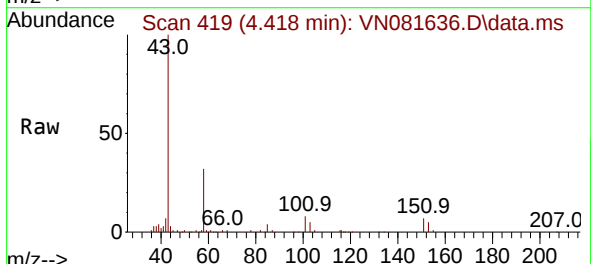
Manual Integrations
APPROVED

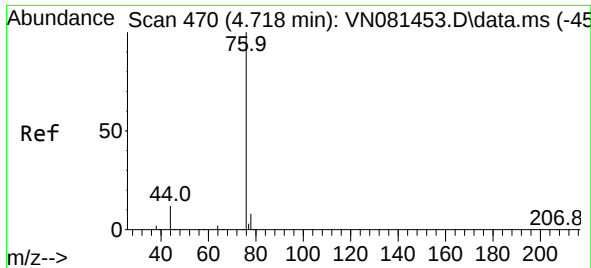
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#16
Acetone
Concen: 213.724 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

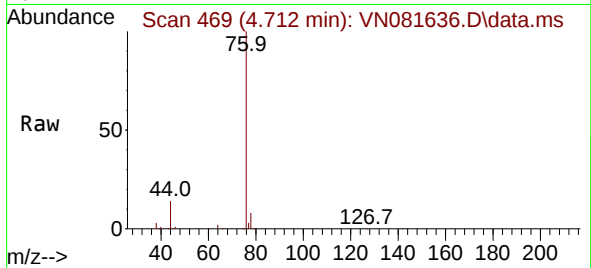
Tgt Ion: 43 Resp: 338669
Ion Ratio Lower Upper
43 100
58 31.2 24.8 37.2





#17
Carbon Disulfide
Concen: 39.766 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

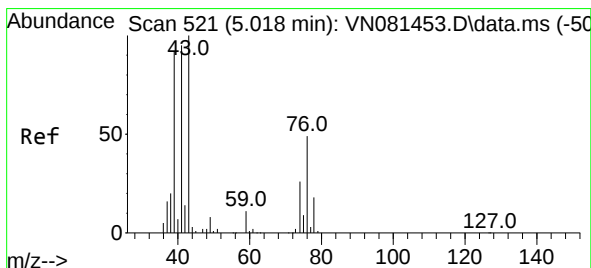
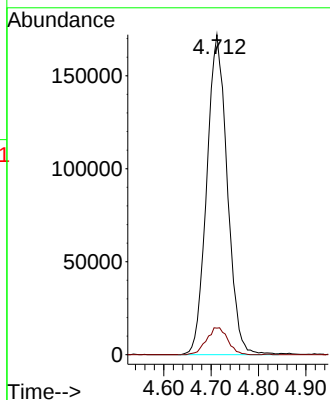
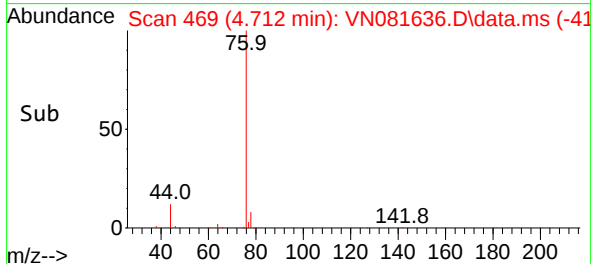
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 517804
Ion Ratio Lower Upper
76 100
78 8.3 6.3 9.5

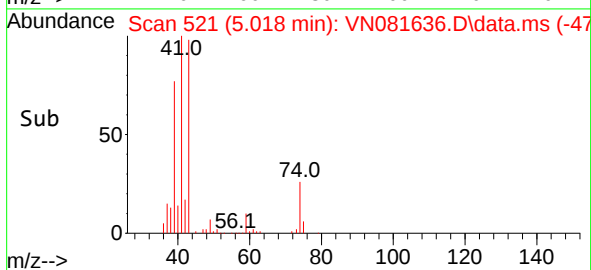
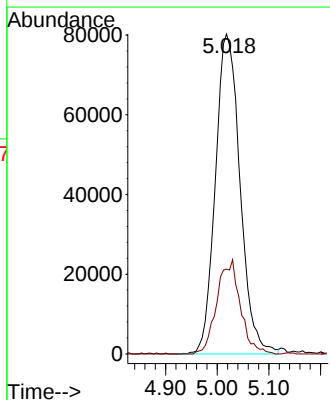
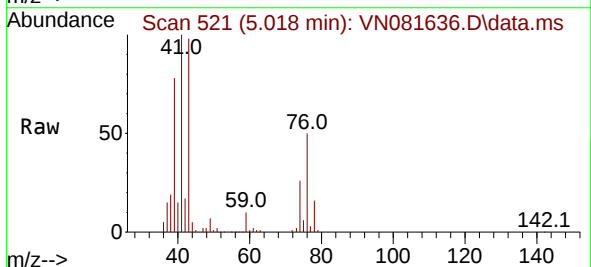
Manual Integrations
APPROVED

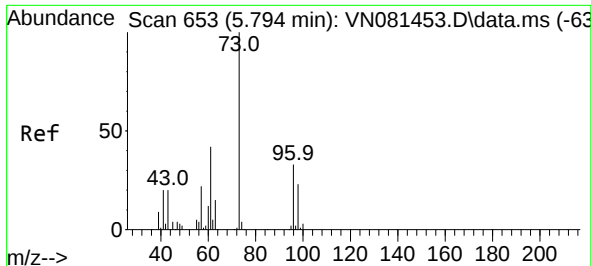
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#18
Methyl Acetate
Concen: 54.469 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

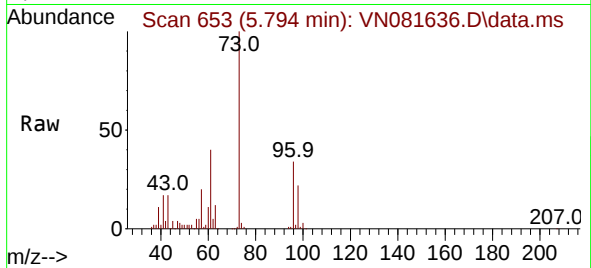
Tgt Ion: 43 Resp: 266100
Ion Ratio Lower Upper
43 100
74 27.9 17.3 25.9#





#19
Methyl tert-butyl Ether
Concen: 52.690 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

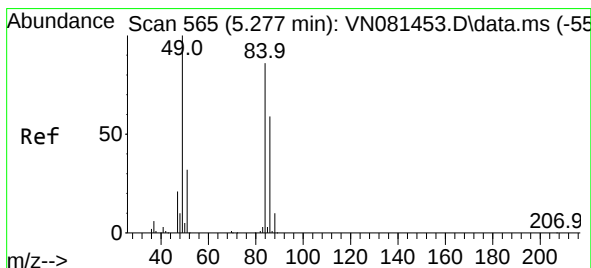
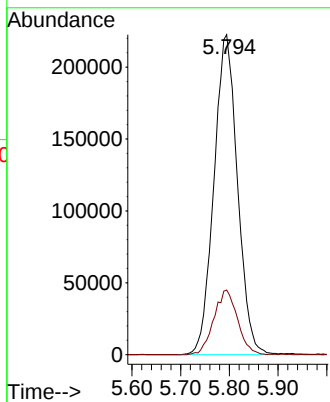
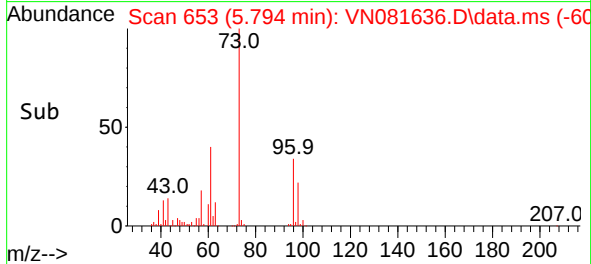
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



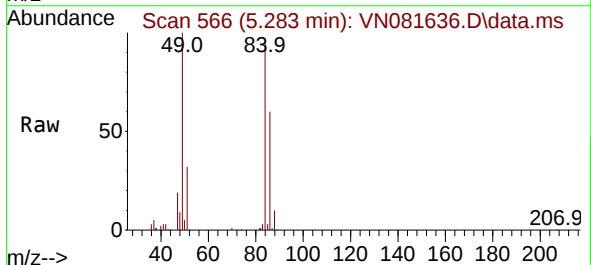
Tgt Ion: 73 Resp: 74824
Ion Ratio Lower Upper
73 100
57 20.2 18.2 27.4

Manual Integrations
APPROVED

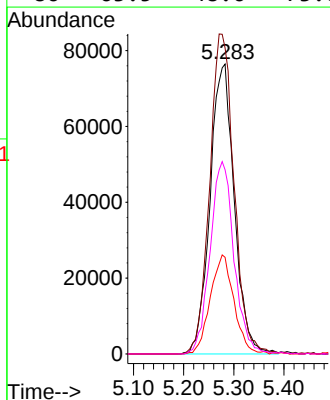
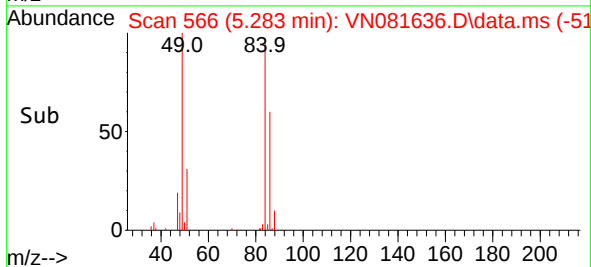
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

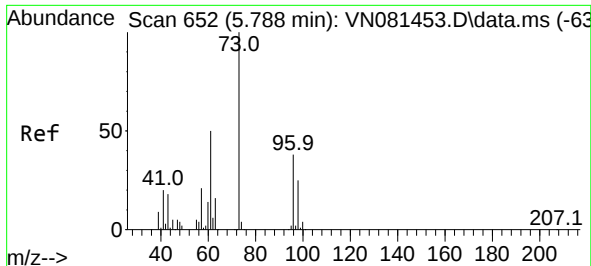


#20
Methylene Chloride
Concen: 49.482 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38



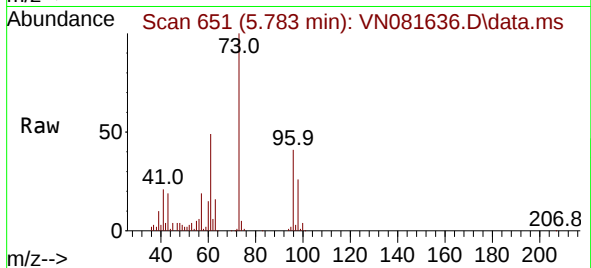
Tgt Ion: 84 Resp: 256844
Ion Ratio Lower Upper
84 100
49 105.5 108.1 162.1#
51 33.4 32.9 49.3
86 63.5 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 48.633 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

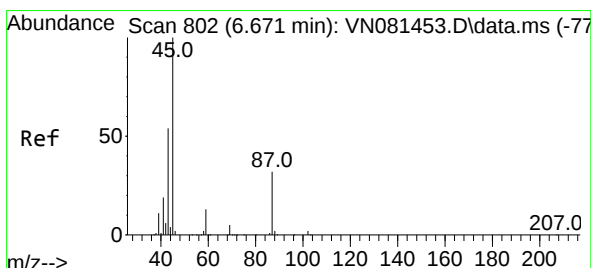
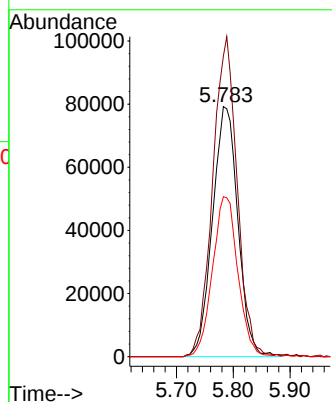
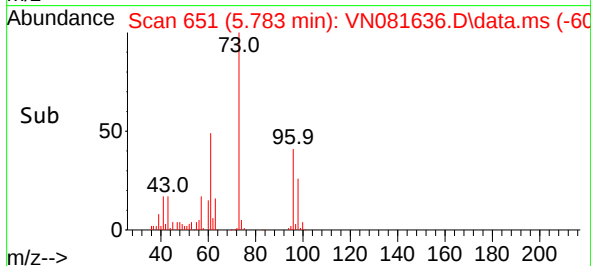
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 24605
Ion Ratio Lower Upper
96 100
61 120.2 112.8 169.2
98 64.0 51.0 76.4

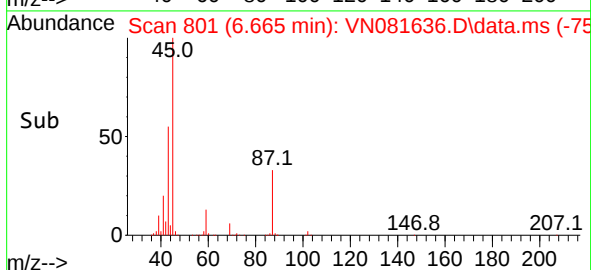
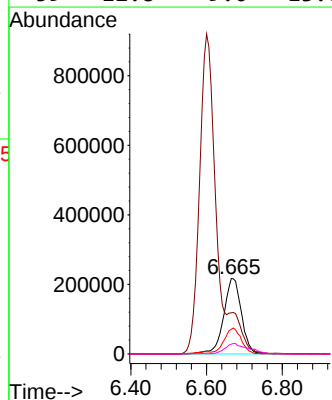
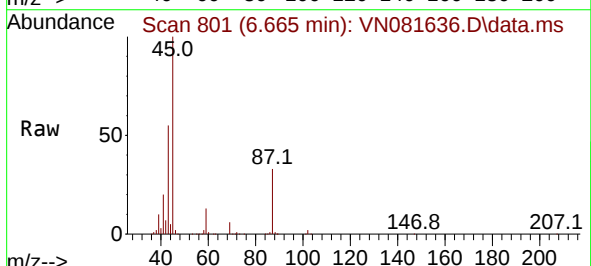
Manual Integrations
APPROVED

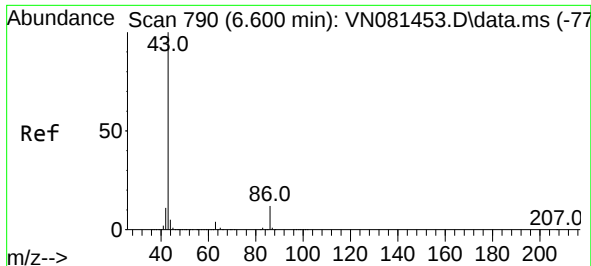
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#22
Diisopropyl ether
Concen: 53.449 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

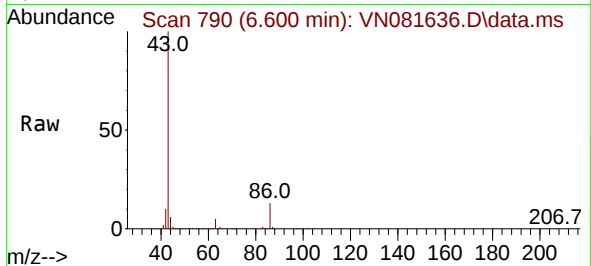
Tgt Ion: 45 Resp: 706132
Ion Ratio Lower Upper
45 100
43 54.4 41.8 62.8
87 32.6 18.1 27.1#
59 12.8 9.0 13.6





#23
 Vinyl Acetate
 Concen: 248.355 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN081636.D
 Acq: 01 Apr 2024 09:38

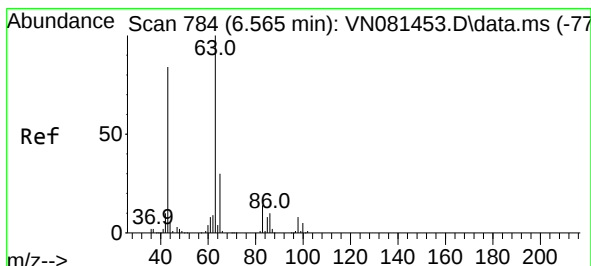
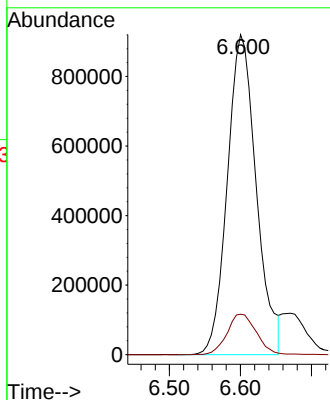
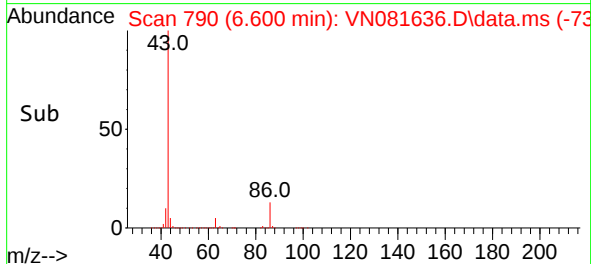
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 261166
 Ion Ratio Lower Upper
 43 100
 86 12.6 7.1 10.7

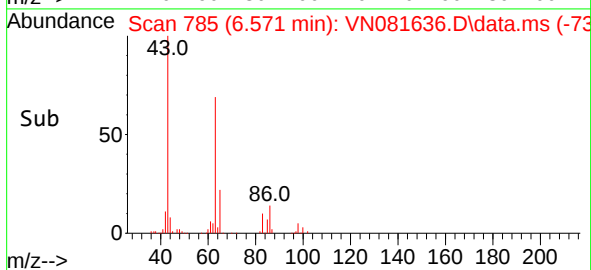
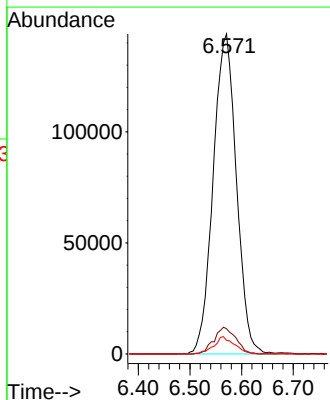
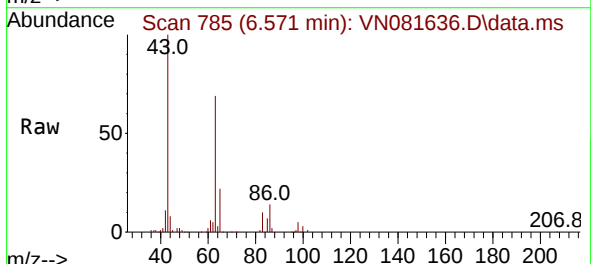
Manual Integrations
 APPROVED

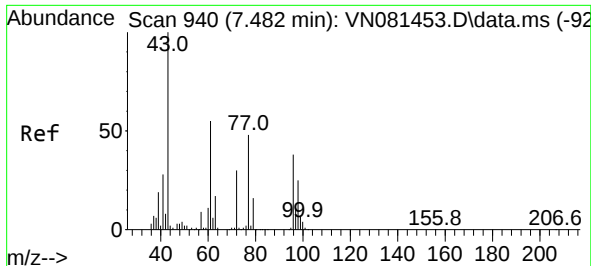
Reviewed By :John Carlone 04/02/2024
 Supervised By :Mahesh Dadoda 04/02/2024



#24
 1,1-Dichloroethane
 Concen: 50.821 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081636.D
 Acq: 01 Apr 2024 09:38

Tgt Ion: 63 Resp: 449694
 Ion Ratio Lower Upper
 63 100
 98 7.9 2.9 8.6
 100 4.2 1.9 5.7





#25

2-Butanone

Concen: 228.849 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN081636.D

Acq: 01 Apr 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 621990

Ion Ratio Lower Upper

43 100

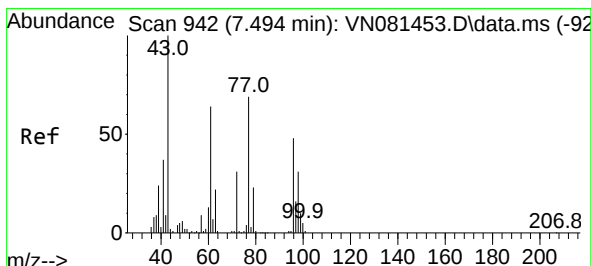
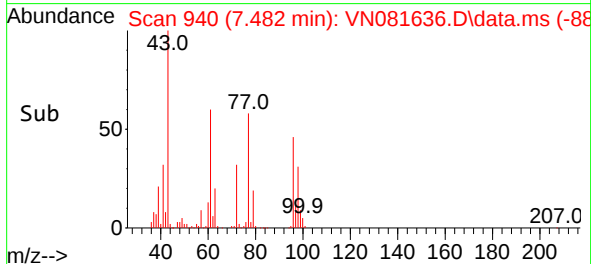
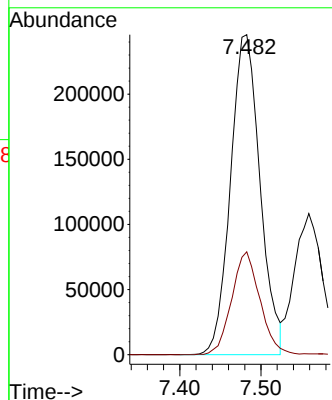
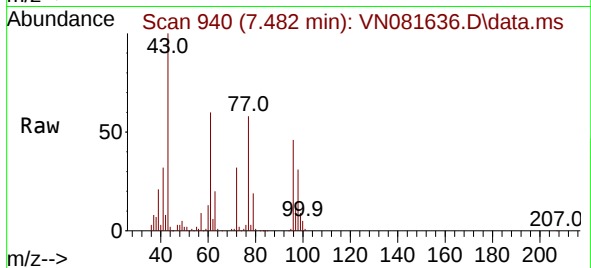
72 32.2 19.5 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#26

2,2-Dichloropropane

Concen: 55.236 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN081636.D

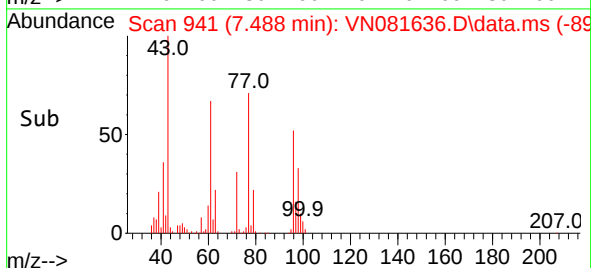
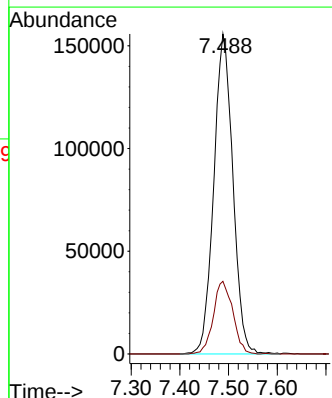
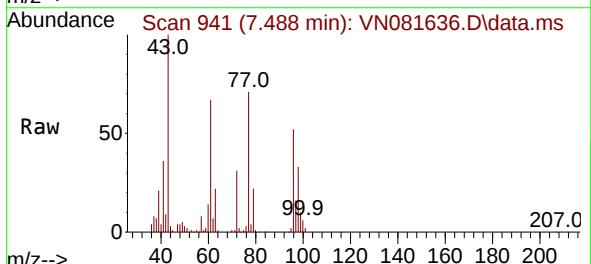
Acq: 01 Apr 2024 09:38

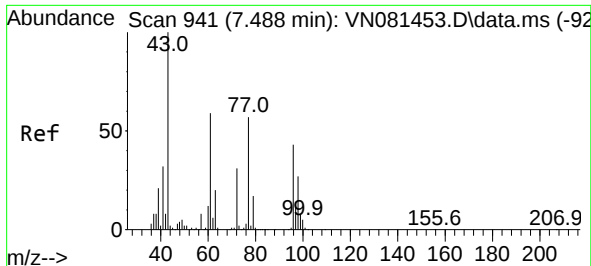
Tgt Ion: 77 Resp: 423918

Ion Ratio Lower Upper

77 100

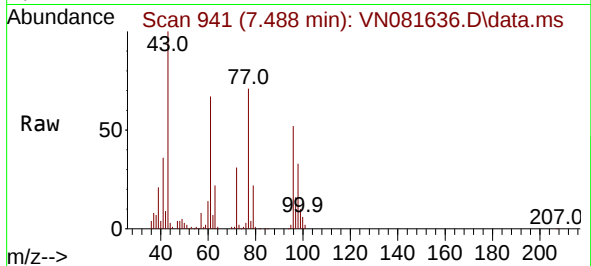
97 23.1 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 52.901 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081636.D
 Acq: 01 Apr 2024 09:38

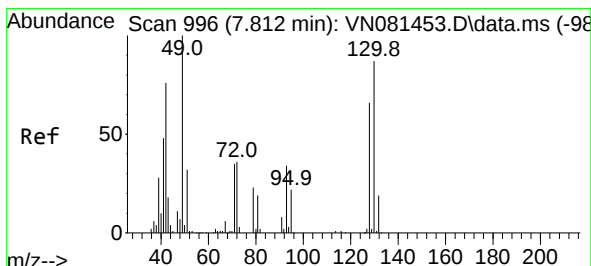
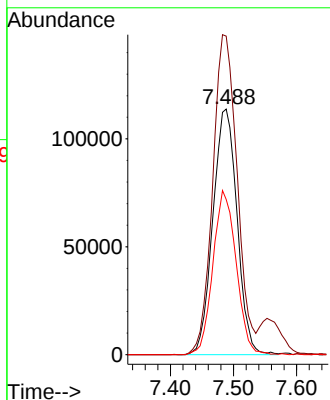
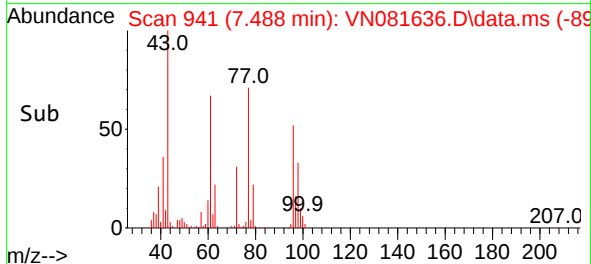
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 302824
 Ion Ratio Lower Upper
 96 100
 61 131.6 0.0 325.4
 98 64.2 0.0 130.4

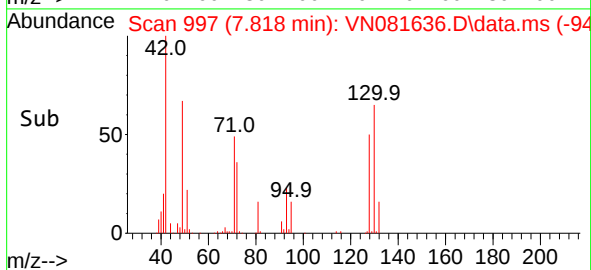
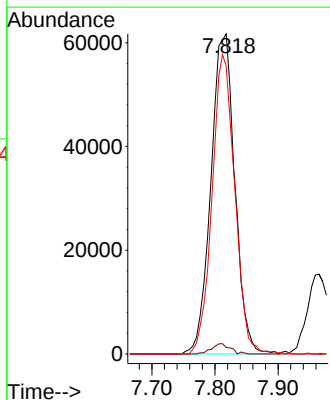
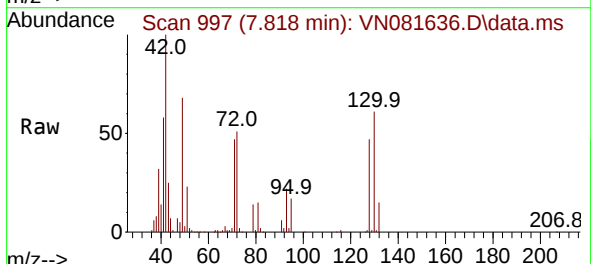
Manual Integrations
 APPROVED

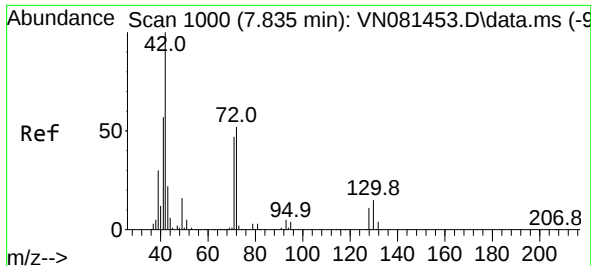
Reviewed By :John Carlone 04/02/2024
 Supervised By :Mahesh Dadoda 04/02/2024



#28
 Bromochloromethane
 Concen: 45.071 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN081636.D
 Acq: 01 Apr 2024 09:38

Tgt Ion: 49 Resp: 162440
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 1.6#
 130 88.7 42.3 63.5#





#29

Tetrahydrofuran

Concen: 235.967 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN081636.D

Acq: 01 Apr 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 432050

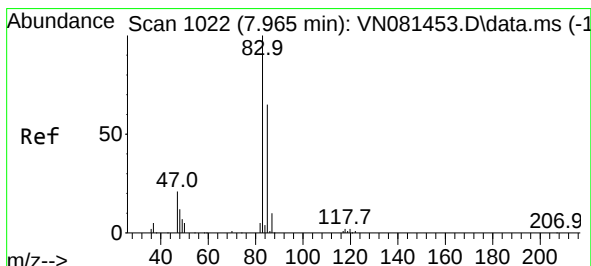
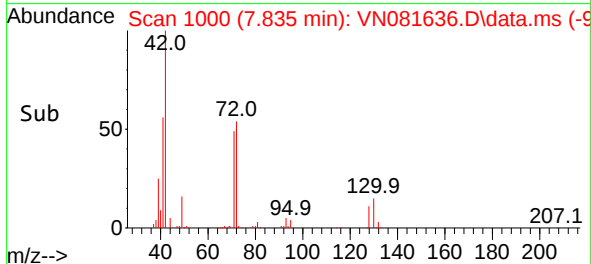
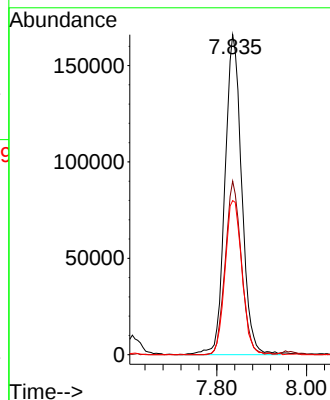
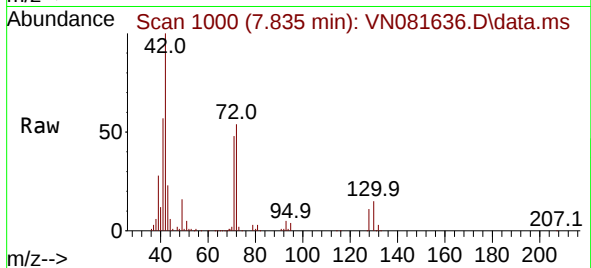
Ion	Ratio	Lower	Upper
42	100		
72	52.3	31.1	46.7
71	48.6	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#30

Chloroform

Concen: 54.036 ug/l

RT: 7.965 min Scan# 1022

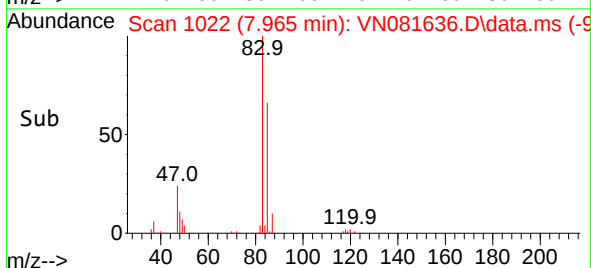
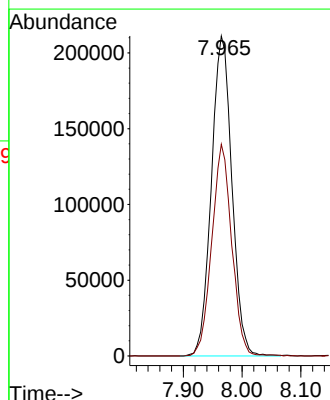
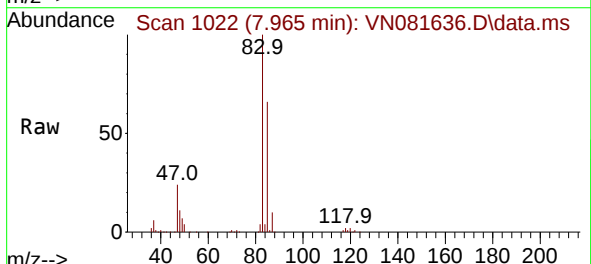
Delta R.T. -0.000 min

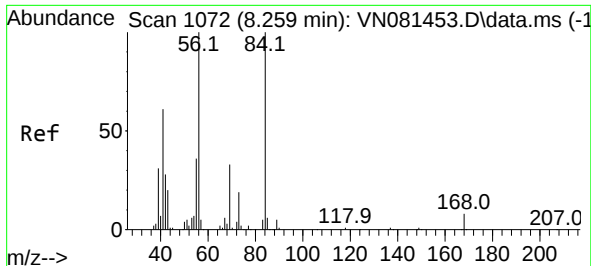
Lab File: VN081636.D

Acq: 01 Apr 2024 09:38

Tgt Ion: 83 Resp: 511869

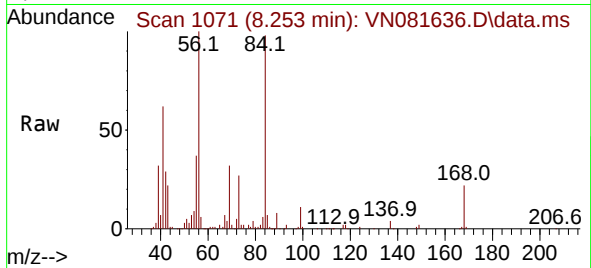
Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.0	76.6





#31
Cyclohexane
Concen: 42.459 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

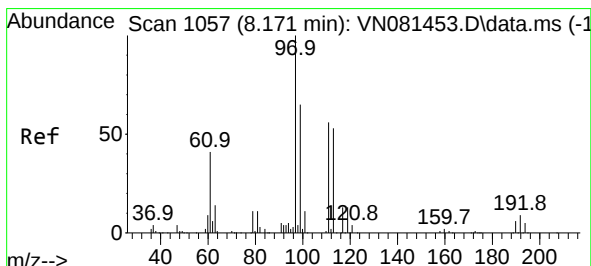
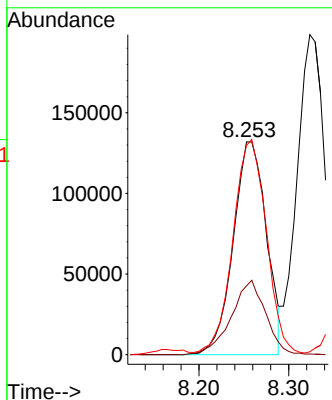
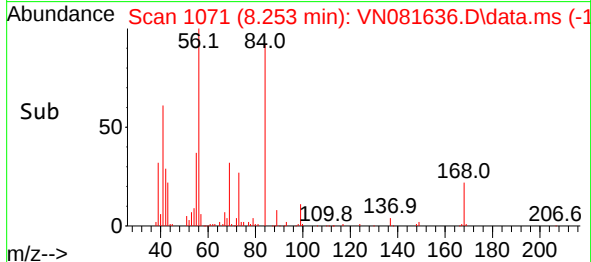
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



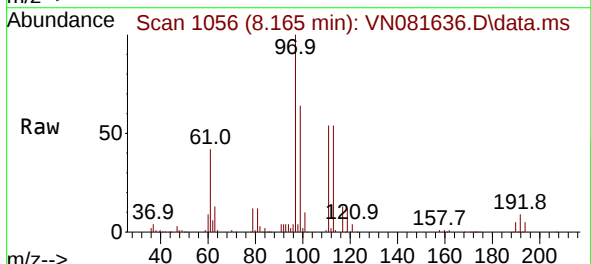
Tgt Ion: 56 Resp: 33877
Ion Ratio Lower Upper
56 100
69 32.3 20.1 30.1
84 96.5 56.9 85.3

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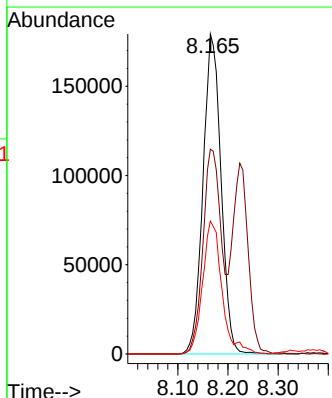
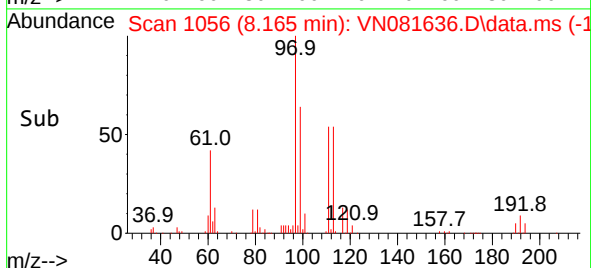
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

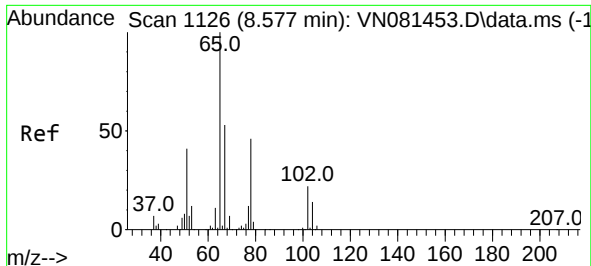


#32
1,1,1-Trichloroethane
Concen: 52.018 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38



Tgt Ion: 97 Resp: 447056
Ion Ratio Lower Upper
97 100
99 66.7 53.4 80.0
61 44.6 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 51.410 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081636.D

Acq: 01 Apr 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 25207

Ion Ratio Lower Upper

65 100

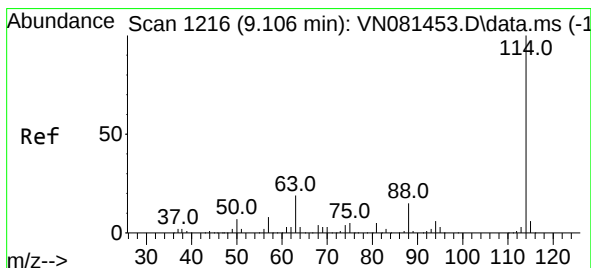
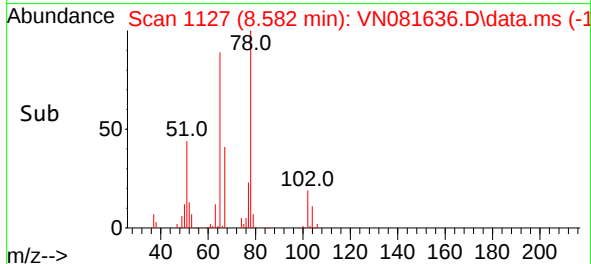
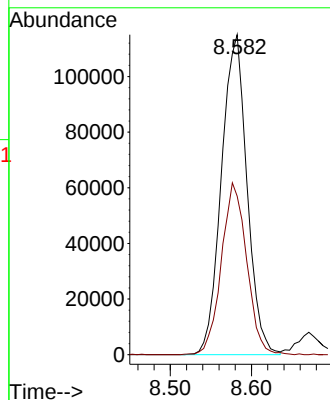
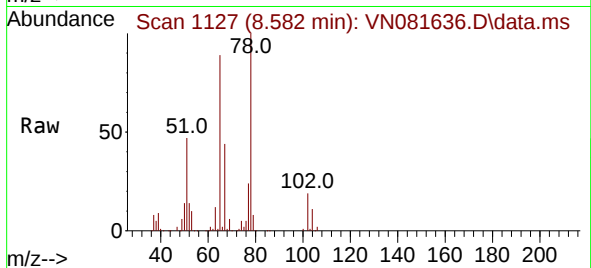
67 53.1 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081636.D

Acq: 01 Apr 2024 09:38

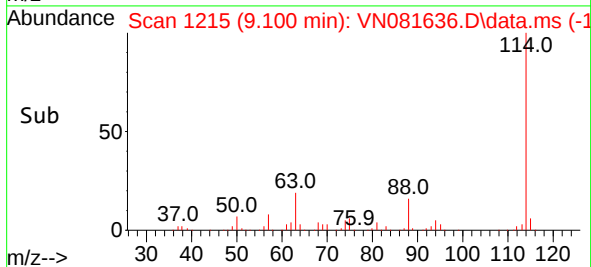
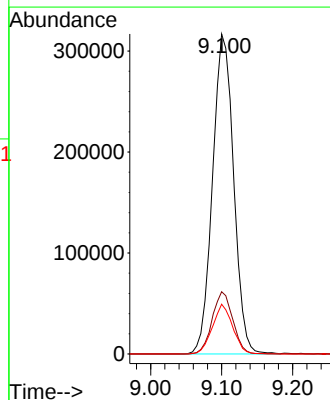
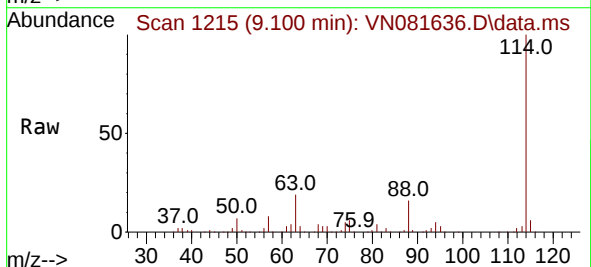
Tgt Ion:114 Resp: 653147

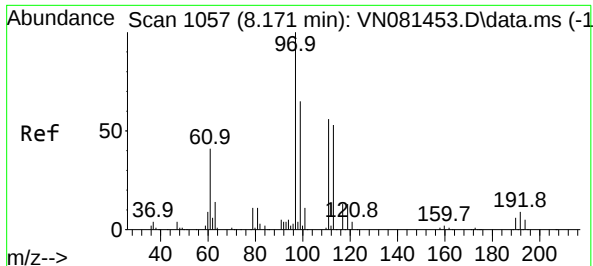
Ion Ratio Lower Upper

114 100

63 19.4 0.0 48.0

88 15.5 0.0 34.8





#35

Dibromofluoromethane

Concen: 55.791 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081636.D

Acq: 01 Apr 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

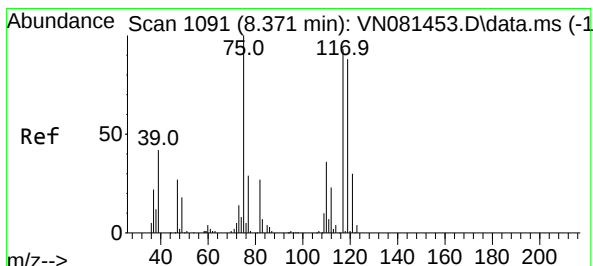
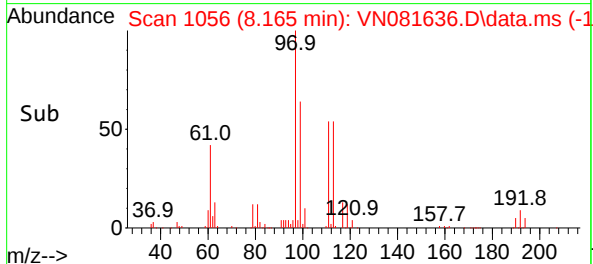
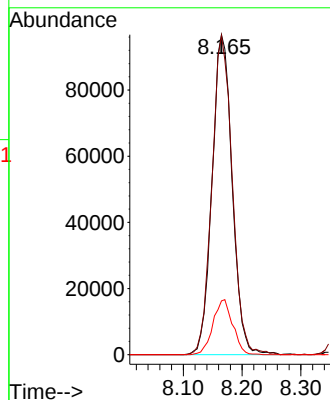
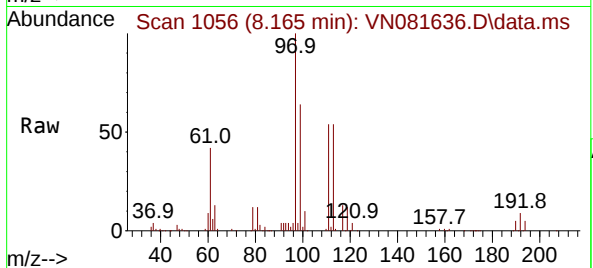
Tgt Ion:	113	Resp:	22997
Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.2	123.4
192	16.9	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#36

1,1-Dichloropropene

Concen: 49.386 ug/l

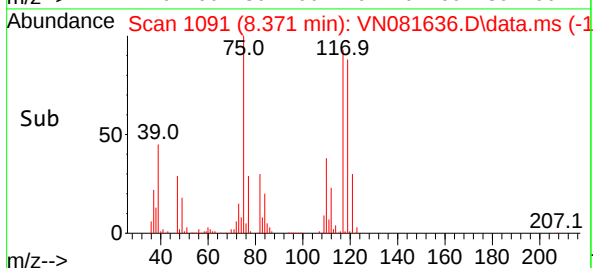
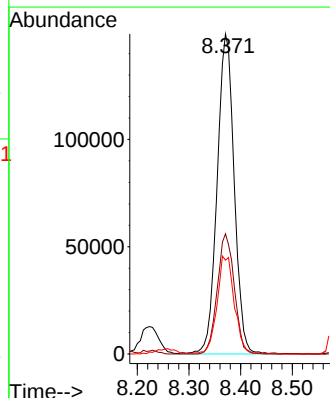
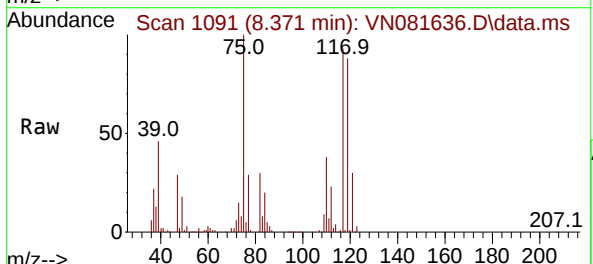
RT: 8.371 min Scan# 1091

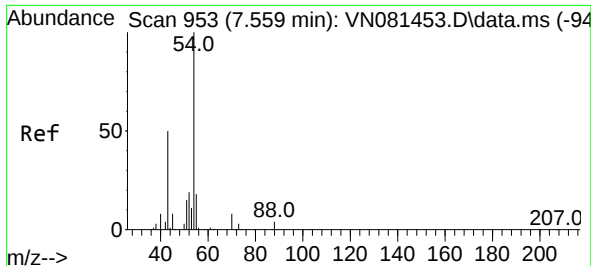
Delta R.T. -0.000 min

Lab File: VN081636.D

Acq: 01 Apr 2024 09:38

Tgt Ion:	75	Resp:	342584
Ion	Ratio	Lower	Upper
75	100		
110	37.3	16.0	48.0
77	30.9	25.8	38.6





#37

Ethyl Acetate

Concen: 45.306 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN081636.D

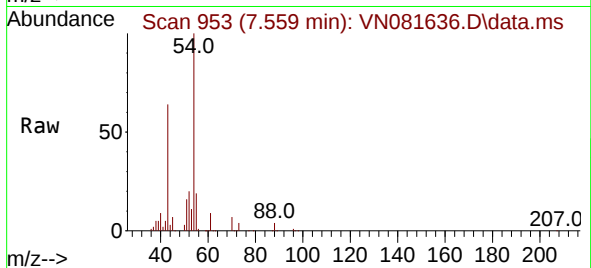
Acq: 01 Apr 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



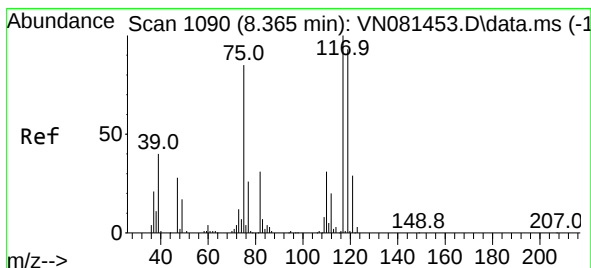
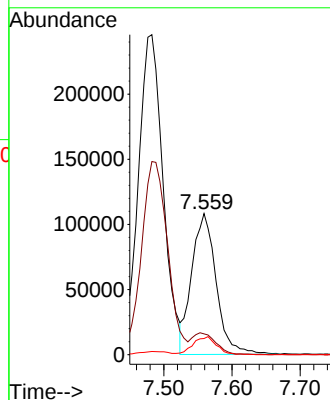
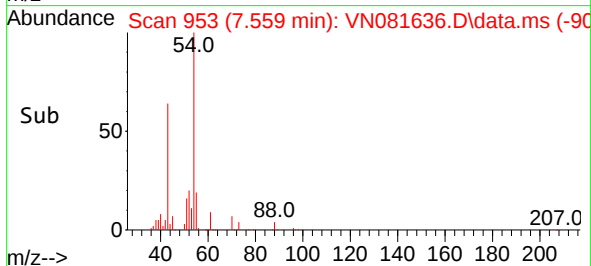
Tgt Ion:	43	Resp:	269118
Ion	Ratio	Lower	Upper
43	100		
61	15.0	10.6	15.8
70	12.3	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#38

Carbon Tetrachloride

Concen: 51.691 ug/l

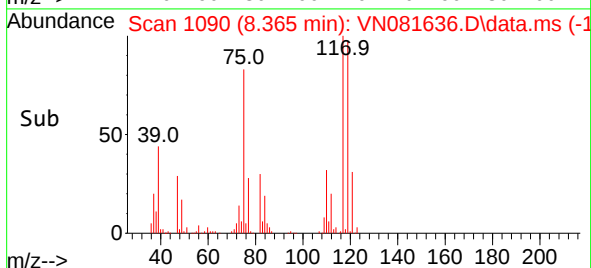
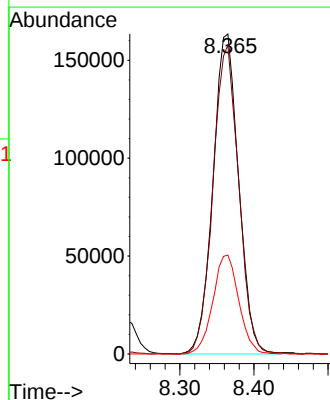
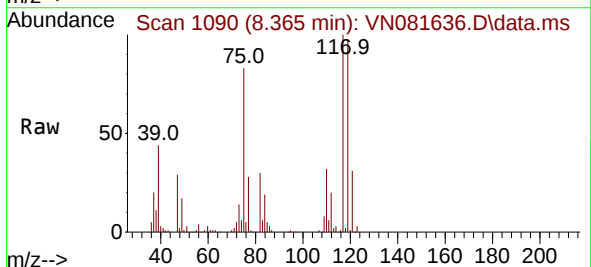
RT: 8.365 min Scan# 1090

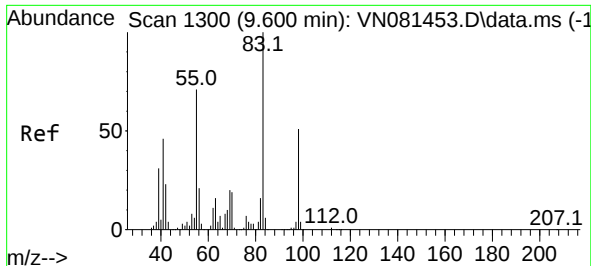
Delta R.T. -0.000 min

Lab File: VN081636.D

Acq: 01 Apr 2024 09:38

Tgt Ion:	117	Resp:	392800
Ion	Ratio	Lower	Upper
117	100		
119	96.6	73.4	110.2
121	30.9	24.4	36.6





#39

Methylcyclohexane

Concen: 50.097 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081636.D

Acq: 01 Apr 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

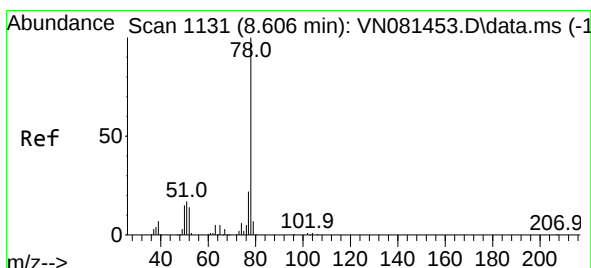
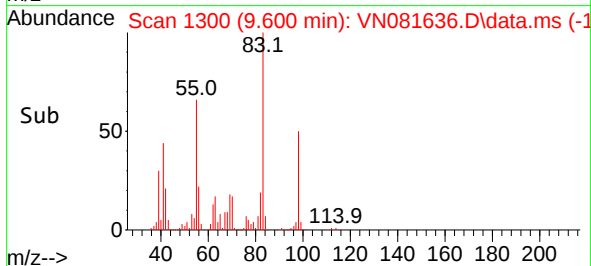
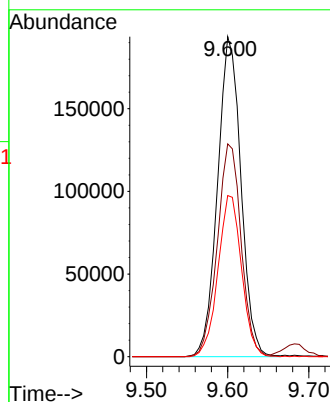
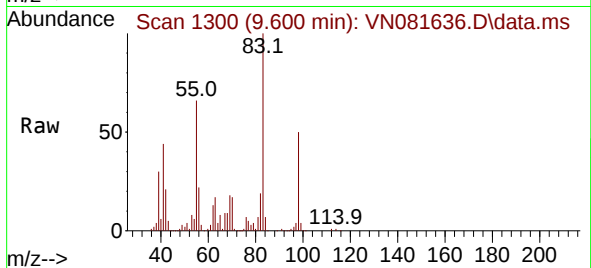
Tgt Ion:	83	Resp:	388084
Ion	Ratio	Lower	Upper
83	100		
55	66.5	65.7	98.5
98	50.4	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#40

Benzene

Concen: 51.685 ug/l

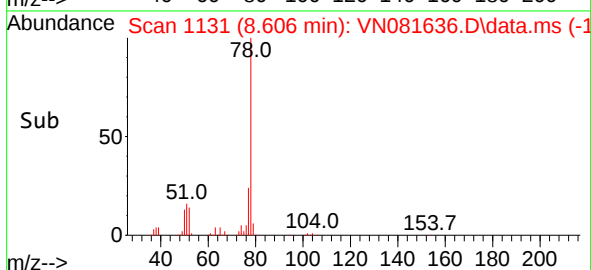
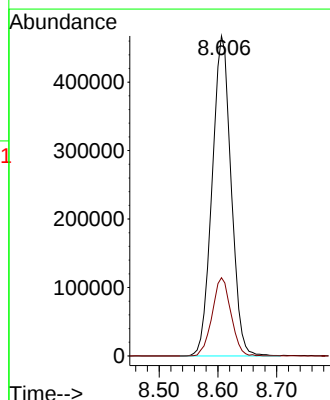
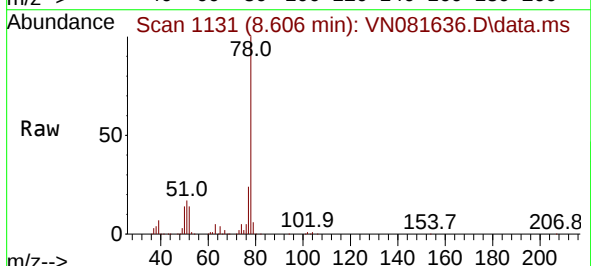
RT: 8.606 min Scan# 1131

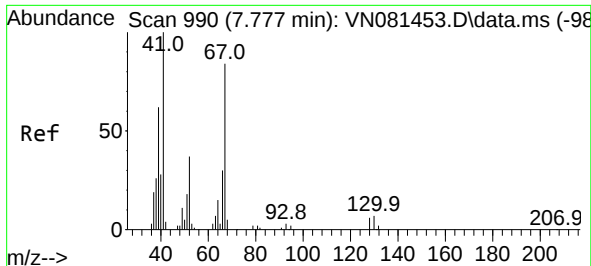
Delta R.T. -0.000 min

Lab File: VN081636.D

Acq: 01 Apr 2024 09:38

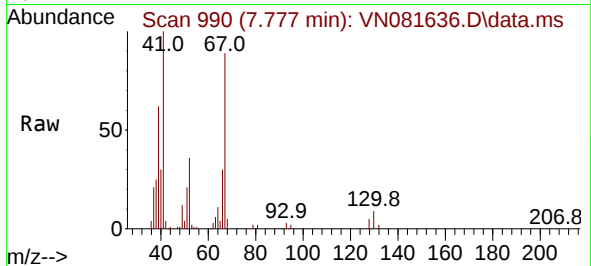
Tgt Ion:	78	Resp:	1048191
Ion	Ratio	Lower	Upper
78	100		
77	24.5	20.4	30.6





#41
Methacrylonitrile
Concen: 48.925 ug/l m
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

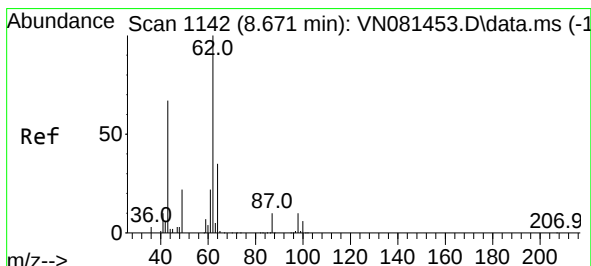
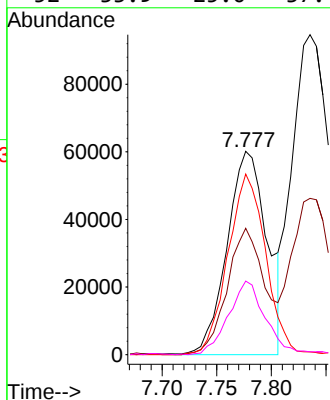
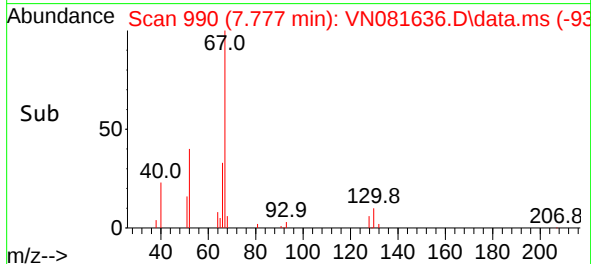
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 15369
Ion Ratio Lower Upper
41 100
39 58.8 48.4 72.6
67 83.8 56.8 85.2
52 33.9 25.0 37.4

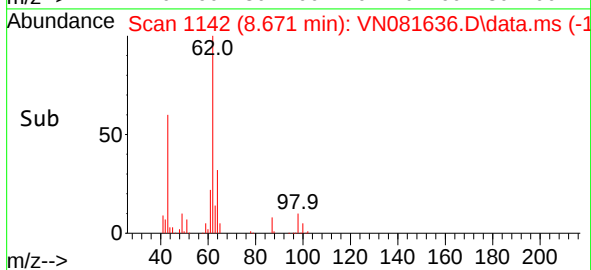
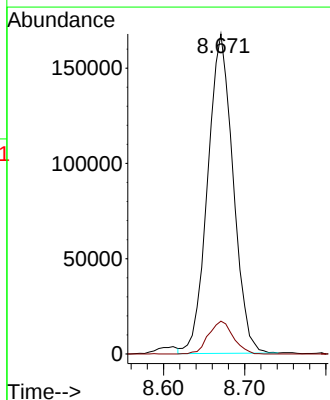
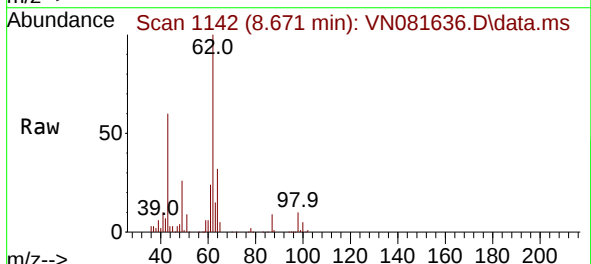
Manual Integrations
APPROVED

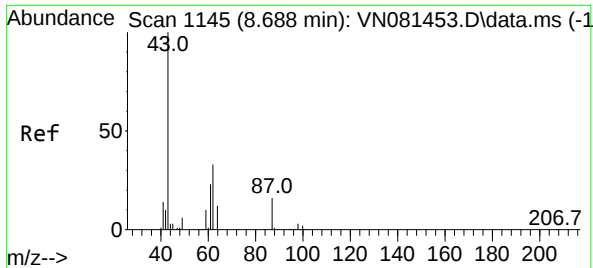
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#42
1,2-Dichloroethane
Concen: 51.111 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

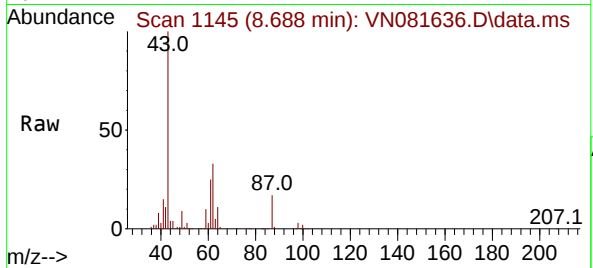
Tgt Ion: 62 Resp: 364788
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.0





#43
Isopropyl Acetate
Concen: 48.936 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

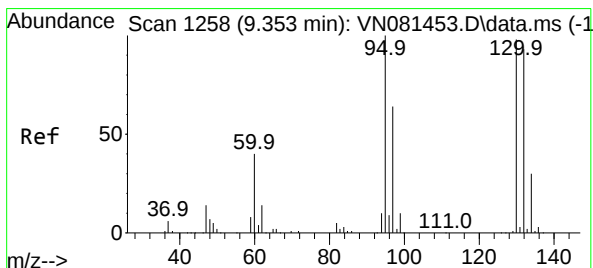
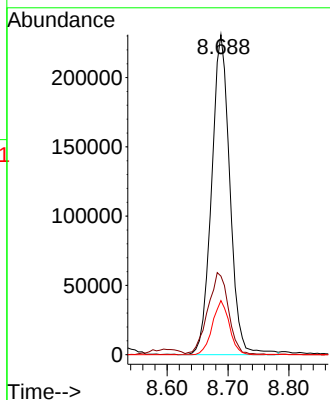
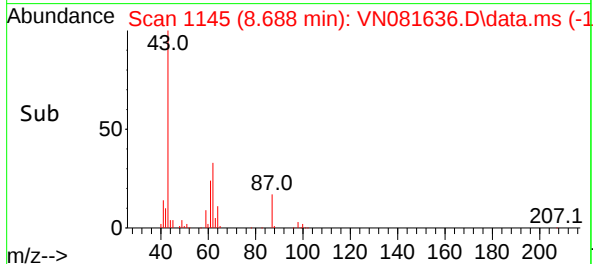
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 481834
Ion Ratio Lower Upper
43 100
61 29.2 19.9 29.9
87 15.6 9.0 13.6

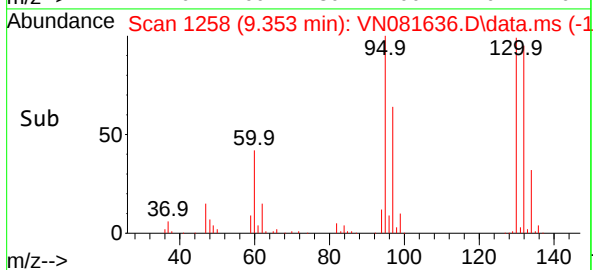
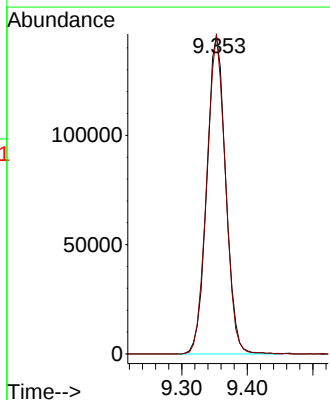
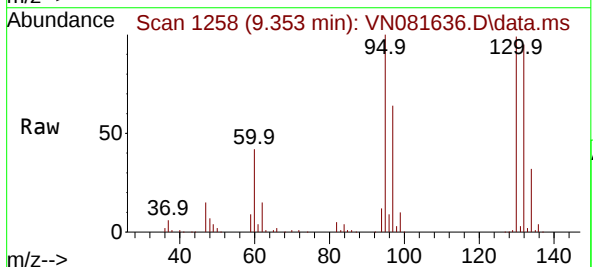
Manual Integrations
APPROVED

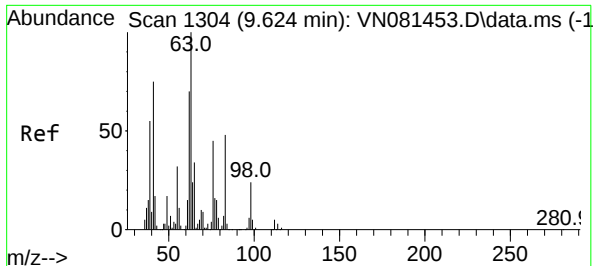
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#44
Trichloroethene
Concen: 51.142 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

Tgt Ion:130 Resp: 291709
Ion Ratio Lower Upper
130 100
95 100.6 0.0 210.4





#45

1,2-Dichloropropane

Concen: 53.693 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081636.D

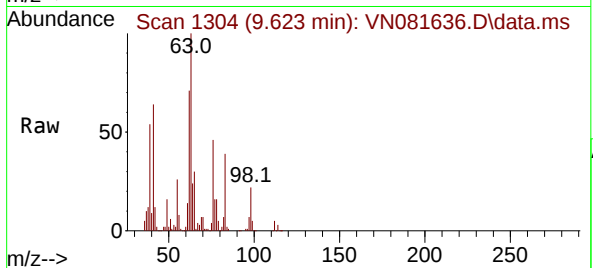
Acq: 01 Apr 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 63 Resp: 263904

Ion Ratio Lower Upper

63 100

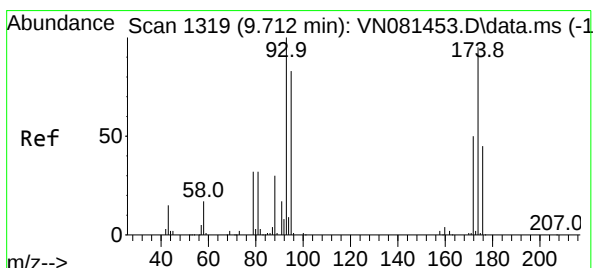
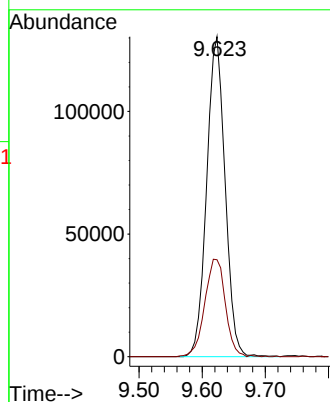
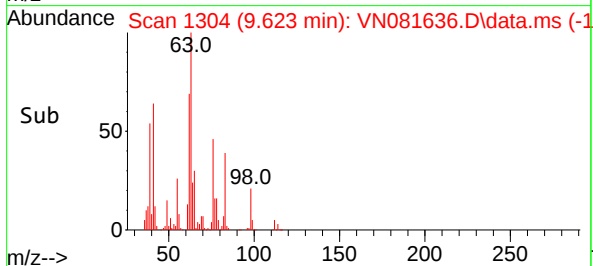
65 30.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#46

Dibromomethane

Concen: 53.232 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081636.D

Acq: 01 Apr 2024 09:38

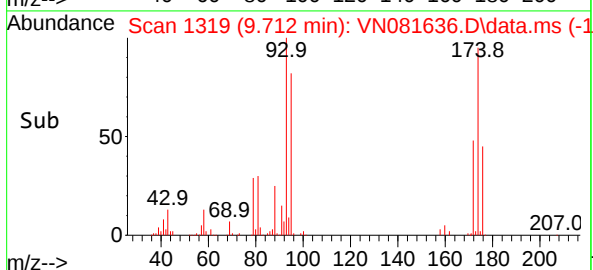
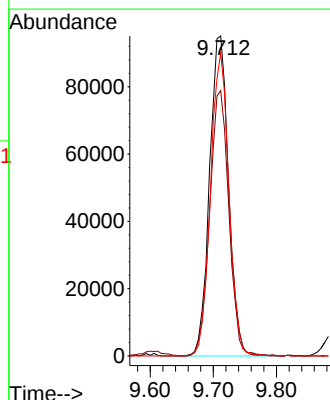
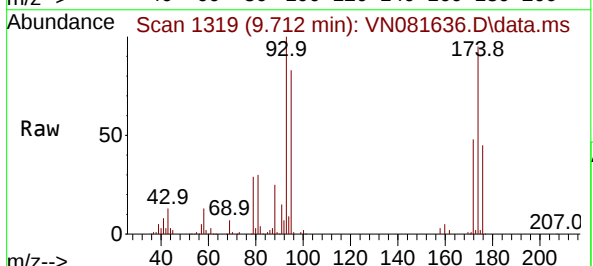
Tgt Ion: 93 Resp: 198693

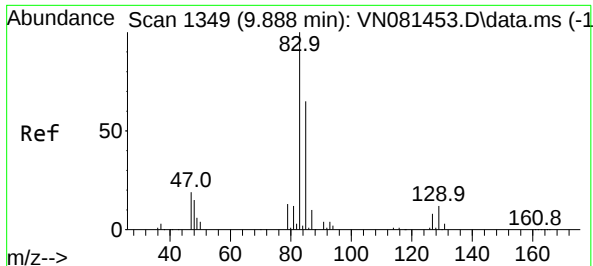
Ion Ratio Lower Upper

93 100

95 83.0 68.1 102.1

174 91.7 57.2 85.8





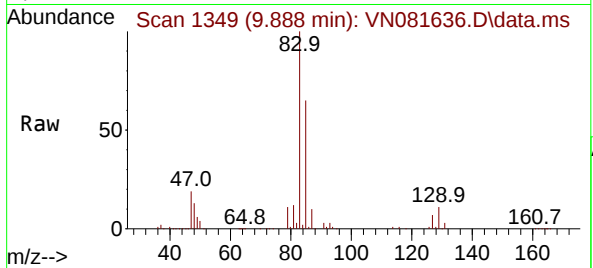
#47
Bromodichloromethane
Concen: 56.152 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



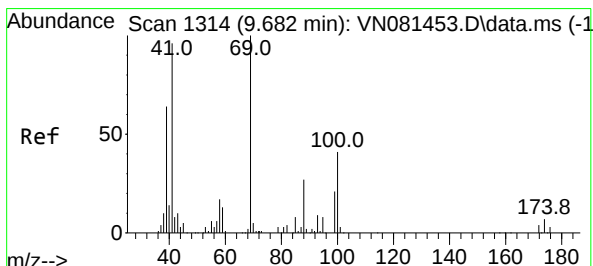
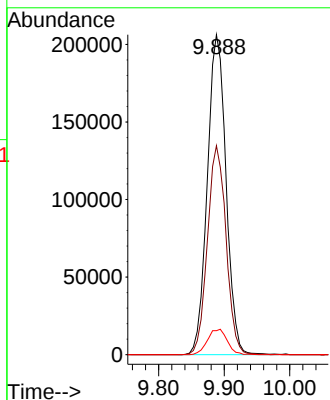
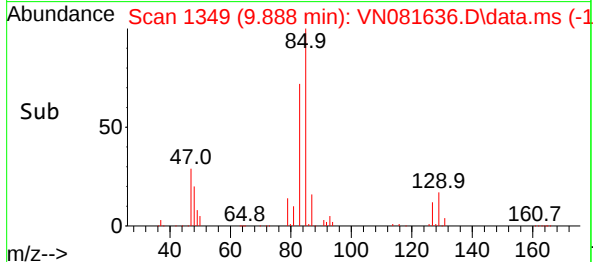
Tgt Ion: 83 Resp: 409788
Ion Ratio Lower Upper
83 100
85 65.3 52.3 78.5
127 7.5 4.6 7.0

Manual Integrations

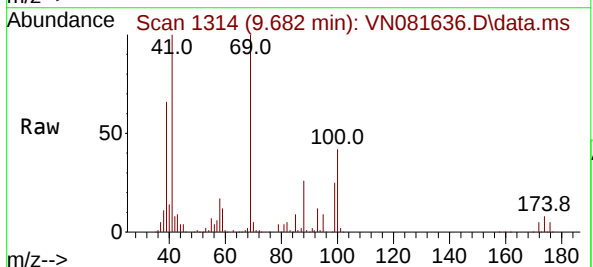
APPROVED

Reviewed By :John Carlone 04/02/2024

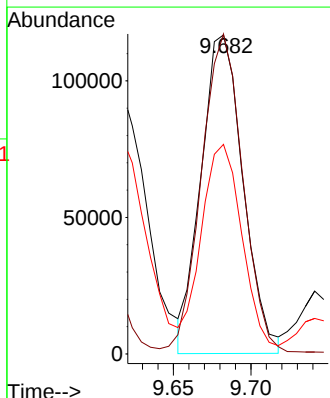
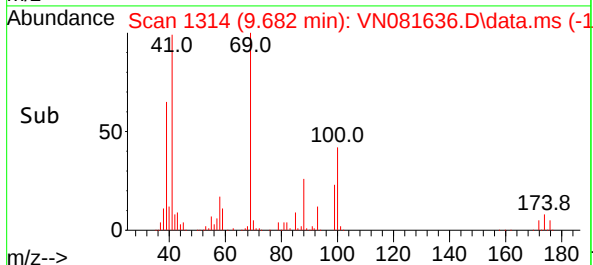
Supervised By :Mahesh Dadoda 04/02/2024

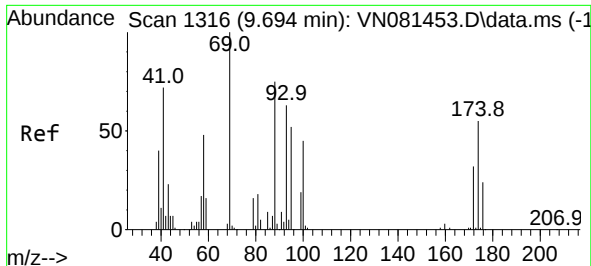


#48
Methyl methacrylate
Concen: 48.439 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38



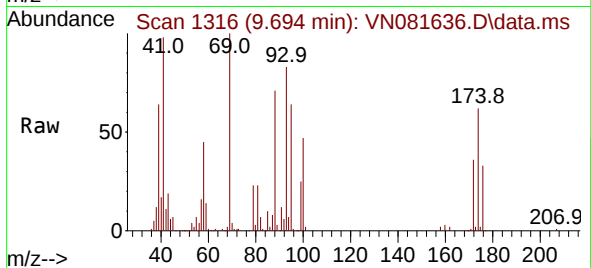
Tgt Ion: 41 Resp: 219983
Ion Ratio Lower Upper
41 100
69 99.7 62.2 93.2
39 64.5 47.6 71.4





#49
1,4-Dioxane
Concen: 916.272 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

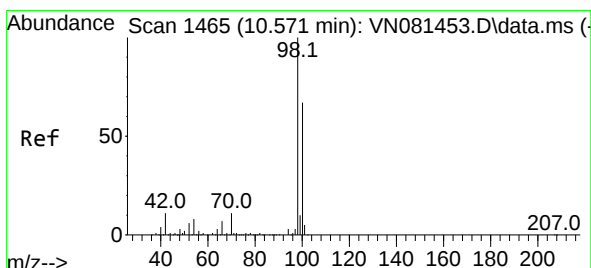
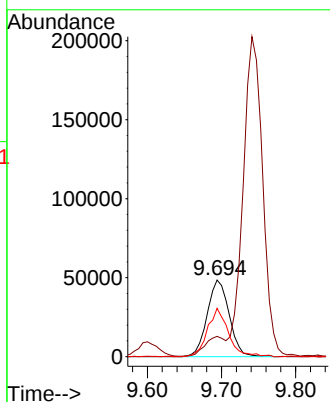
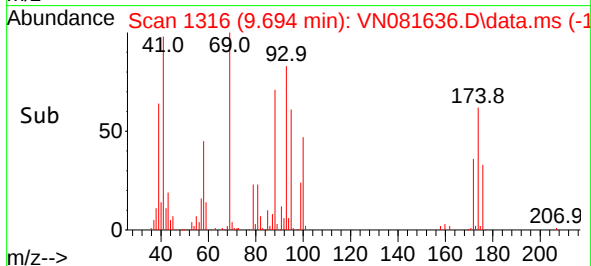
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



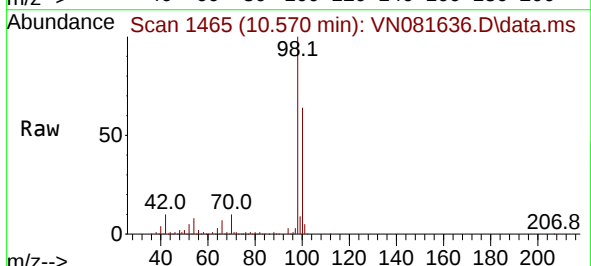
Tgt Ion: 88 Resp: 100000
Ion Ratio Lower Upper
88 100
43 24.0 30.1 45.1
58 60.3 63.9 95.9

Manual Integrations
APPROVED

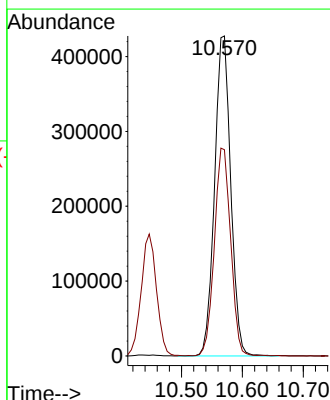
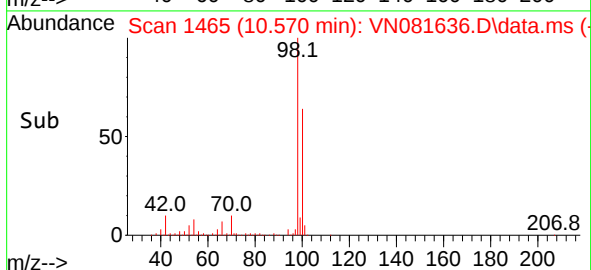
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

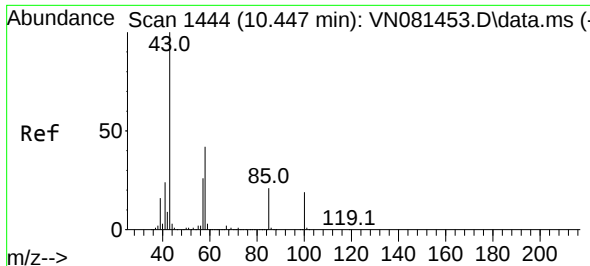


#50
Toluene-d8
Concen: 52.815 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38



Tgt Ion: 98 Resp: 786977
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0





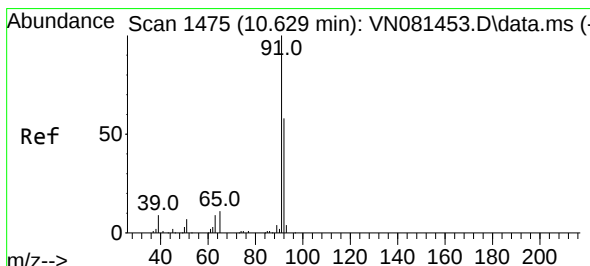
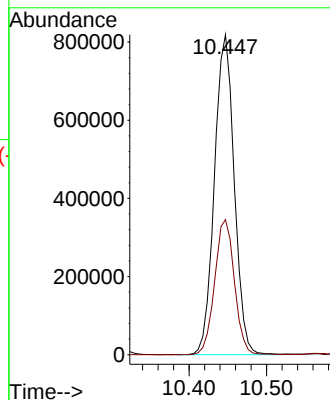
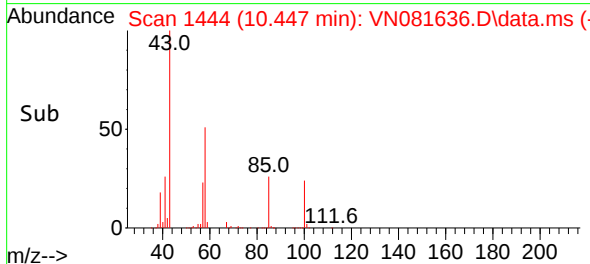
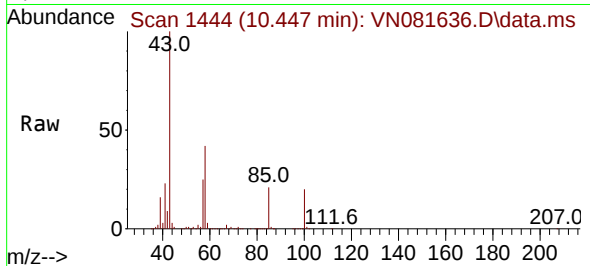
#51
4-Methyl-2-Pentanone
Concen: 241.600 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1451564
Ion Ratio Lower Upper
43 100
58 42.1 29.4 44.0

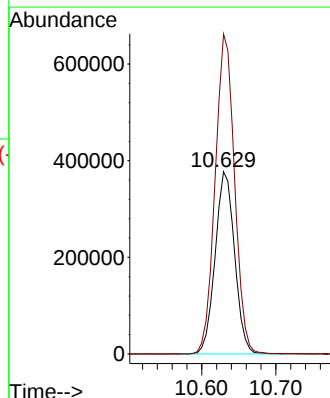
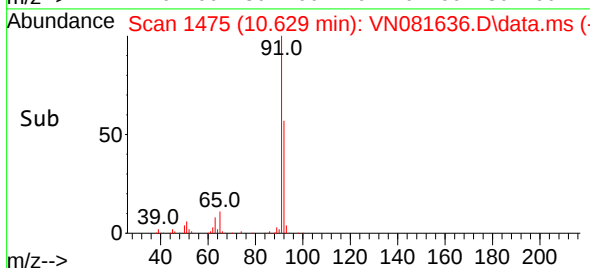
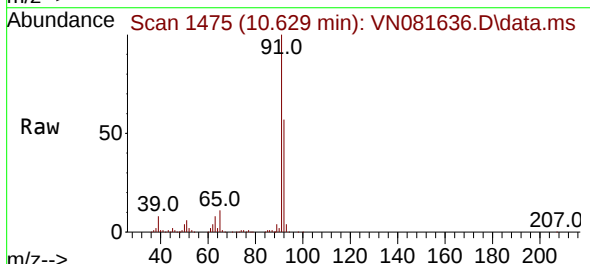
Manual Integrations
APPROVED

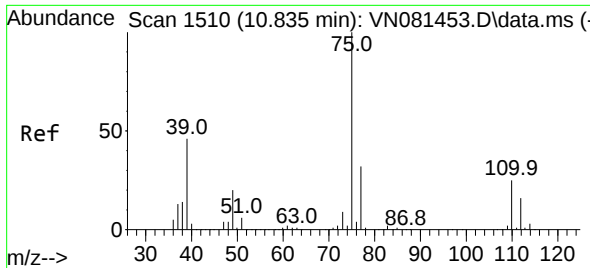
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#52
Toluene
Concen: 53.352 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

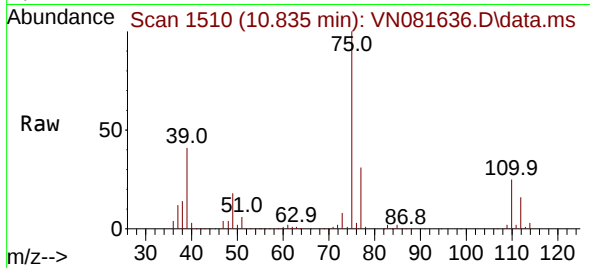
Tgt Ion: 92 Resp: 687714
Ion Ratio Lower Upper
92 100
91 175.2 139.4 209.0





#53
 t-1,3-Dichloropropene
 Concen: 53.593 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN081636.D
 Acq: 01 Apr 2024 09:38

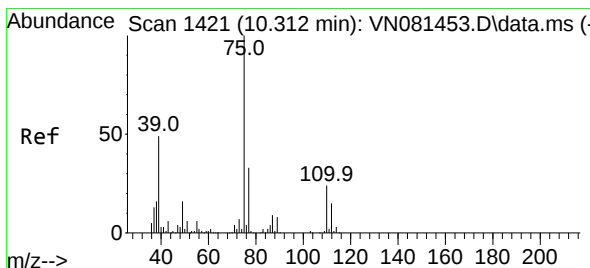
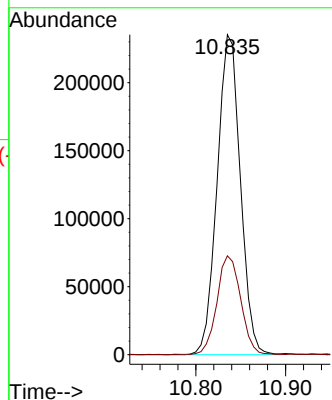
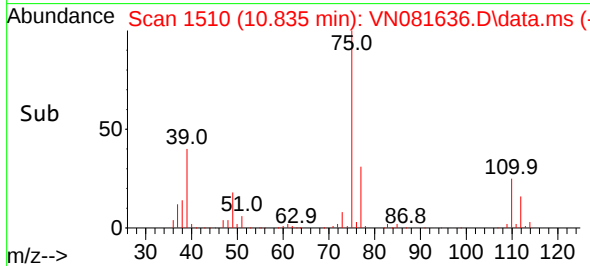
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 42233
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.5 38.3

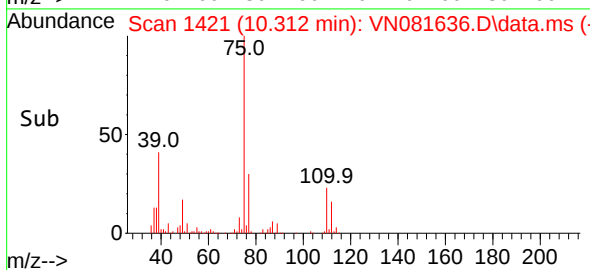
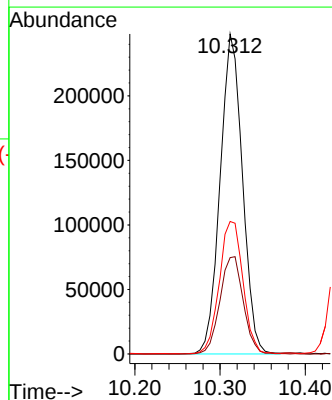
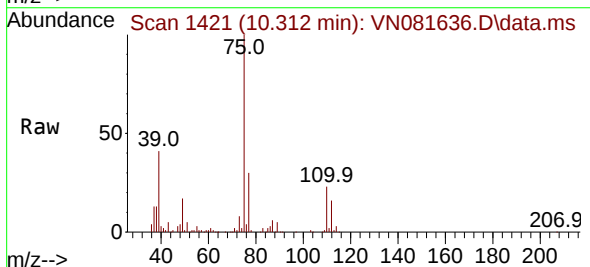
Manual Integrations
 APPROVED

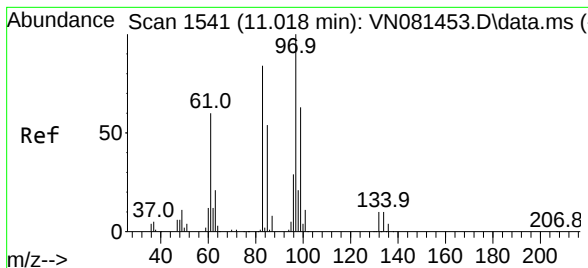
Reviewed By :John Carlone 04/02/2024
 Supervised By :Mahesh Dadoda 04/02/2024



#54
 cis-1,3-Dichloropropene
 Concen: 53.437 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081636.D
 Acq: 01 Apr 2024 09:38

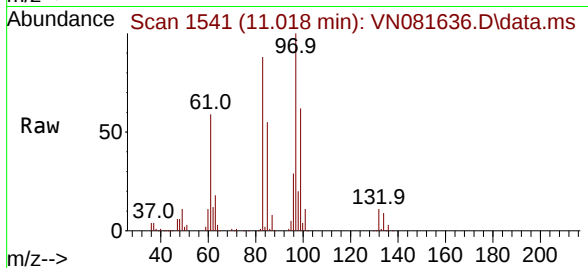
Tgt Ion: 75 Resp: 451482
 Ion Ratio Lower Upper
 75 100
 77 30.1 23.3 34.9
 39 41.4 44.6 66.8#





#55
1,1,2-Trichloroethane
Concen: 54.863 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

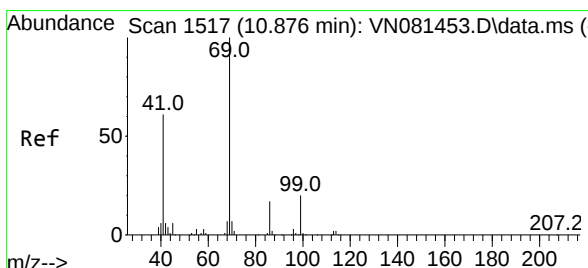
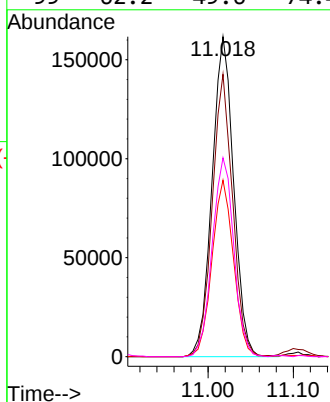
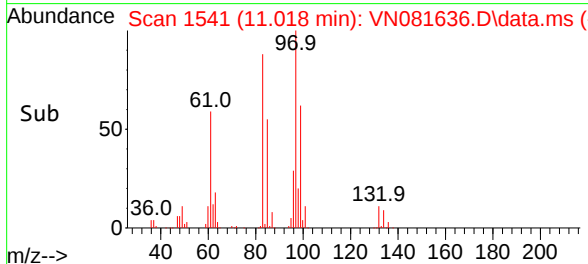
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



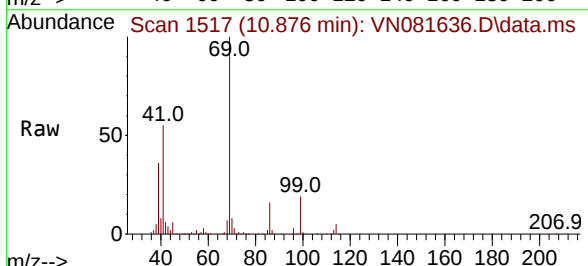
Tgt Ion:	97	Resp:	28460
Ion	Ratio	Lower	Upper
97	100		
83	88.2	72.9	109.3
85	55.2	50.2	75.2
99	62.2	49.6	74.4

Manual Integrations
APPROVED

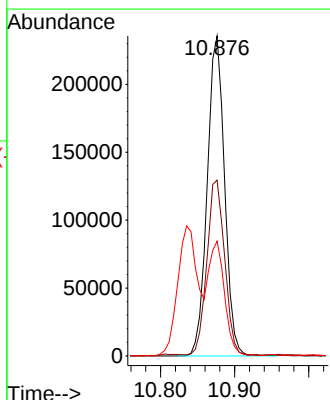
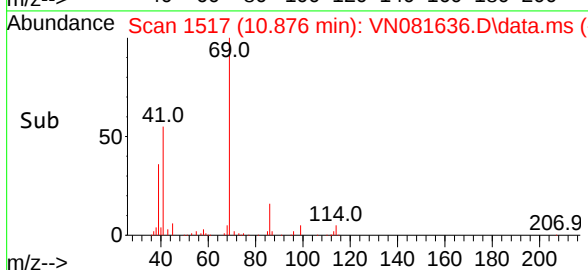
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

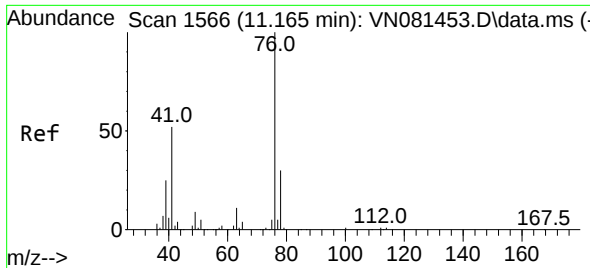


#56
Ethyl methacrylate
Concen: 49.631 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38



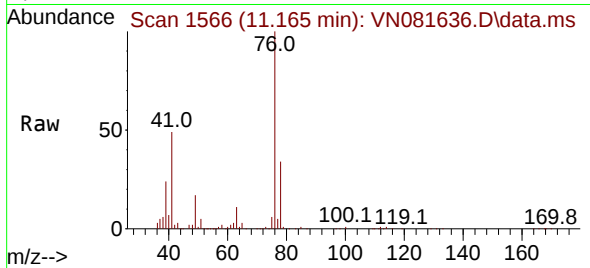
Tgt Ion:	69	Resp:	382939
Ion	Ratio	Lower	Upper
69	100		
41	56.1	61.0	91.6#
39	32.7	31.8	47.6





#57
1,3-Dichloropropane
Concen: 53.792 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

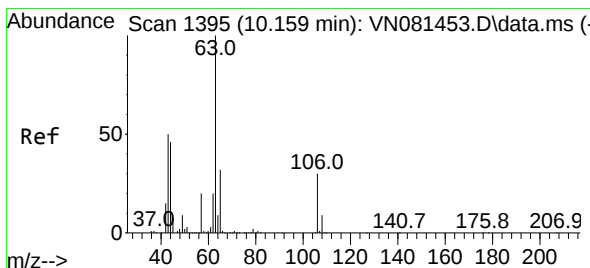
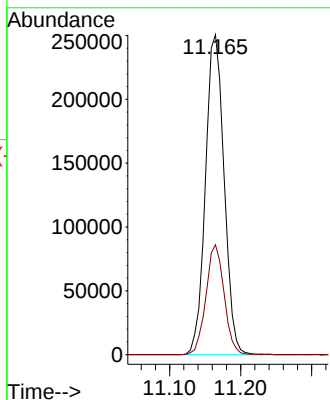
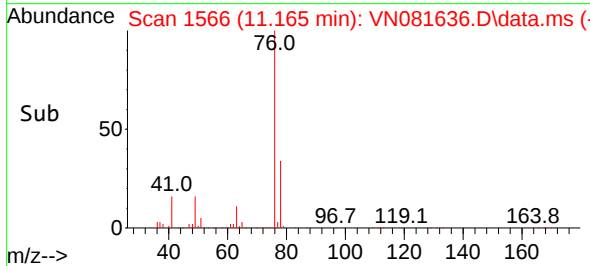
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



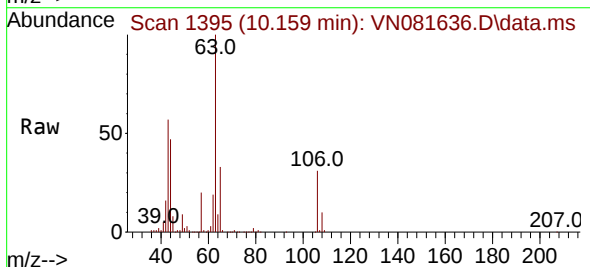
Tgt Ion: 76 Resp: 457449
Ion Ratio Lower Upper
76 100
78 33.5 25.5 38.3

Manual Integrations
APPROVED

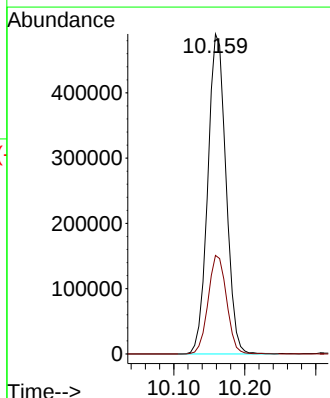
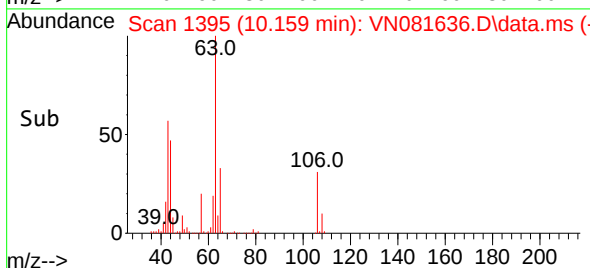
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

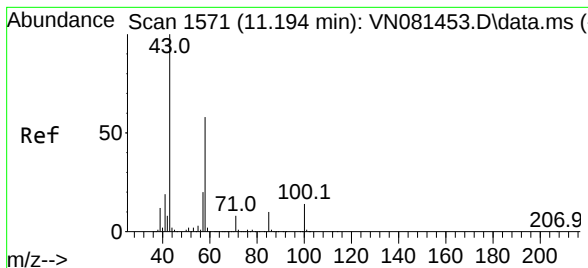


#58
2-Chloroethyl Vinyl ether
Concen: 267.118 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38



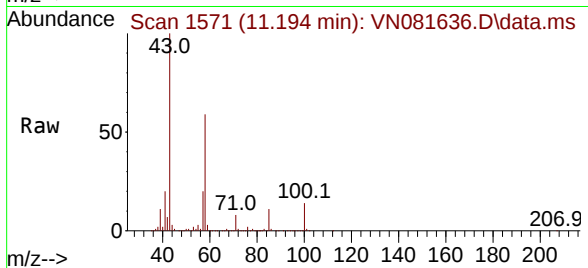
Tgt Ion: 63 Resp: 871907
Ion Ratio Lower Upper
63 100
106 31.2 18.6 28.0#





#59
2-Hexanone
Concen: 241.905 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

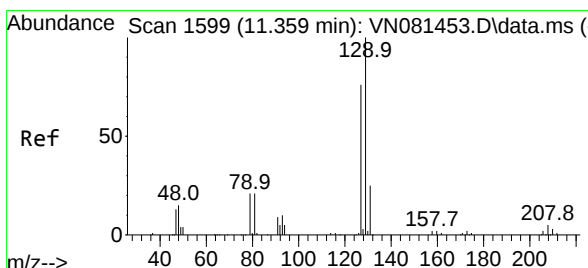
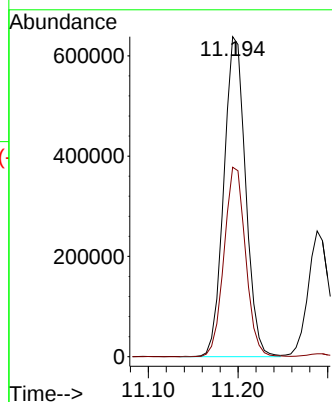
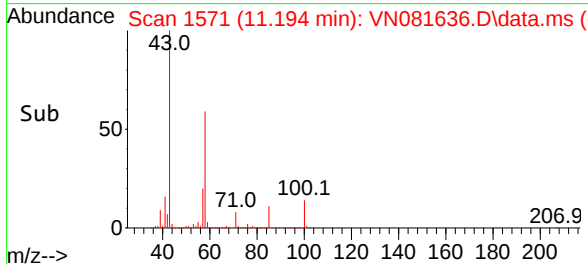
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1074554
Ion Ratio Lower Upper
43 100
58 58.7 25.9 77.8

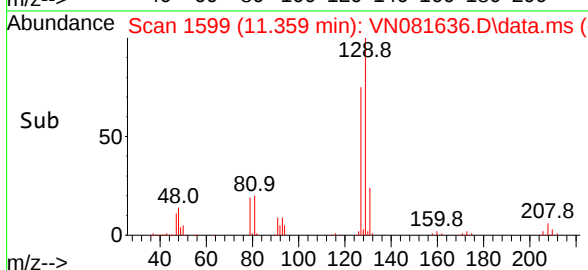
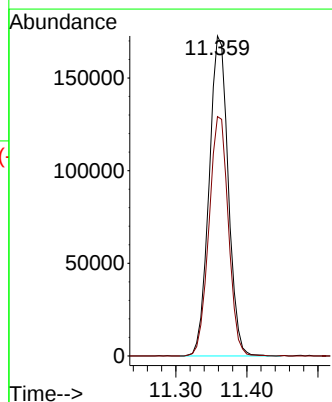
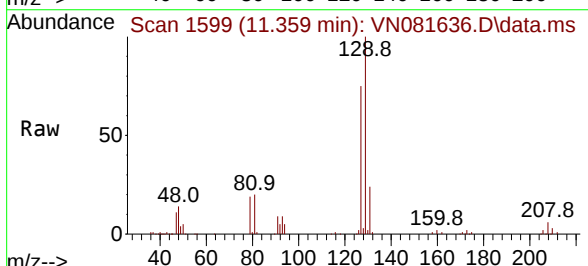
Manual Integrations
APPROVED

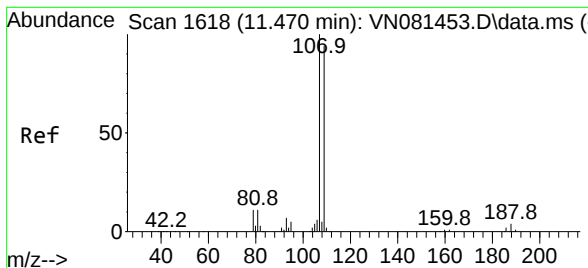
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#60
Dibromochloromethane
Concen: 56.554 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

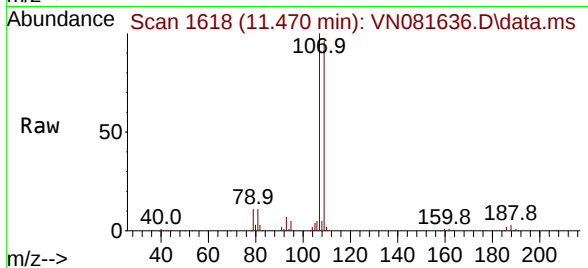
Tgt Ion:129 Resp: 322644
Ion Ratio Lower Upper
129 100
127 75.8 39.4 118.2





#61
1,2-Dibromoethane
Concen: 53.823 ug/l
RT: 11.470 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

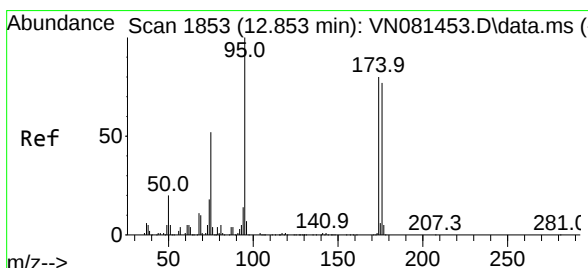
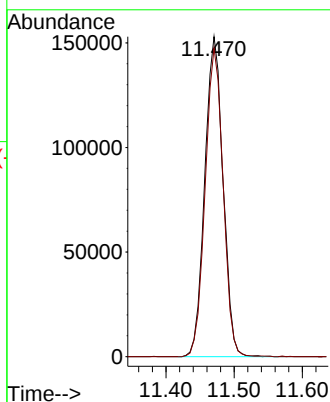
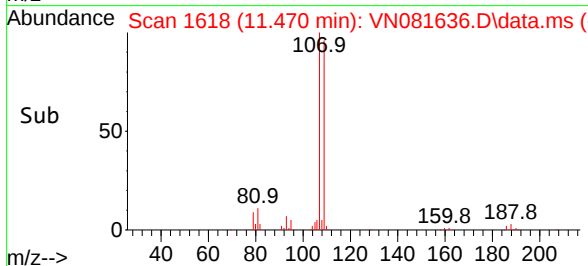
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



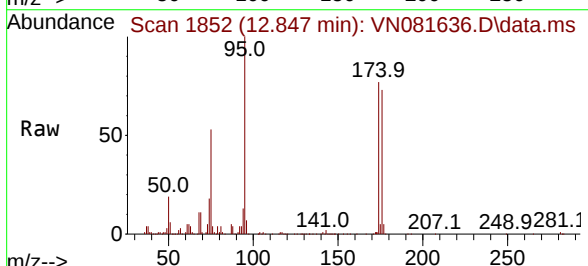
Tgt Ion:107 Resp: 284660
Ion Ratio Lower Upper
107 100
109 94.8 73.4 110.2

Manual Integrations
APPROVED

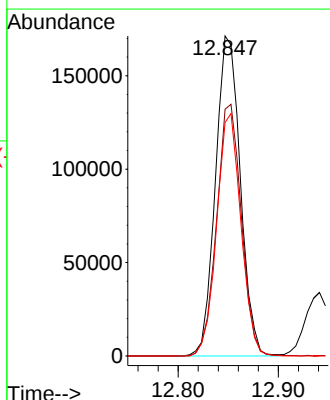
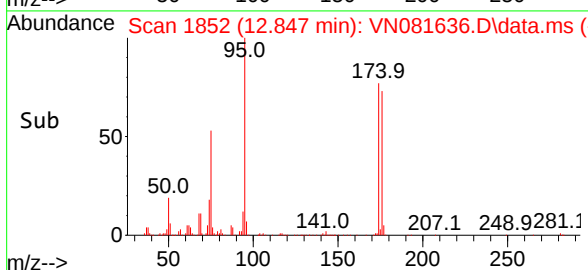
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

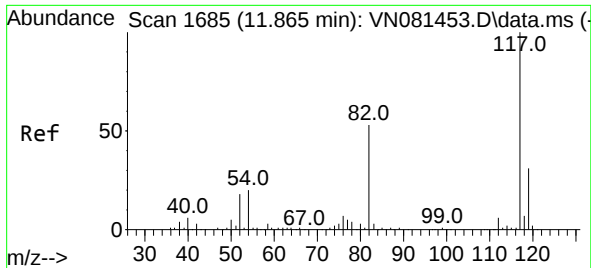


#62
4-Bromofluorobenzene
Concen: 56.172 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38



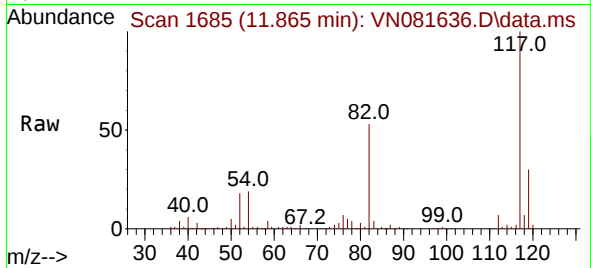
Tgt Ion: 95 Resp: 294924
Ion Ratio Lower Upper
95 100
174 78.2 0.0 120.4
176 73.8 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

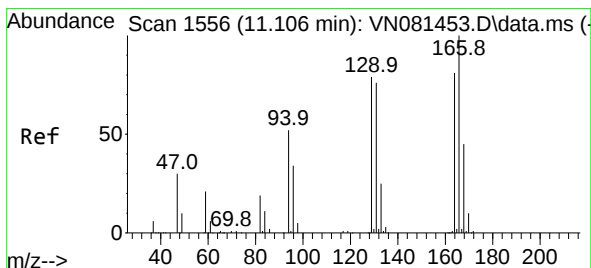
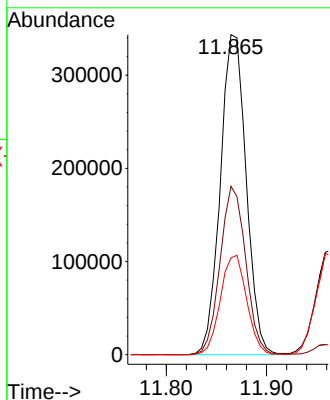
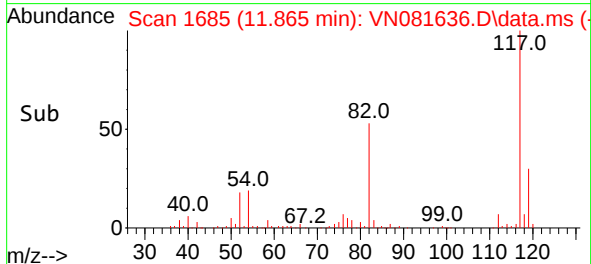
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 616448
Ion Ratio Lower Upper
117 100
82 52.6 52.7 79.1
119 30.2 25.3 37.9

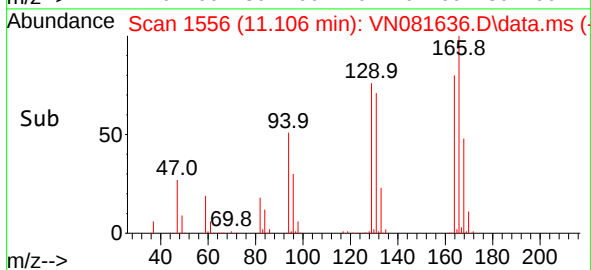
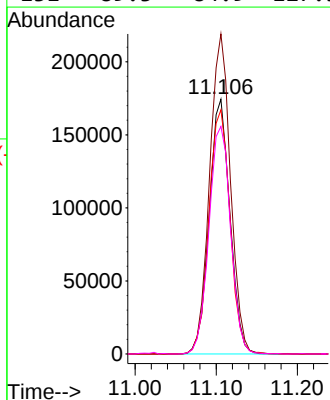
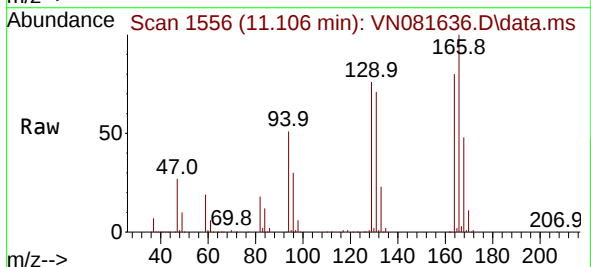
Manual Integrations
APPROVED

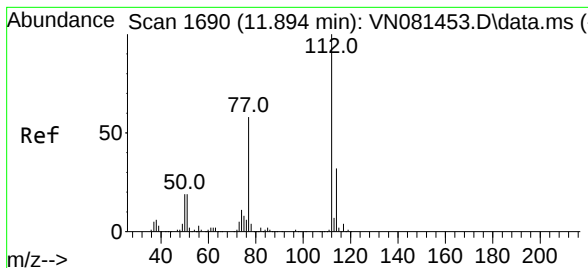
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#64
Tetrachloroethene
Concen: 52.583 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

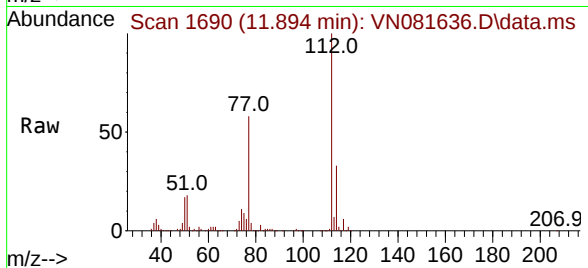
Tgt Ion:164 Resp: 309846
Ion Ratio Lower Upper
164 100
166 125.6 105.8 158.6
129 95.9 89.6 134.4
131 89.3 84.9 127.3





#65
Chlorobenzene
Concen: 52.035 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

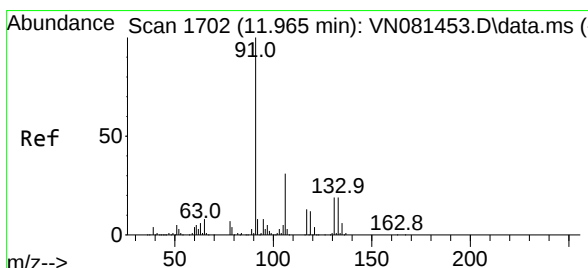
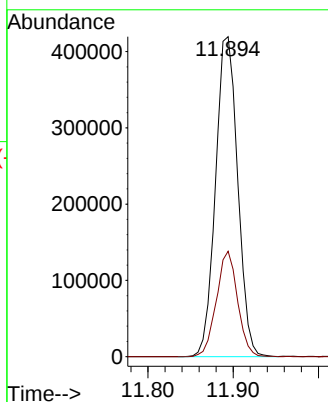
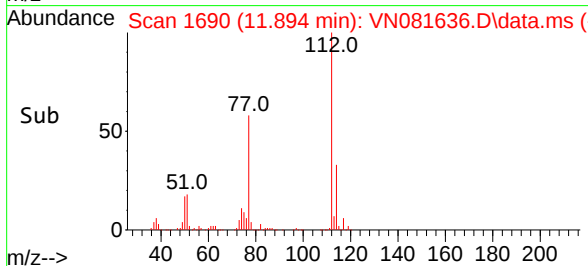
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



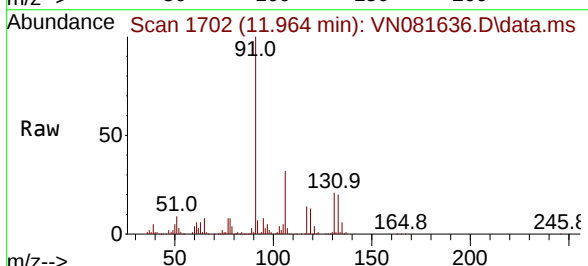
Tgt Ion:112 Resp: 75830
Ion Ratio Lower Upper
112 100
114 33.0 23.7 35.5

Manual Integrations
APPROVED

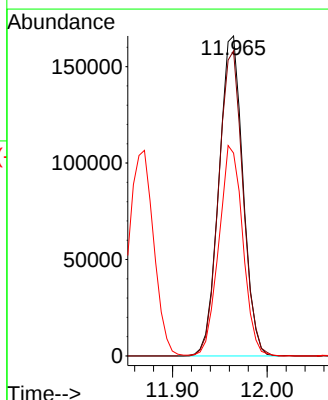
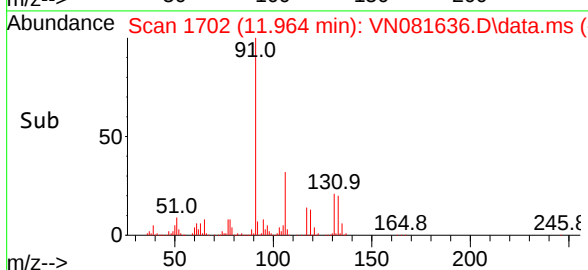
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

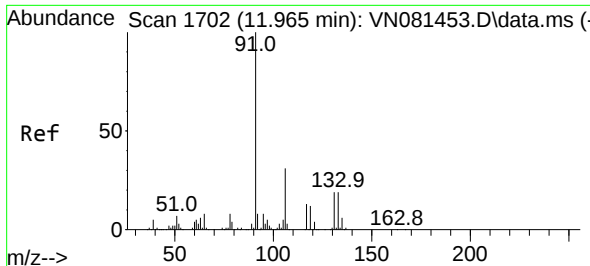


#66
1,1,1,2-Tetrachloroethane
Concen: 54.269 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38



Tgt Ion:131 Resp: 293110
Ion Ratio Lower Upper
131 100
133 96.1 46.8 140.3
119 65.5 34.6 103.9





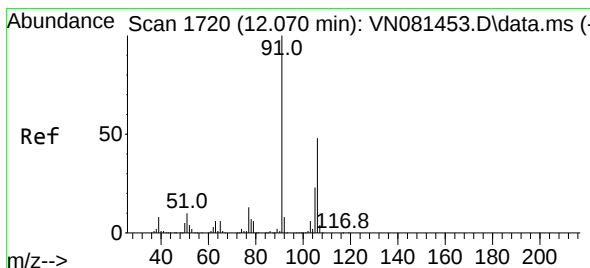
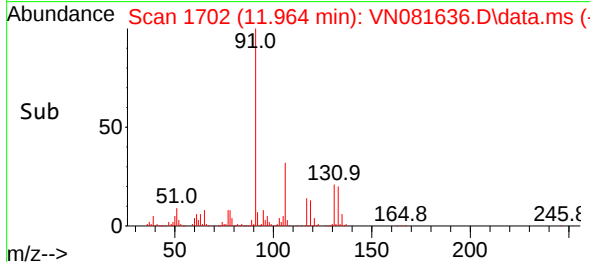
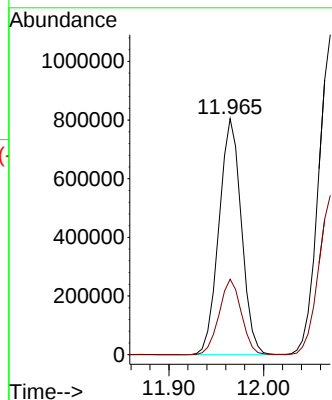
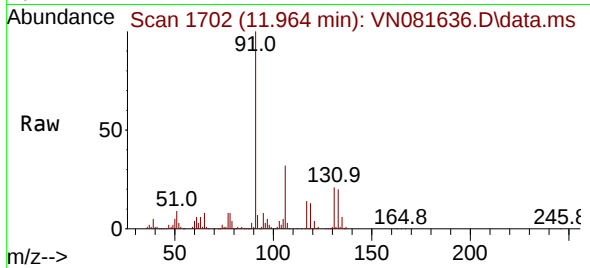
#67
Ethyl Benzene
Concen: 52.308 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1324138
Ion Ratio Lower Upper
91 100
106 32.0 23.8 35.6

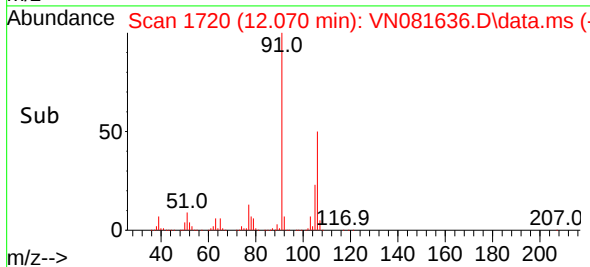
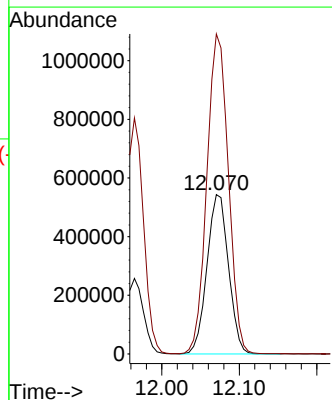
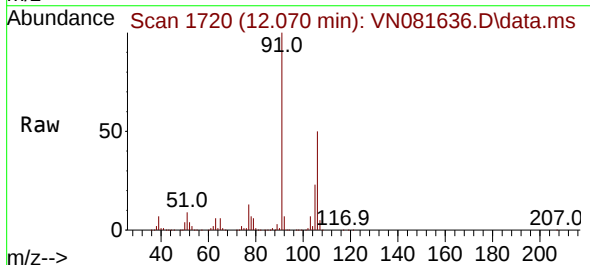
Manual Integrations
APPROVED

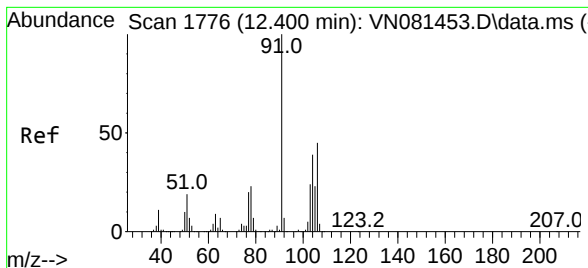
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#68
m/p-Xylenes
Concen: 110.445 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

Tgt Ion:106 Resp: 1048106
Ion Ratio Lower Upper
106 100
91 200.7 169.0 253.6





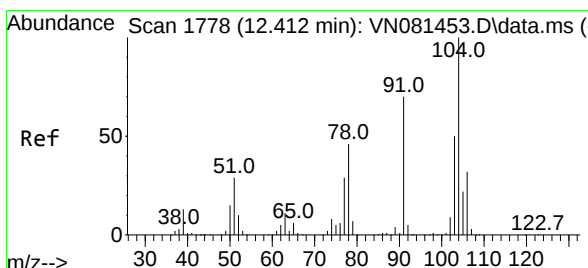
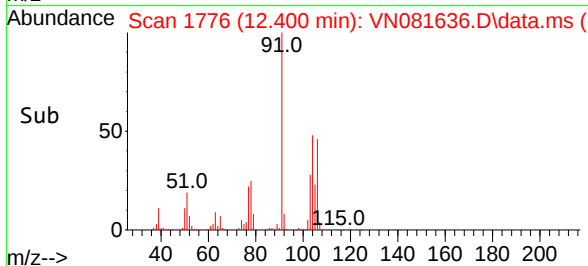
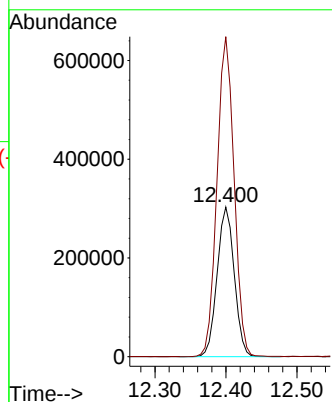
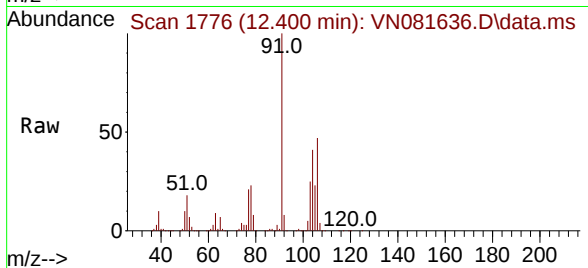
#69
o-Xylene
Concen: 54.240 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 505320
Ion Ratio Lower Upper
106 100
91 213.8 112.1 336.3

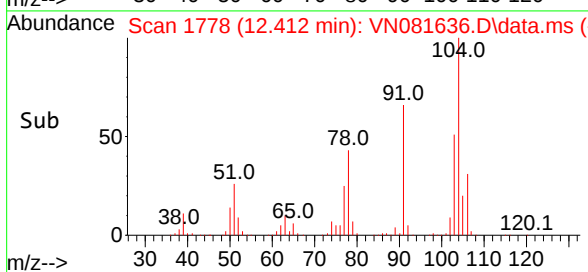
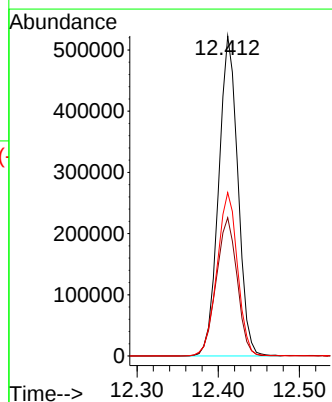
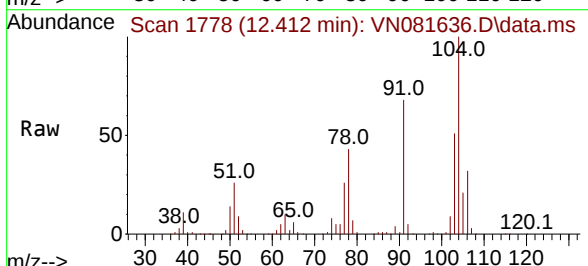
Manual Integrations
APPROVED

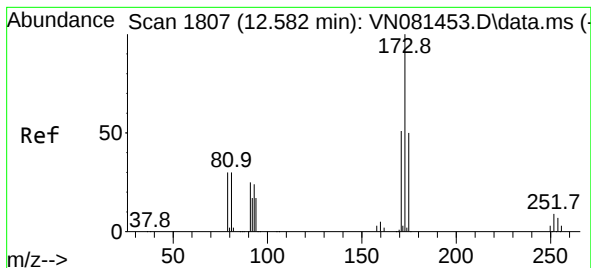
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#70
Styrene
Concen: 57.393 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

Tgt Ion:104 Resp: 862360
Ion Ratio Lower Upper
104 100
78 46.9 43.8 65.8
103 54.5 44.2 66.2





#71

Bromoform

Concen: 54.383 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081636.D

Acq: 01 Apr 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 22072

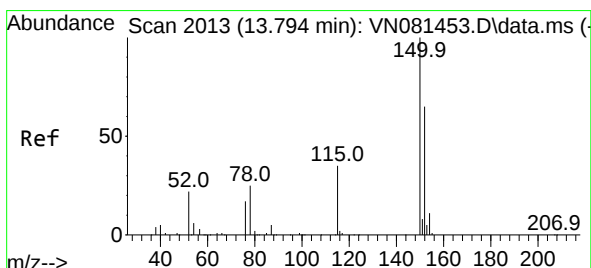
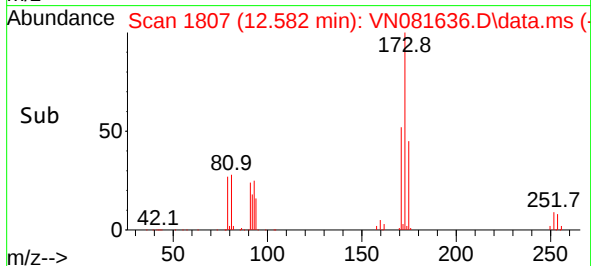
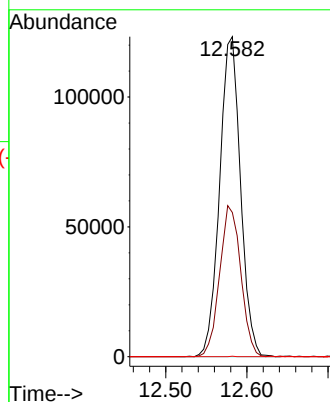
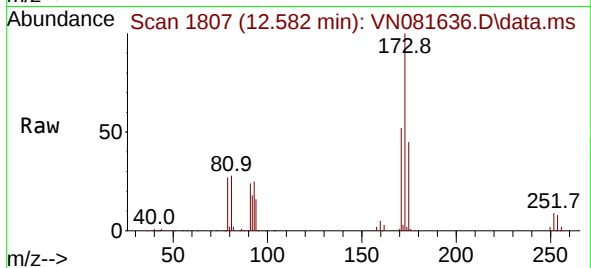
Ion	Ratio	Lower	Upper
173	100		
175	47.7	23.1	69.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

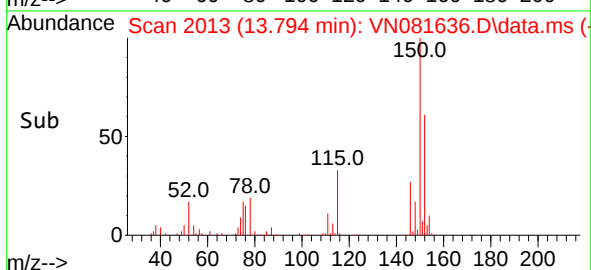
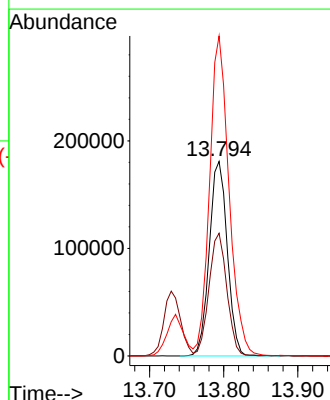
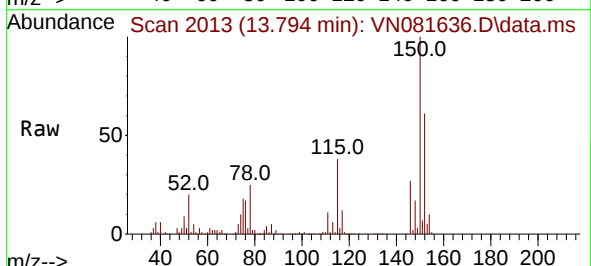
Delta R.T. -0.000 min

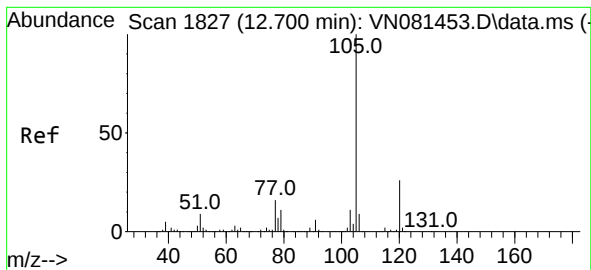
Lab File: VN081636.D

Acq: 01 Apr 2024 09:38

Tgt Ion:152 Resp: 305787

Ion	Ratio	Lower	Upper
152	100		
115	62.4	32.3	96.8
150	176.8	0.0	339.8





#73

Isopropylbenzene

Concen: 50.696 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN081636.D

Acq: 01 Apr 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 132143

Ion Ratio Lower Upper

105 100

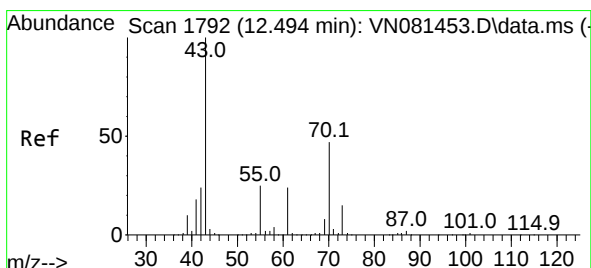
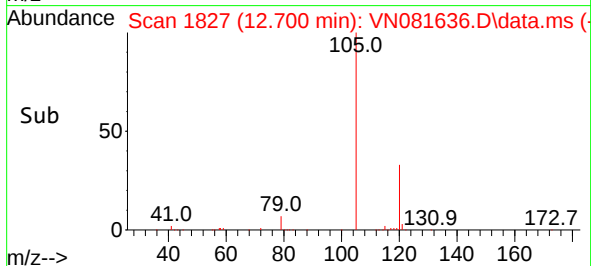
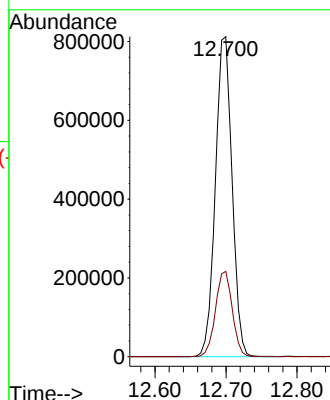
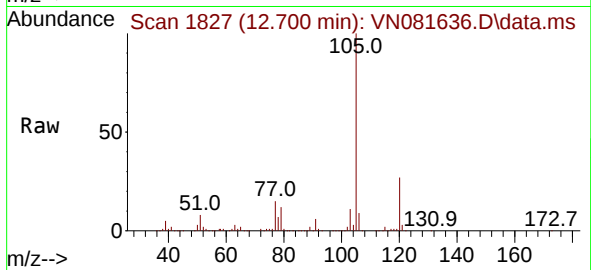
120 26.9 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#74

N-ethyl acetate

Concen: 45.209 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081636.D

Acq: 01 Apr 2024 09:38

Tgt Ion: 43 Resp: 426452

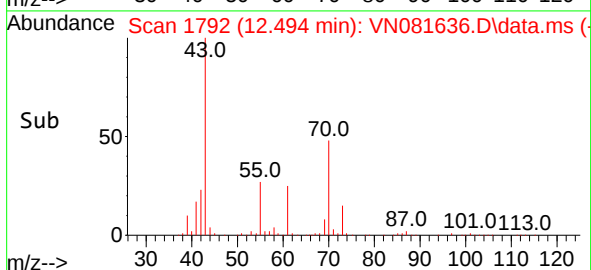
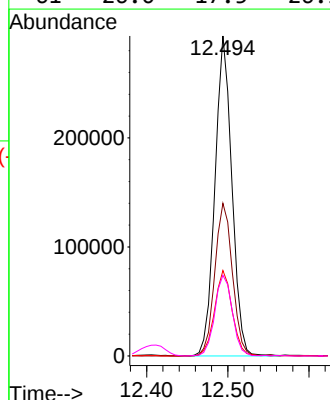
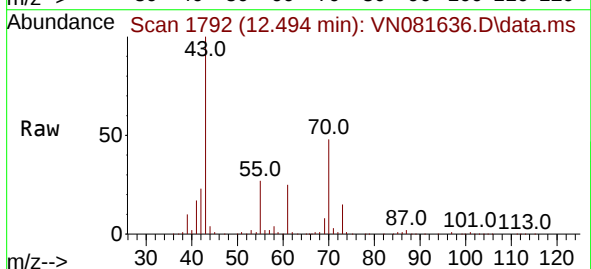
Ion Ratio Lower Upper

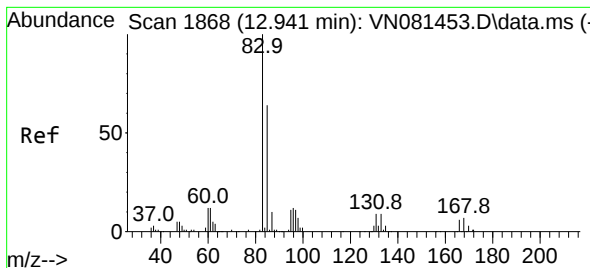
43 100

70 49.7 30.1 45.1#

55 27.8 17.0 25.4#

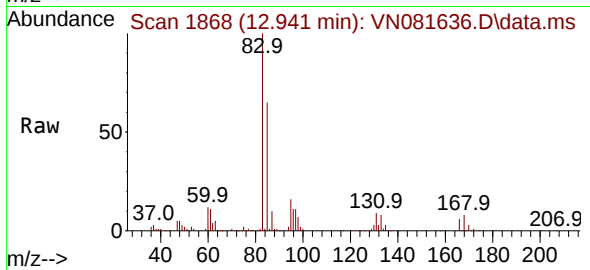
61 26.0 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 46.335 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

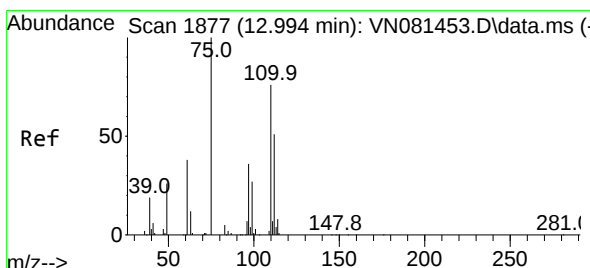
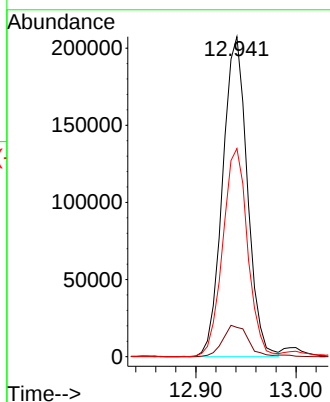
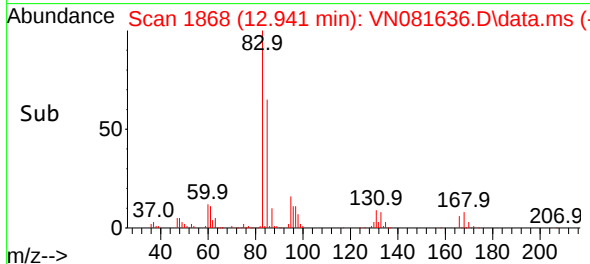
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



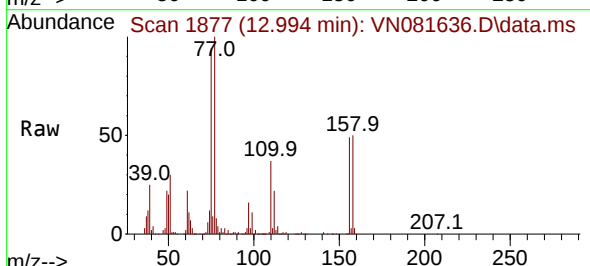
Tgt Ion: 83 Resp: 355094
Ion Ratio Lower Upper
83 100
131 10.0 4.1 12.3
85 65.5 32.1 96.3

Manual Integrations
APPROVED

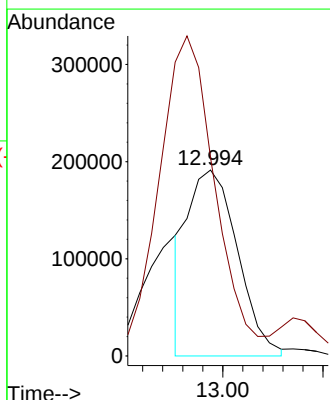
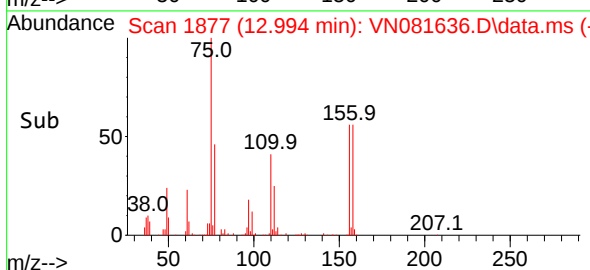
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

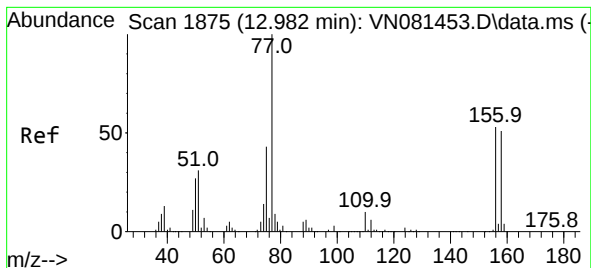


#76
1,2,3-Trichloropropane
Concen: 45.178 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38



Tgt Ion: 75 Resp: 330461
Ion Ratio Lower Upper
75 100
77 193.5 91.0 272.8





#77

Bromobenzene

Concen: 49.131 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081636.D

Acq: 01 Apr 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

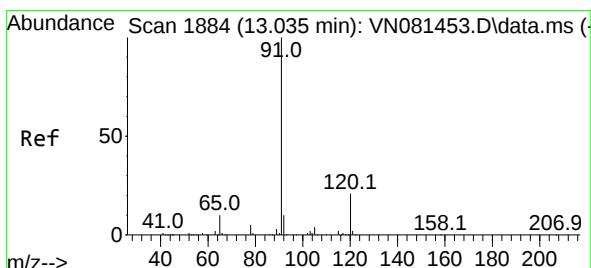
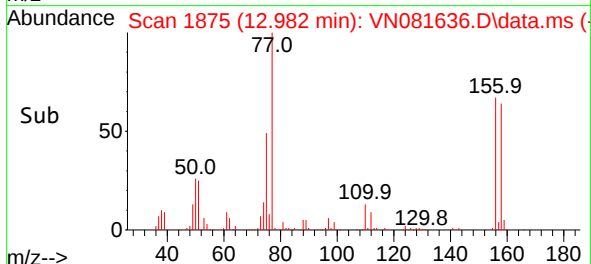
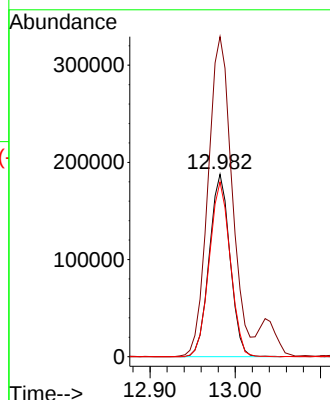
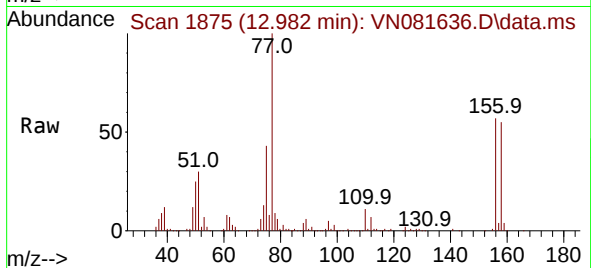
Tgt Ion:156 Resp: 316352
 Ion Ratio Lower Upper
 156 100
 77 202.1 138.1 414.3
 158 97.3 46.5 139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#78

n-propylbenzene

Concen: 51.692 ug/l

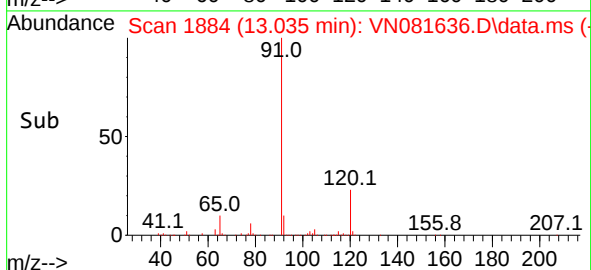
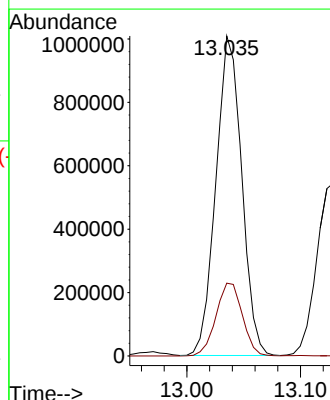
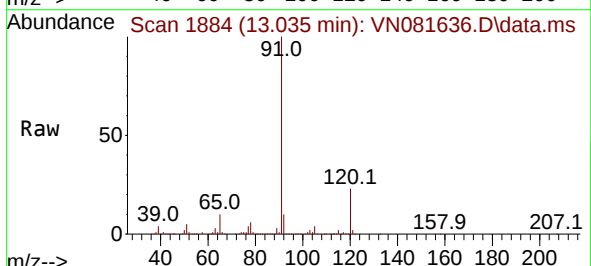
RT: 13.035 min Scan# 1884

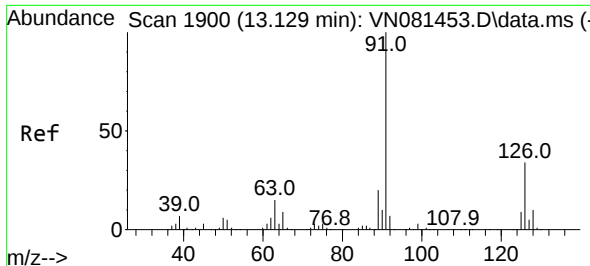
Delta R.T. -0.000 min

Lab File: VN081636.D

Acq: 01 Apr 2024 09:38

Tgt Ion: 91 Resp: 1591190
 Ion Ratio Lower Upper
 91 100
 120 23.3 10.3 30.9





#79

2-Chlorotoluene

Concen: 51.117 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN081636.D

Acq: 01 Apr 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 941754

Ion Ratio Lower Upper

91 100

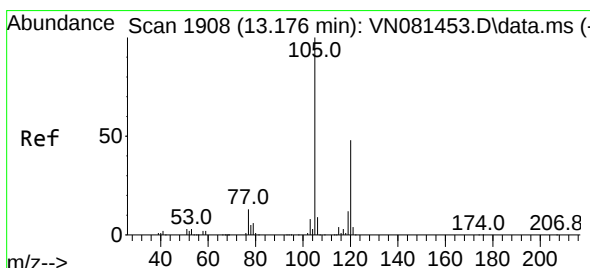
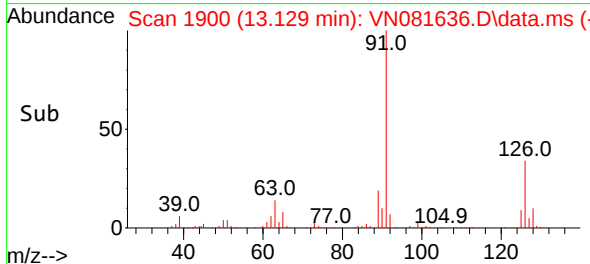
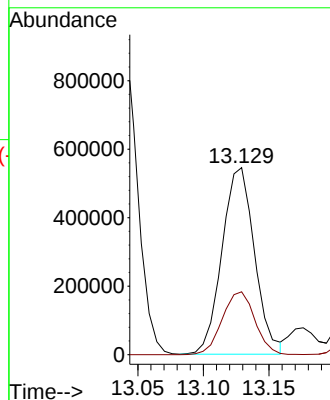
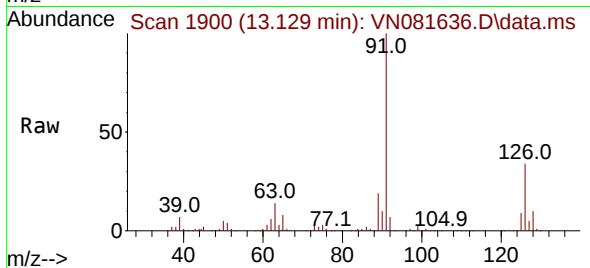
126 33.8 14.8 44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#80

1,3,5-Trimethylbenzene

Concen: 52.767 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081636.D

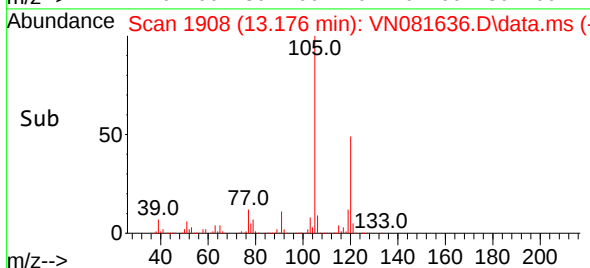
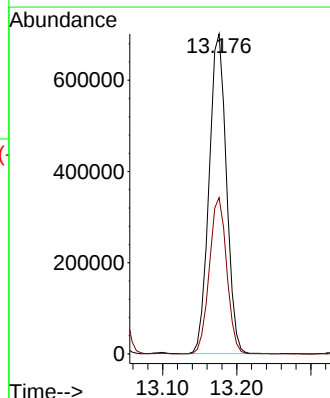
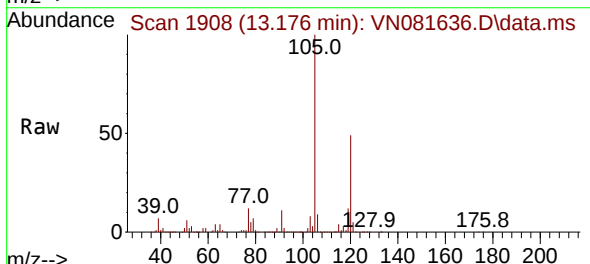
Acq: 01 Apr 2024 09:38

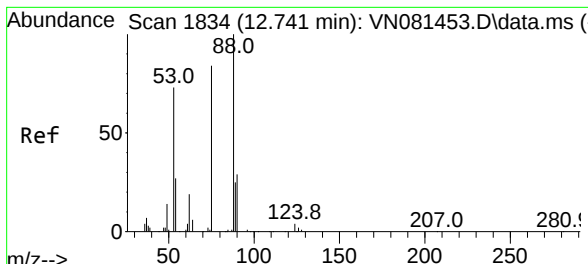
Tgt Ion:105 Resp: 1136011

Ion Ratio Lower Upper

105 100

120 49.1 23.0 69.0





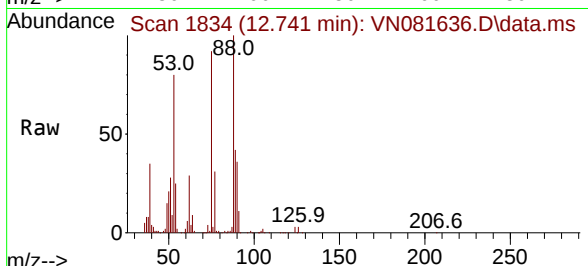
#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.817 ug/l
 RT: 12.741 min Scan# 1834
 Delta R.T. -0.000 min
 Lab File: VN081636.D
 Acq: 01 Apr 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



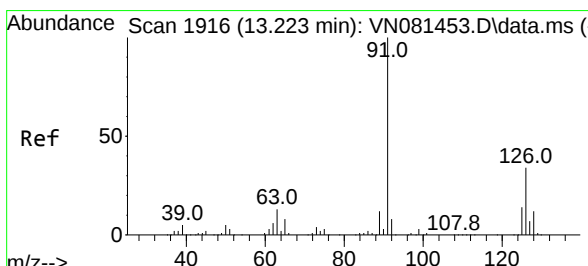
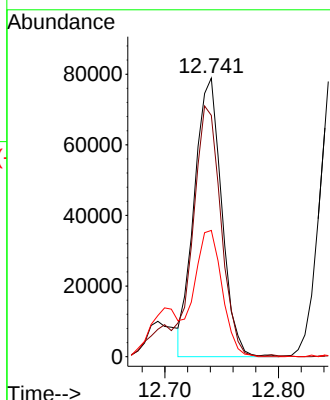
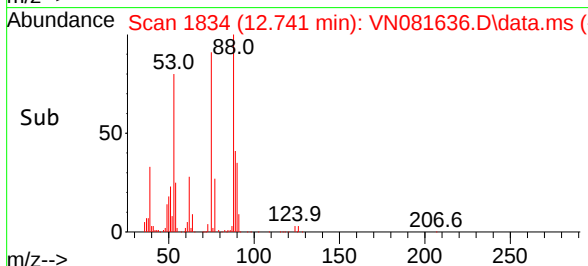
Tgt Ion:	75	Resp:	13213
Ion Ratio	Lower	Upper	
75	100		
53	101.1	71.4	107.2
89	46.9	33.4	50.0

Manual Integrations

APPROVED

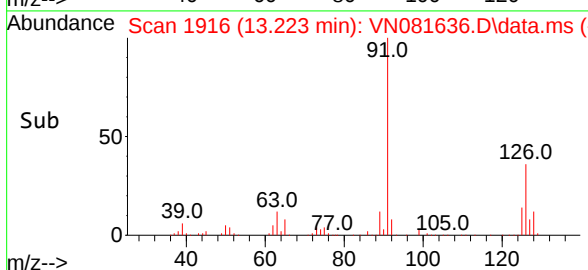
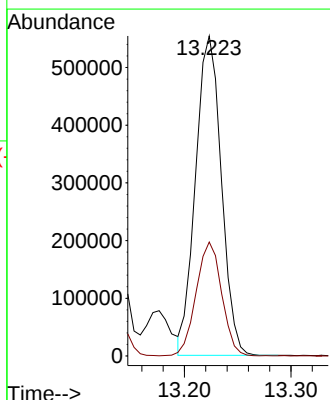
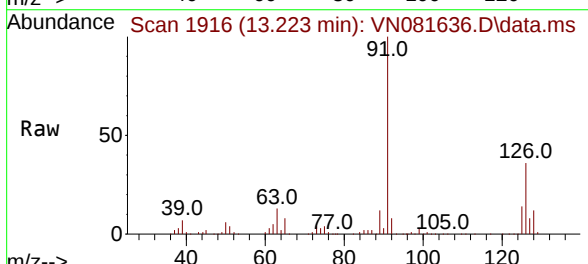
Reviewed By :John Carlone 04/02/2024

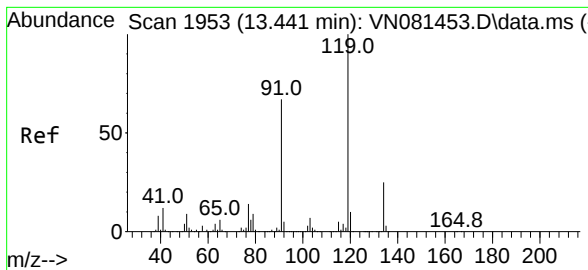
Supervised By :Mahesh Dadoda 04/02/2024



#82
 4-Chlorotoluene
 Concen: 51.231 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: VN081636.D
 Acq: 01 Apr 2024 09:38

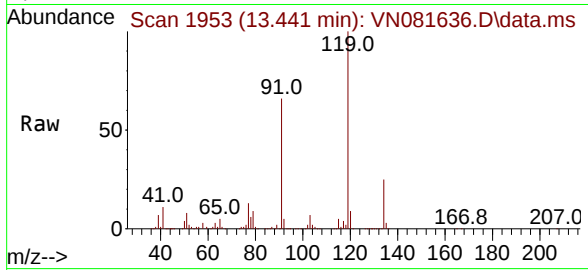
Tgt Ion:	91	Resp:	930546
Ion Ratio	Lower	Upper	
91	100		
126	35.4	15.3	45.9





#83
tert-Butylbenzene
Concen: 51.659 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

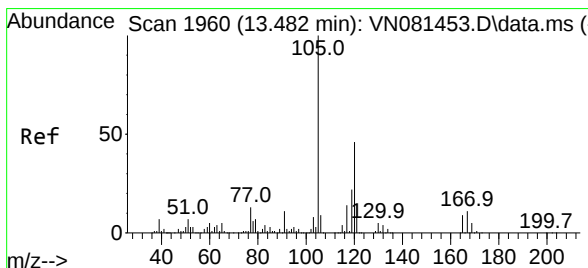
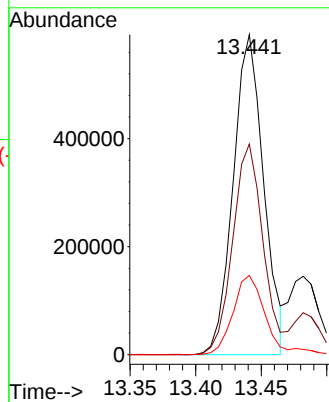
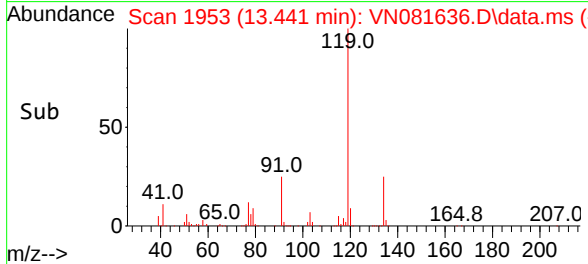
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



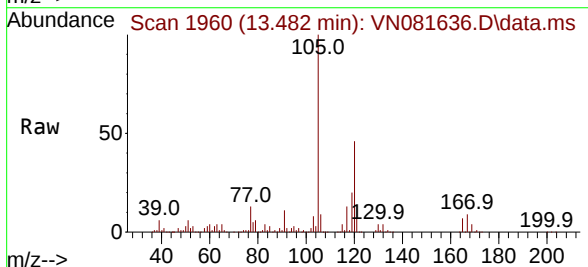
Tgt Ion:119 Resp: 959058
Ion Ratio Lower Upper
119 100
91 66.5 36.8 110.4
134 26.5 12.4 37.4

Manual Integrations
APPROVED

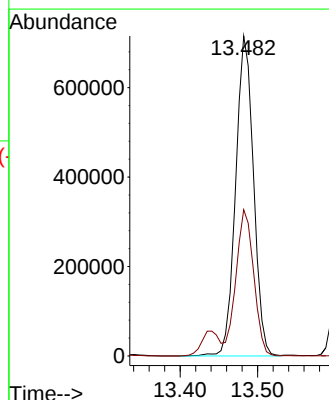
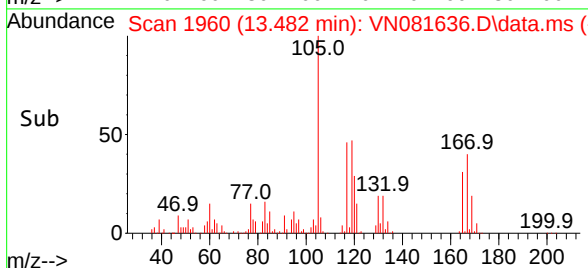
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

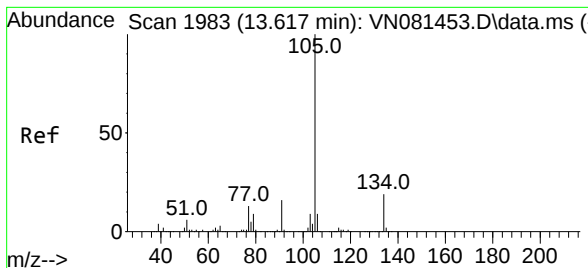


#84
1,2,4-Trimethylbenzene
Concen: 53.016 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38



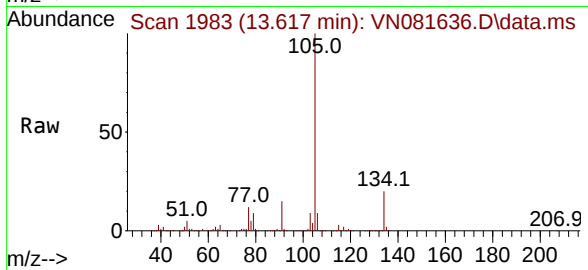
Tgt Ion:105 Resp: 1147166
Ion Ratio Lower Upper
105 100
120 45.7 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 53.260 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081636.D
 Acq: 01 Apr 2024 09:38

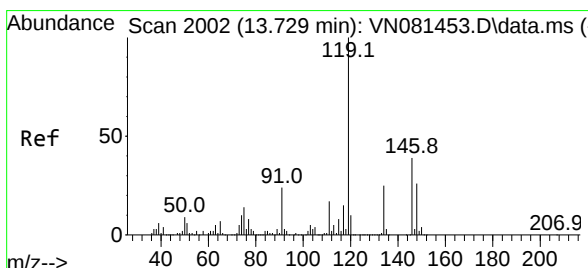
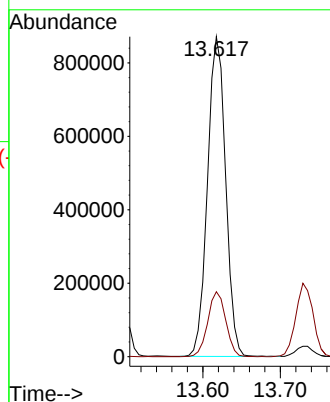
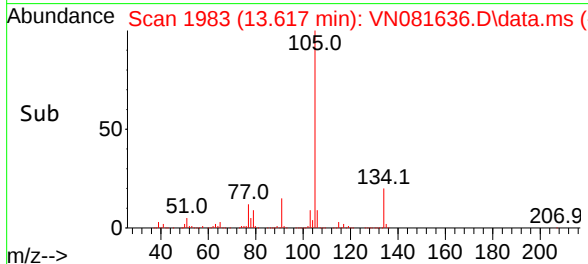
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



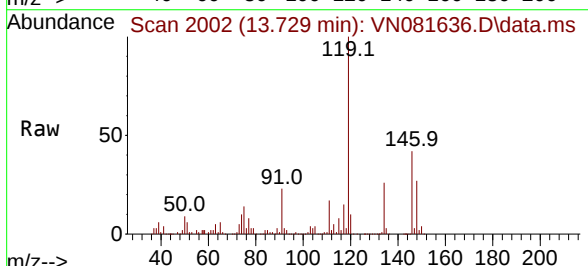
Tgt Ion:105 Resp: 141350
 Ion Ratio Lower Upper
 105 100
 134 20.2 8.6 25.8

Manual Integrations
 APPROVED

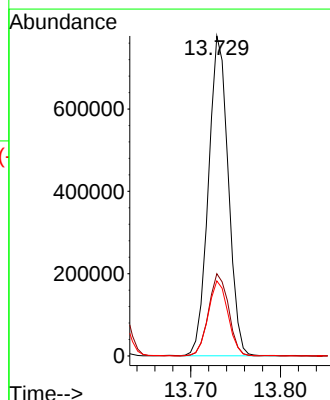
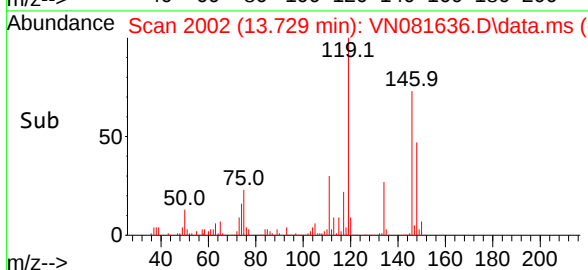
Reviewed By :John Carlone 04/02/2024
 Supervised By :Mahesh Dadoda 04/02/2024

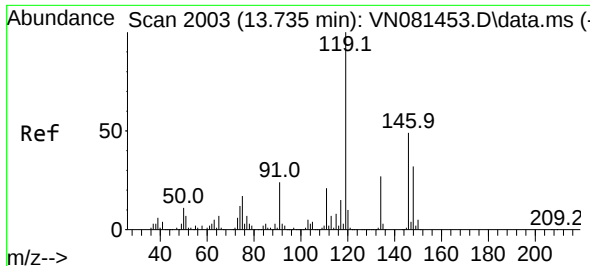


#86
 p-Isopropyltoluene
 Concen: 54.915 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081636.D
 Acq: 01 Apr 2024 09:38



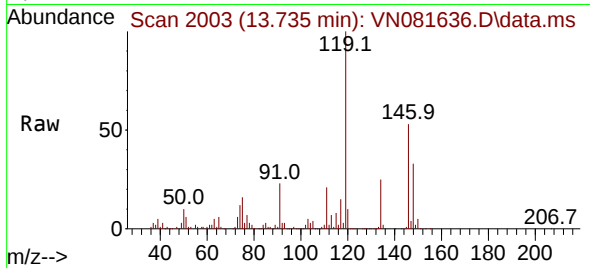
Tgt Ion:119 Resp: 1191360
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.4 37.2
 91 23.4 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 52.522 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

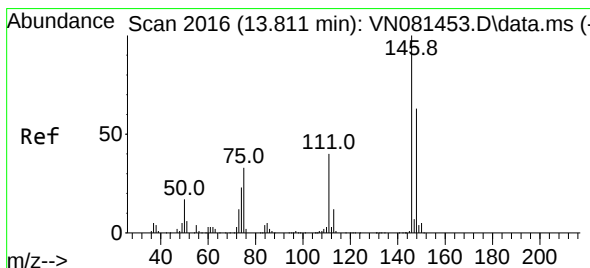
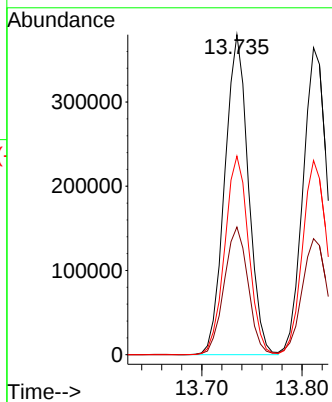
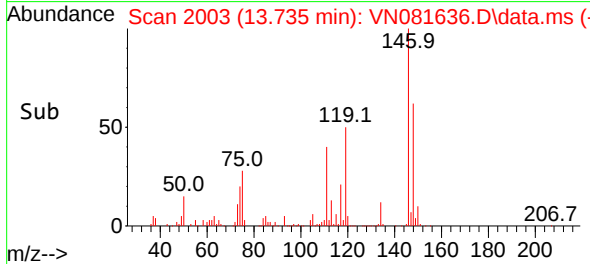
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



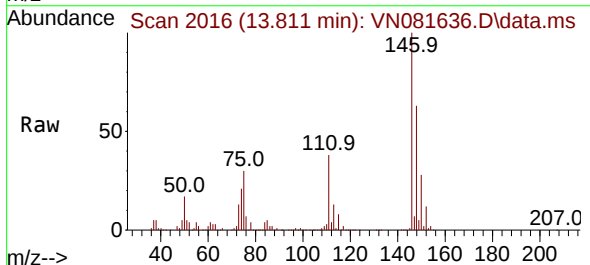
Tgt Ion:146 Resp: 621349
Ion Ratio Lower Upper
146 100
111 40.4 23.9 71.7
148 62.7 32.6 97.7

Manual Integrations
APPROVED

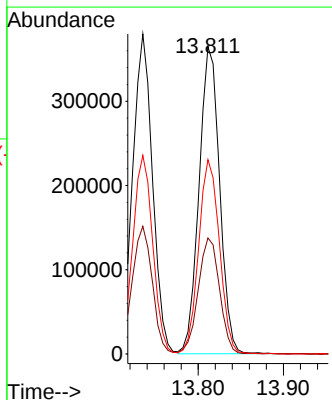
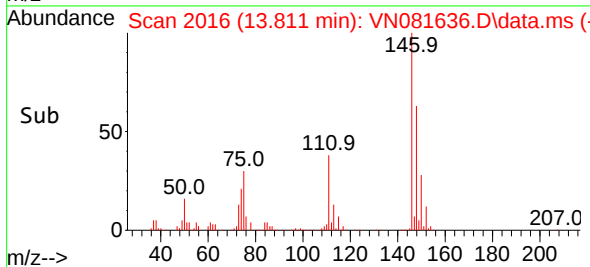
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

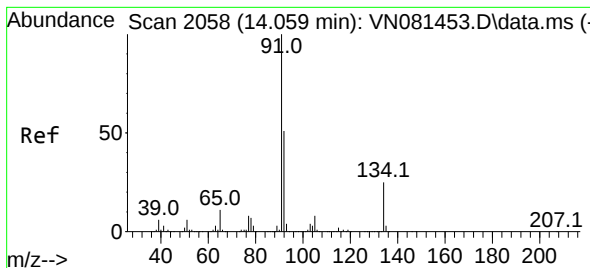


#88
1,4-Dichlorobenzene
Concen: 49.977 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38



Tgt Ion:146 Resp: 612198
Ion Ratio Lower Upper
146 100
111 39.1 22.6 67.7
148 63.8 31.9 95.5





#89

n-Butylbenzene

Concen: 53.475 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081636.D

Acq: 01 Apr 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 102870

Ion Ratio Lower Upper

91 100

92 52.7 26.7 80.1

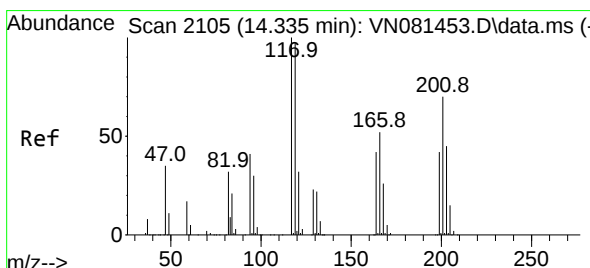
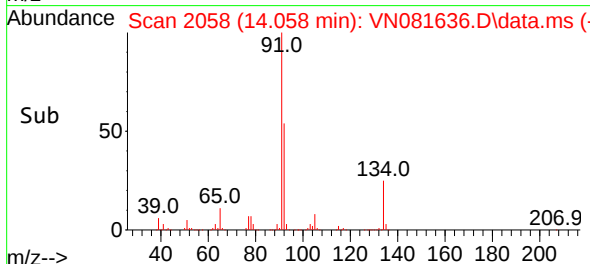
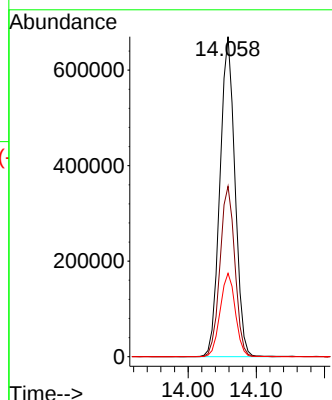
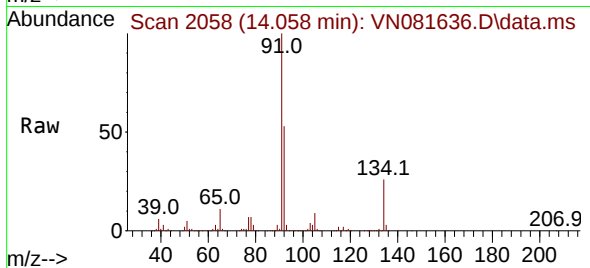
134 26.2 10.8 32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#90

Hexachloroethane

Concen: 53.724 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081636.D

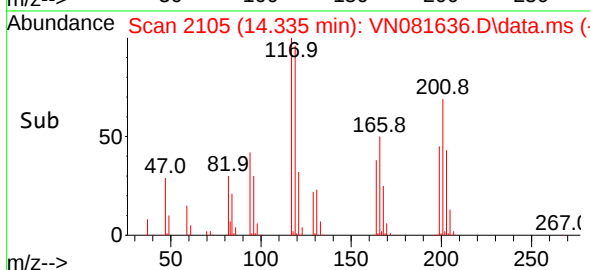
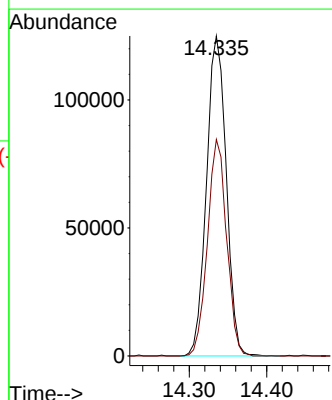
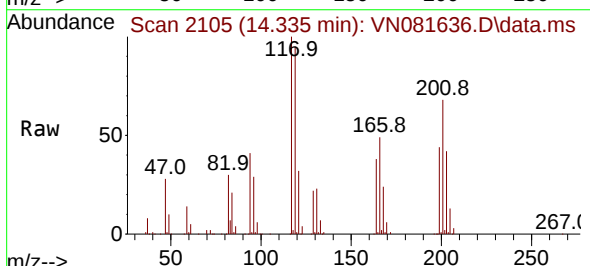
Acq: 01 Apr 2024 09:38

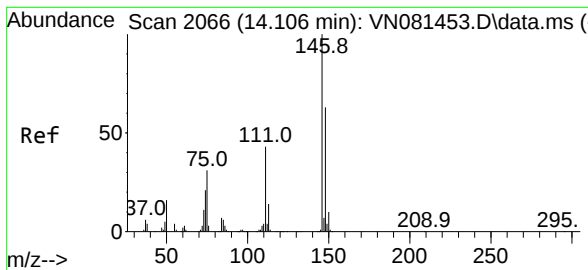
Tgt Ion:117 Resp: 220731

Ion Ratio Lower Upper

117 100

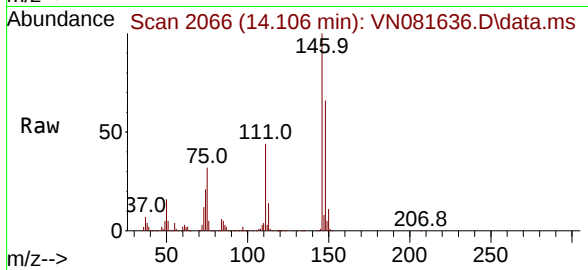
201 65.7 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 51.954 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

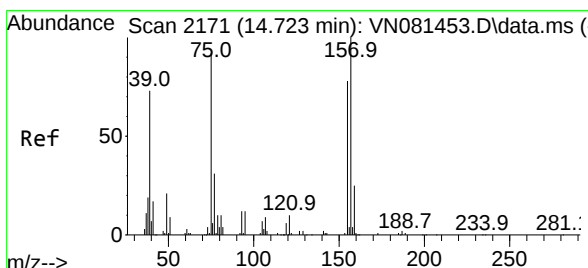
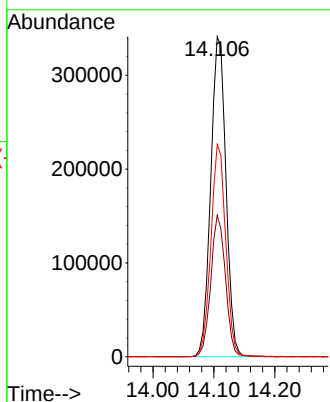
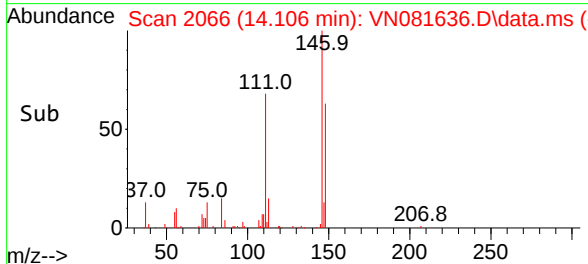
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050



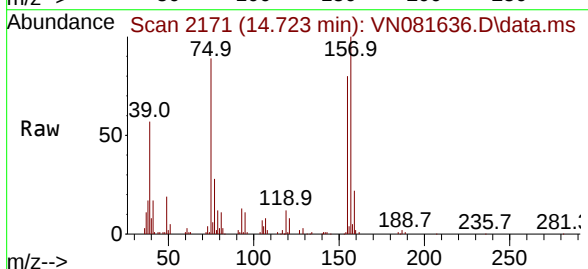
Tgt Ion:146 Resp: 591570
Ion Ratio Lower Upper
146 100
111 42.6 23.9 71.8
148 64.6 31.4 94.0

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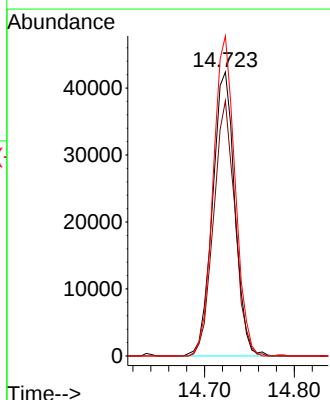
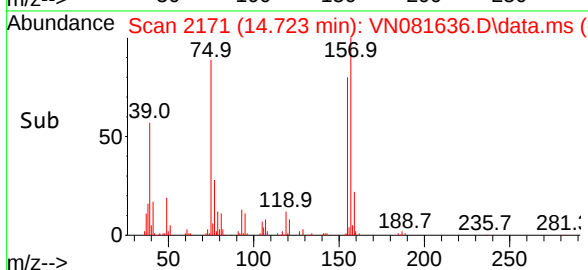
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

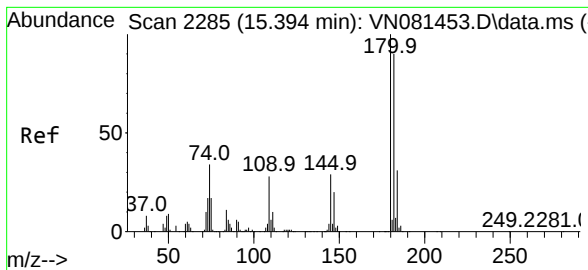


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.658 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38



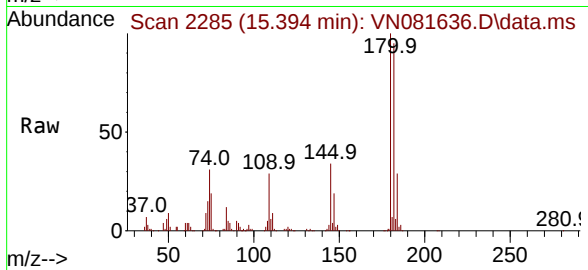
Tgt Ion: 75 Resp: 72836
Ion Ratio Lower Upper
75 100
155 86.4 31.8 95.4
157 110.7 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 50.459 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

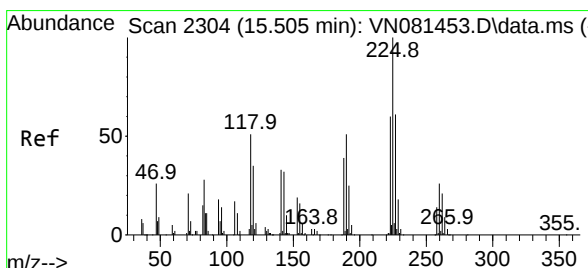
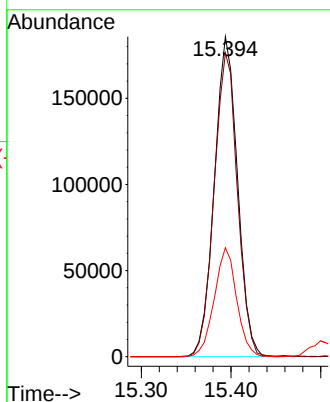
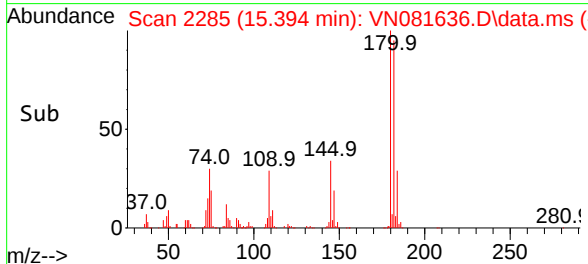
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 332210
Ion Ratio Lower Upper
180 100
182 95.7 46.6 139.7
145 32.9 16.8 50.3

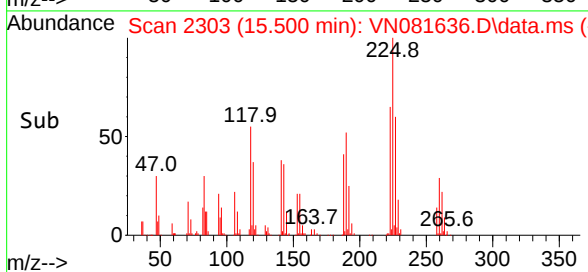
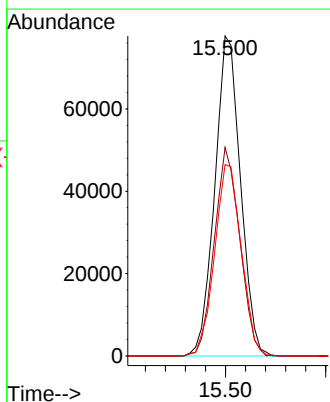
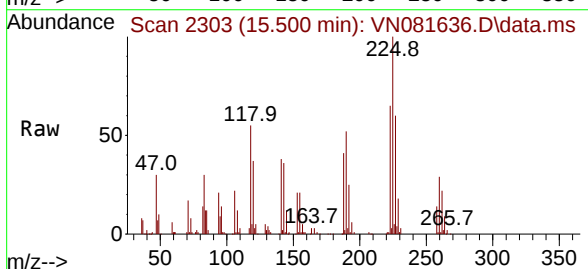
Manual Integrations
APPROVED

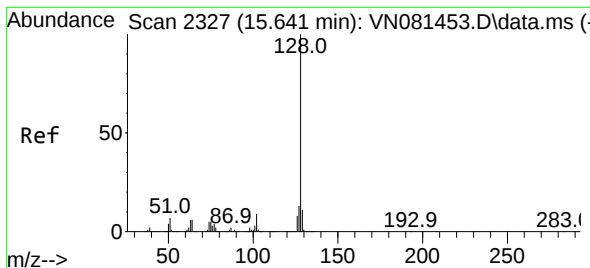
Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024



#94
Hexachlorobutadiene
Concen: 47.849 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN081636.D
Acq: 01 Apr 2024 09:38

Tgt Ion:225 Resp: 138222
Ion Ratio Lower Upper
225 100
223 64.4 33.3 99.8
227 62.2 33.1 99.2





#95

Naphthalene

Concen: 51.049 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081636.D

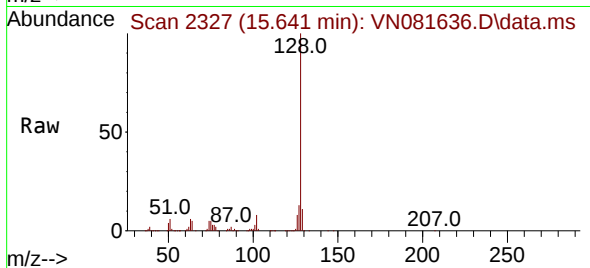
Acq: 01 Apr 2024 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:128 Resp: 108906

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

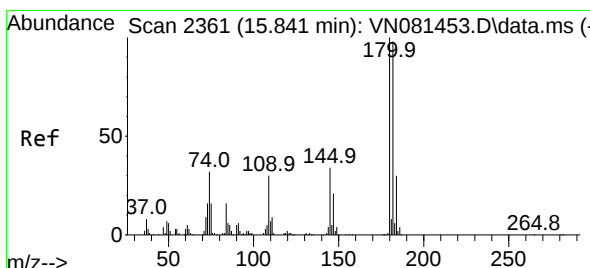
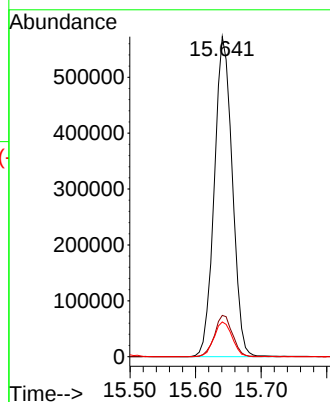
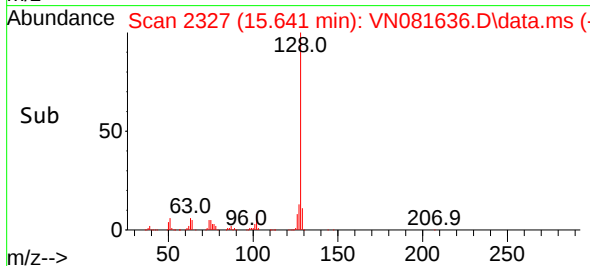
129 11.0 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2024

Supervised By :Mahesh Dadoda 04/02/2024



#96

1,2,3-Trichlorobenzene

Concen: 52.293 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081636.D

Acq: 01 Apr 2024 09:38

Tgt Ion:180 Resp: 346302

Ion Ratio Lower Upper

180 100

182 92.6 46.5 139.3

145 32.5 17.8 53.4

