

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
 Data File : VN076653.D
 Acq On : 14 Feb 2023 11:26
 Operator : JC\MD
 Sample : VN0214MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0214MBL01

Quant Time: Feb 14 15:16:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

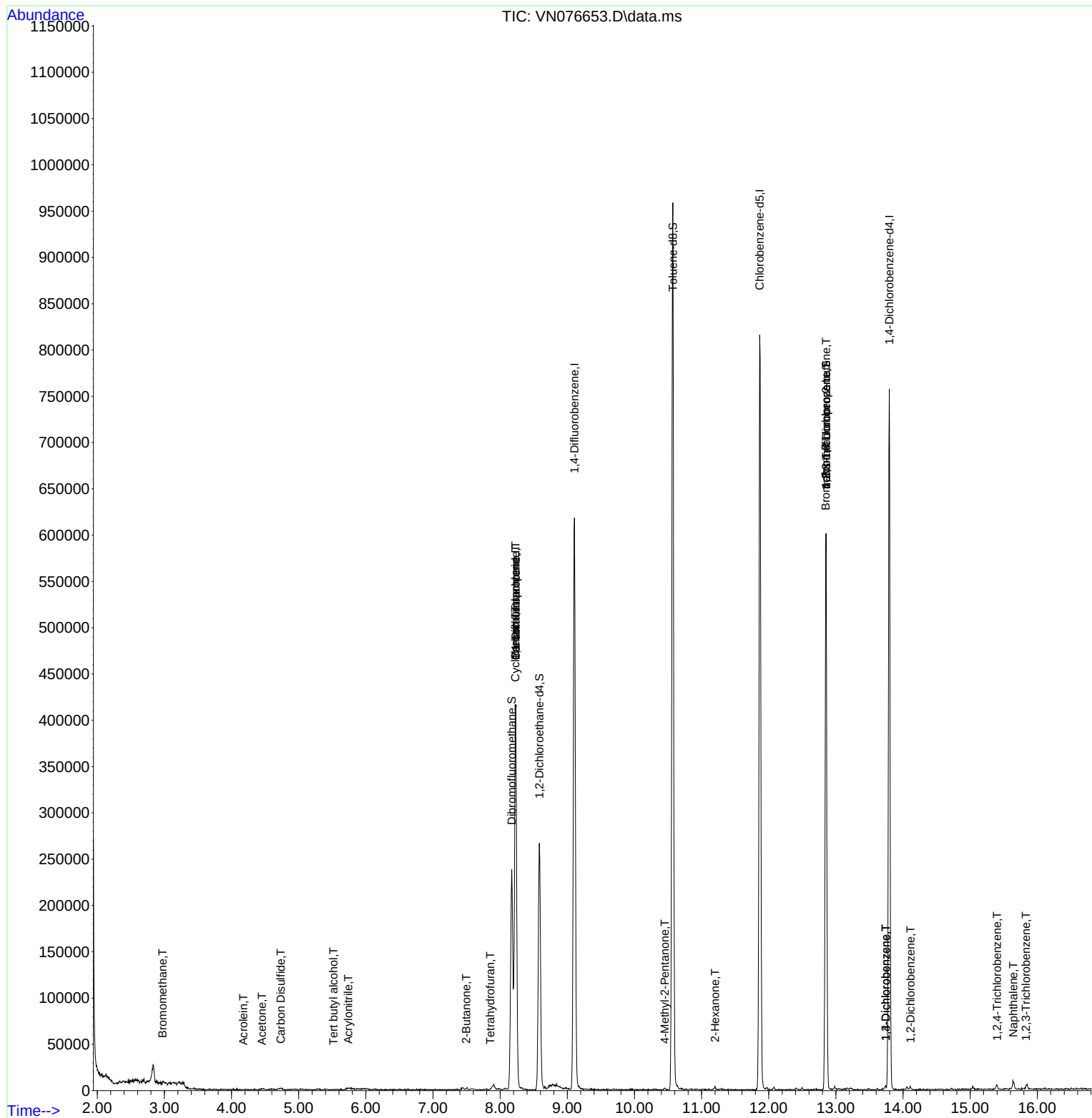
Internal Standards						
1) Pentafluorobenzene	8.231	168	292496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	529577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	473594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	195085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	209155	51.785	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.560%			
35) Dibromofluoromethane	8.172	113	165120	47.611	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.220%			
50) Toluene-d8	10.572	98	643107	49.654	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.300%			
62) 4-Bromofluorobenzene	12.854	95	196121	45.719	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.440%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.972	94	1005	0.416	ug/l	86
11) Tert butyl alcohol	5.519	59	120	0.225	ug/l #	71
13) Acrolein	4.178	56	412	0.515	ug/l #	57
15) Acrylonitrile	5.737	53	880	0.465	ug/l #	29
16) Acetone	4.454	43	1390	0.770	ug/l #	42
17) Carbon Disulfide	4.731	76	2564	0.322	ug/l #	73
25) 2-Butanone	7.495	43	1240	0.466	ug/l #	51
29) Tetrahydrofuran	7.854	42	418	0.240	ug/l #	48
31) Cyclohexane	8.225	56	8671	1.369	ug/l #	1
36) 1,1-Dichloropropene	8.231	75	26097	5.208	ug/l #	48
38) Carbon Tetrachloride	8.231	117	31463	6.224	ug/l #	16
51) 4-Methyl-2-Pentanone	10.454	43	1149	0.211	ug/l #	66
59) 2-Hexanone	11.201	43	2226	0.566	ug/l	97
71) Bromoform	12.848	173	2208	0.826	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	107056	27.144	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	107056	79.057	ug/l #	4
87) 1,3-Dichlorobenzene	13.742	146	1585	0.235	ug/l	89
88) 1,4-Dichlorobenzene	13.742	146	1585	0.236	ug/l	87
91) 1,2-Dichlorobenzene	14.113	146	1500	0.217	ug/l	94
93) 1,2,4-Trichlorobenzene	15.401	180	1983	0.575	ug/l	91
95) Naphthalene	15.642	128	8544	0.816	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.830	180	2521	0.755	ug/l	79

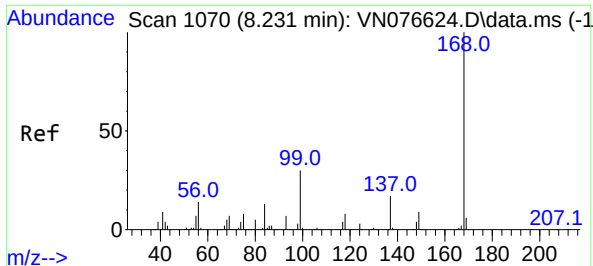
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
Data File : VN076653.D
Acq On : 14 Feb 2023 11:26
Operator : JC\MD
Sample : VN0214MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0214MBL01

Quant Time: Feb 14 15:16:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration

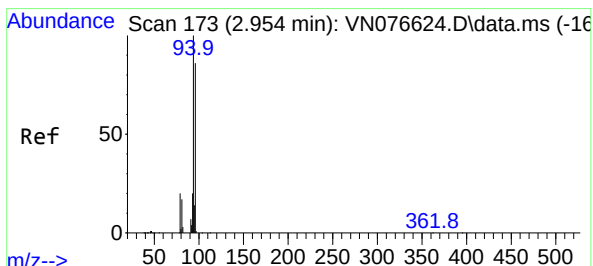
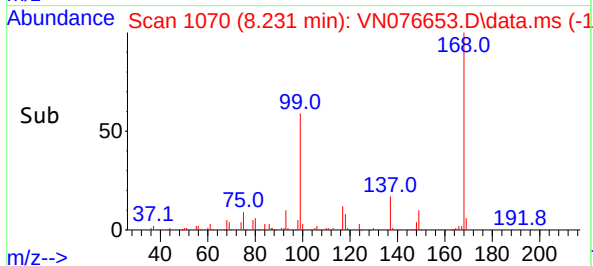
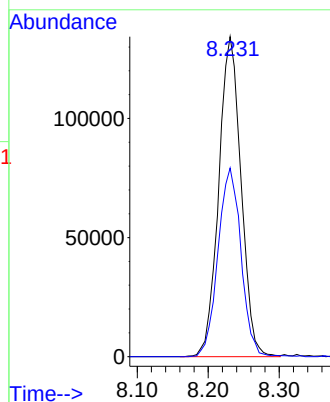
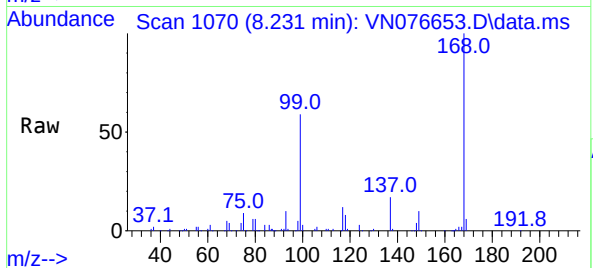




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076653.D
Acq: 14 Feb 2023 11:26

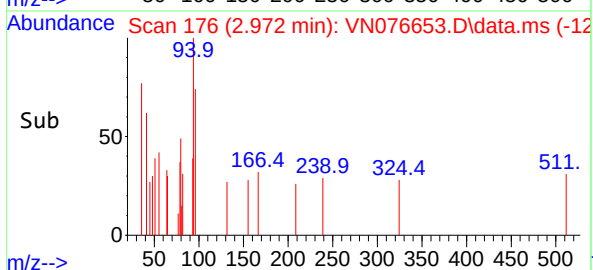
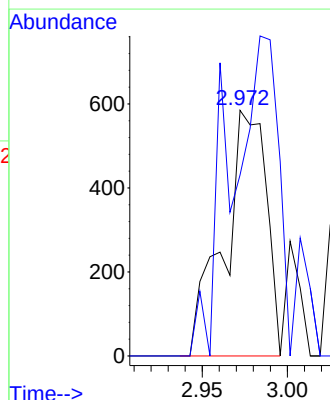
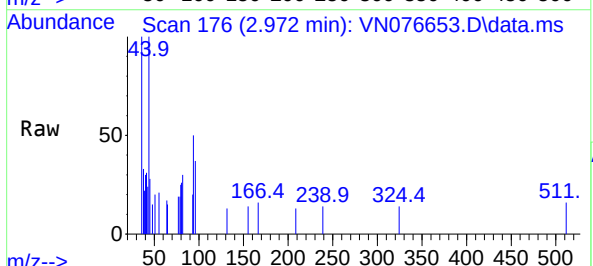
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBL01

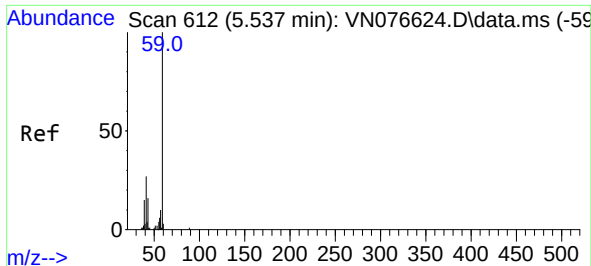
Tgt Ion:168 Resp: 292496
Ion Ratio Lower Upper
168 100
99 59.0 44.8 67.2



#5
Bromomethane
Concen: 0.416 ug/l
RT: 2.972 min Scan# 176
Delta R.T. 0.018 min
Lab File: VN076653.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 94 Resp: 1005
Ion Ratio Lower Upper
94 100
96 73.7 69.0 103.4

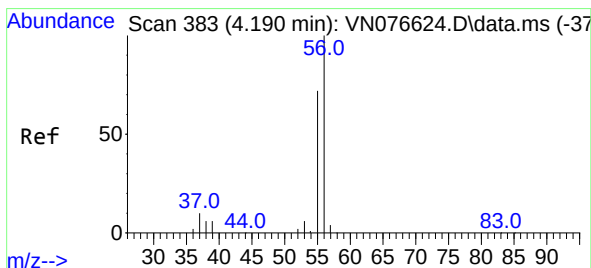
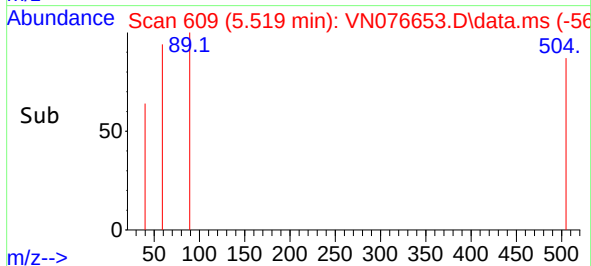
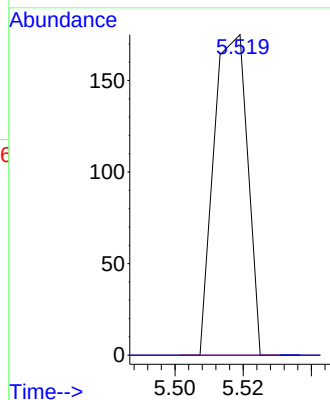
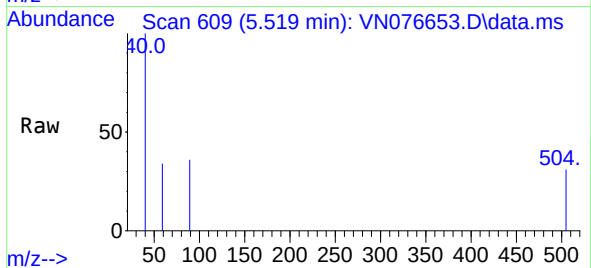




#11
Tert butyl alcohol
Concen: 0.225 ug/l
RT: 5.519 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN076653.D
Acq: 14 Feb 2023 11:26

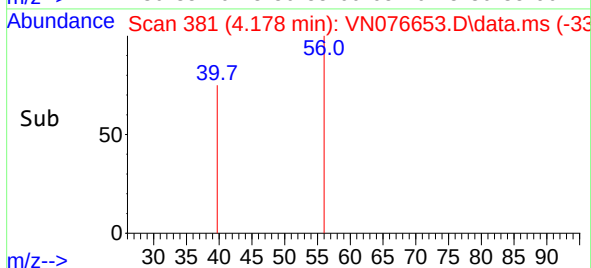
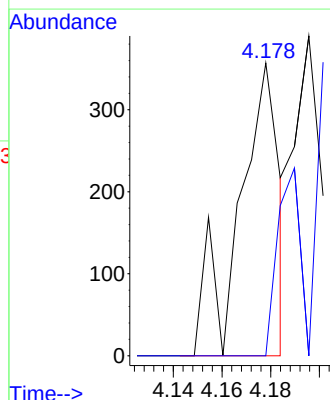
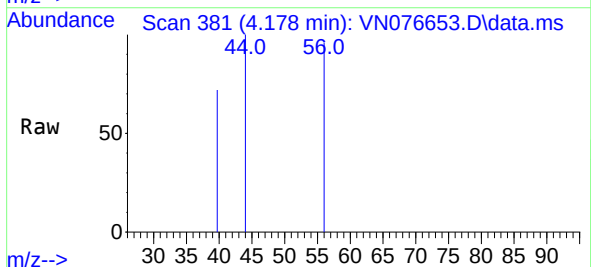
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBL01

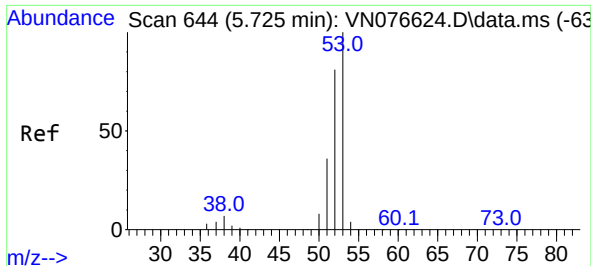
Tgt Ion: 59 Resp: 120
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 0.515 ug/l
RT: 4.178 min Scan# 381
Delta R.T. -0.012 min
Lab File: VN076653.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 56 Resp: 412
Ion Ratio Lower Upper
56 100
55 35.2 56.3 84.5#

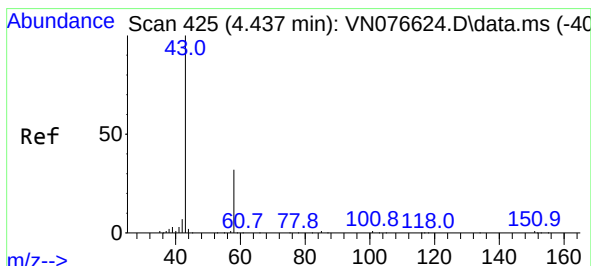
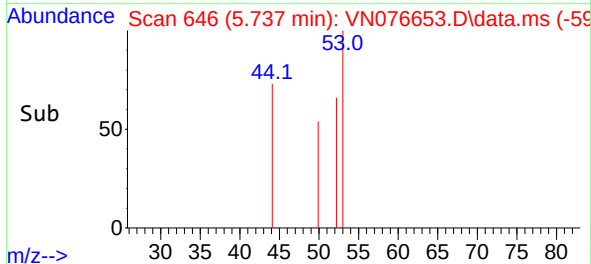
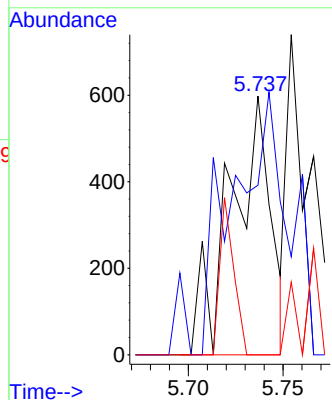
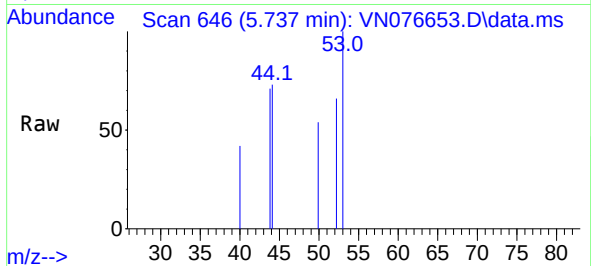




#15
Acrylonitrile
Concen: 0.465 ug/l
RT: 5.737 min Scan# 64
Delta R.T. 0.012 min
Lab File: VN076653.D
Acq: 14 Feb 2023 11:26

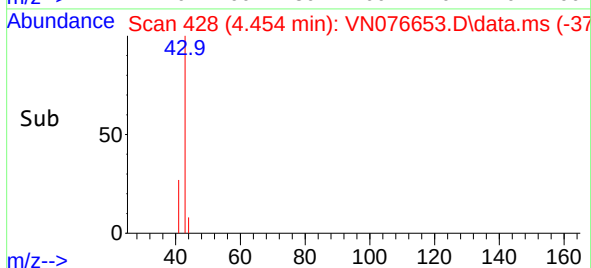
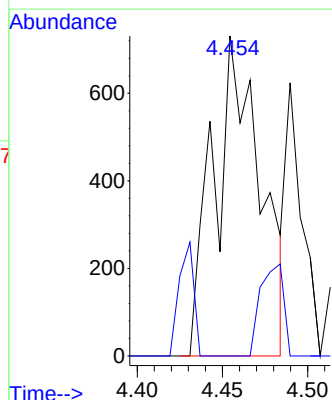
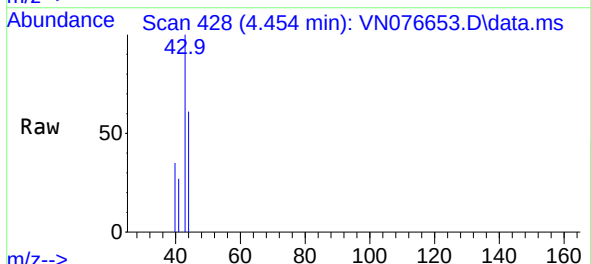
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBL01

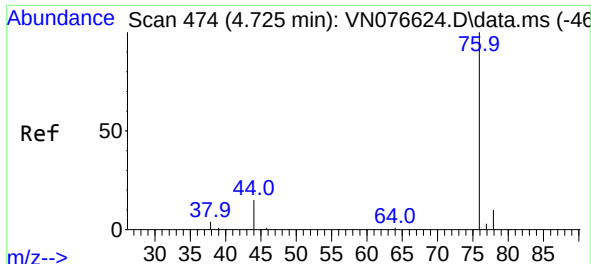
Tgt Ion: 53 Resp: 880
Ion Ratio Lower Upper
53 100
52 148.2 65.3 97.9#
51 0.0 29.2 43.8#



#16
Acetone
Concen: 0.770 ug/l
RT: 4.454 min Scan# 428
Delta R.T. 0.017 min
Lab File: VN076653.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 43 Resp: 1390
Ion Ratio Lower Upper
43 100
58 0.0 25.9 38.9#

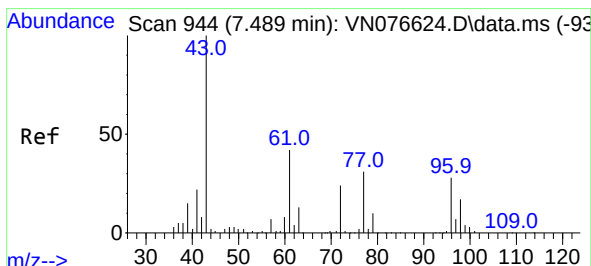
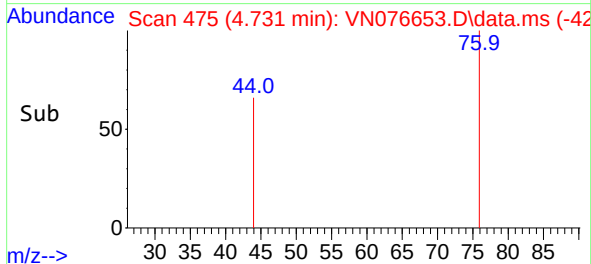
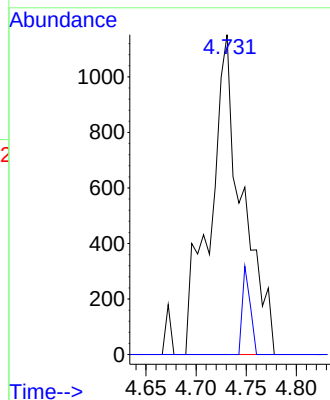
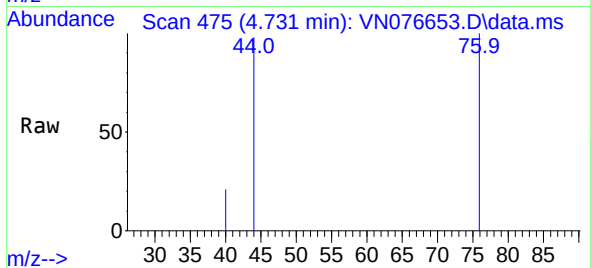




#17
Carbon Disulfide
Concen: 0.322 ug/l
RT: 4.731 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076653.D
Acq: 14 Feb 2023 11:26

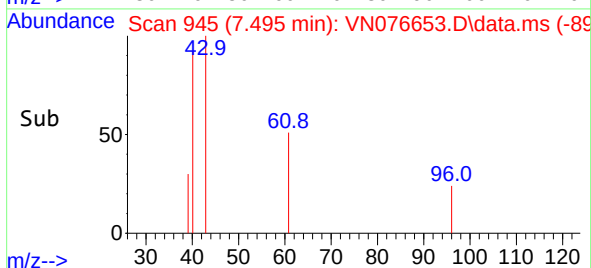
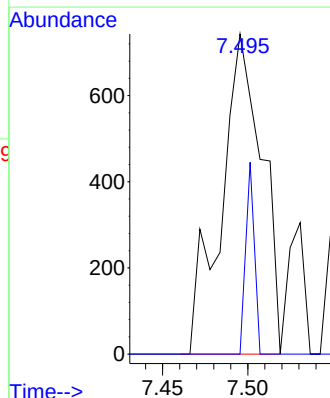
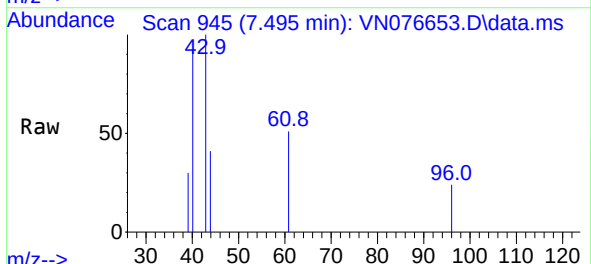
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBL01

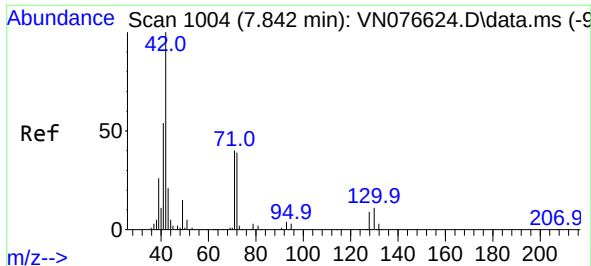
Tgt Ion: 76 Resp: 2564
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.8#



#25
2-Butanone
Concen: 0.466 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076653.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 43 Resp: 1240
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#





#29

Tetrahydrofuran

Concen: 0.240 ug/l

RT: 7.854 min Scan# 1069

Delta R.T. 0.012 min

Lab File: VN076653.D

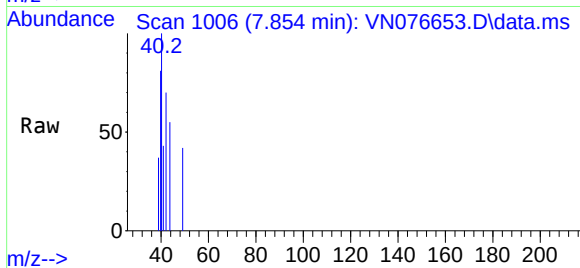
Acq: 14 Feb 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0214MBL01



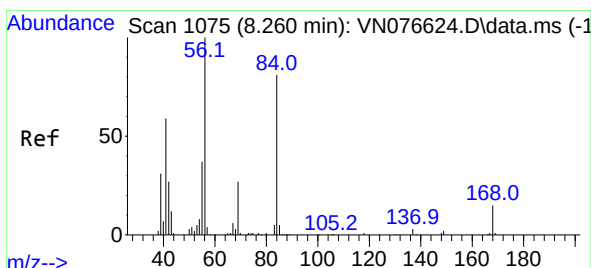
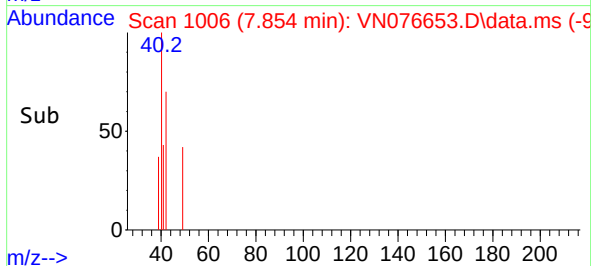
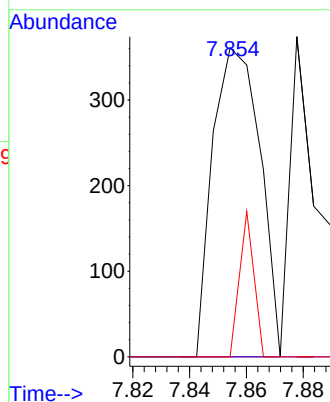
Tgt Ion: 42 Resp: 418

Ion Ratio Lower Upper

42 100

72 0.0 31.5 47.3#

71 14.4 29.8 44.8#



#31

Cyclohexane

Concen: 1.369 ug/l

RT: 8.225 min Scan# 1069

Delta R.T. -0.035 min

Lab File: VN076653.D

Acq: 14 Feb 2023 11:26

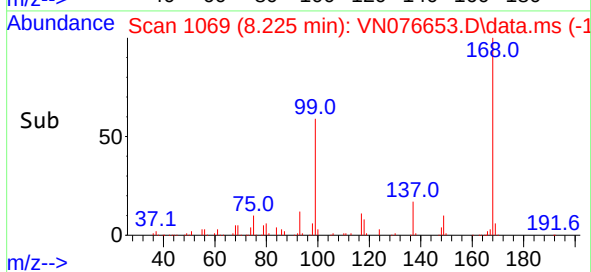
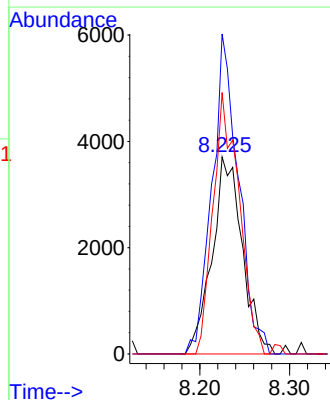
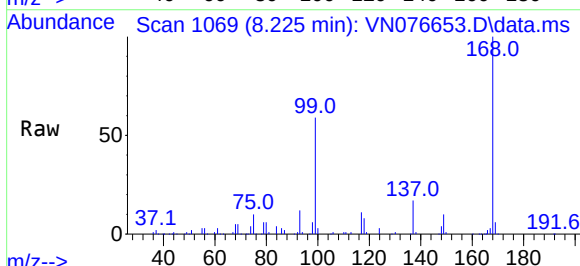
Tgt Ion: 56 Resp: 8671

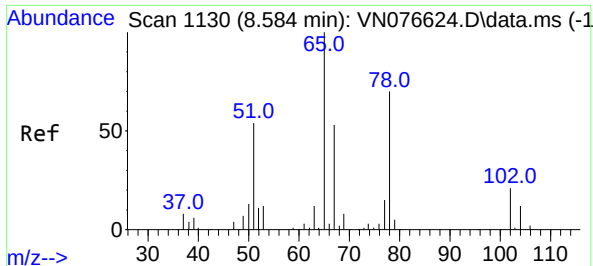
Ion Ratio Lower Upper

56 100

69 162.4 21.6 32.4#

84 132.7 65.1 97.7#

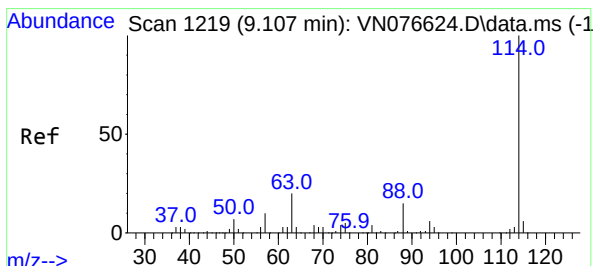
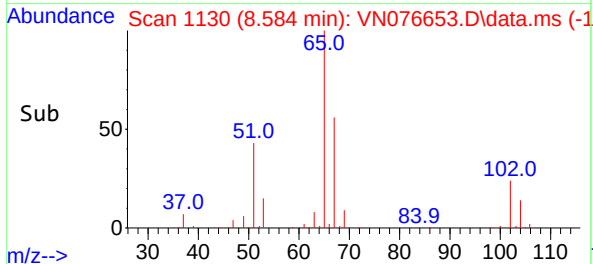
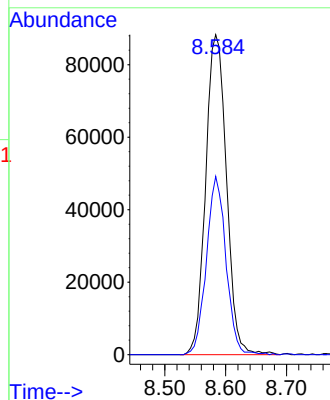
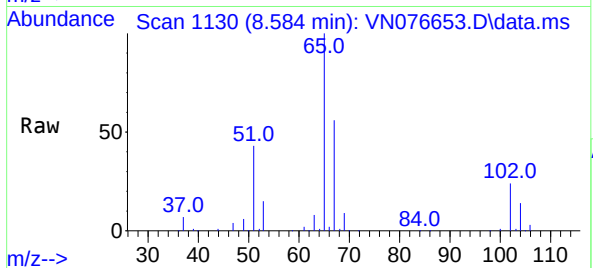




#33
1,2-Dichloroethane-d4
Concen: 51.785 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076653.D
Acq: 14 Feb 2023 11:26

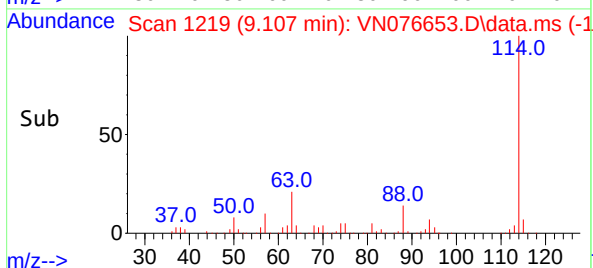
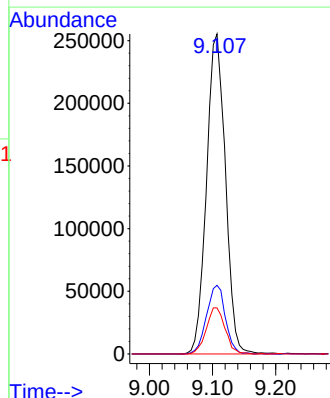
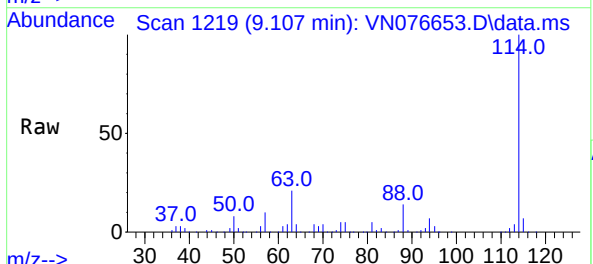
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBL01

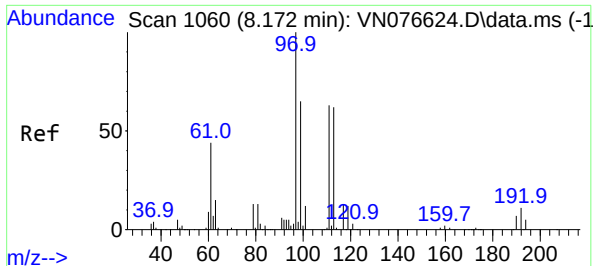
Tgt Ion: 65 Resp: 209155
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076653.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 114 Resp: 529577
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.0
88 14.4 0.0 29.6

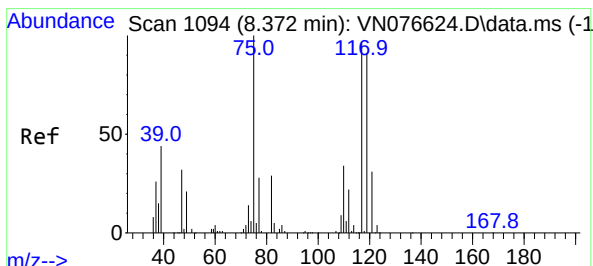
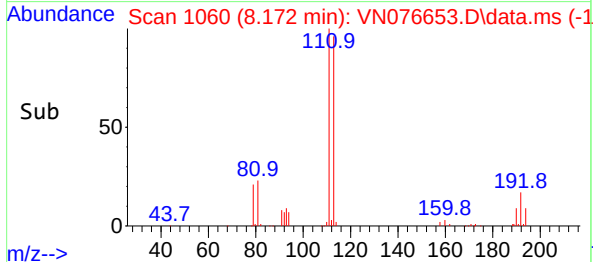
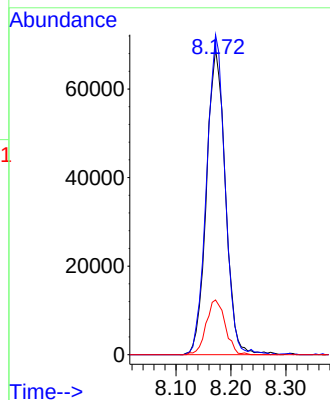
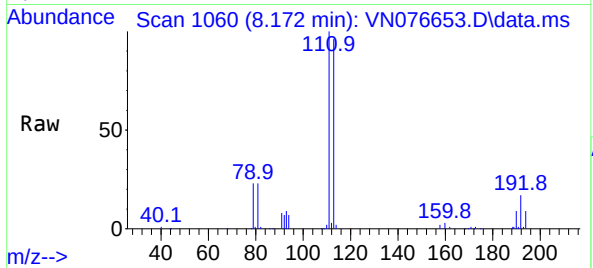




#35
Dibromofluoromethane
Concen: 47.611 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN076653.D
Acq: 14 Feb 2023 11:26

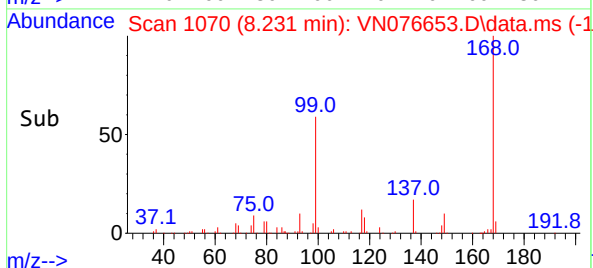
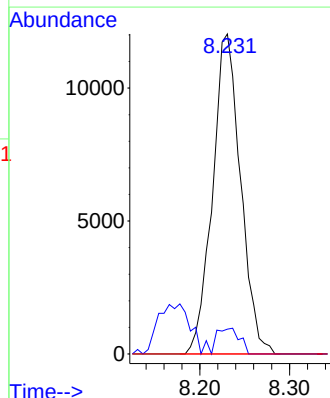
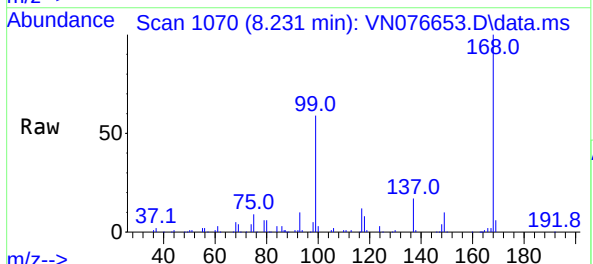
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBL01

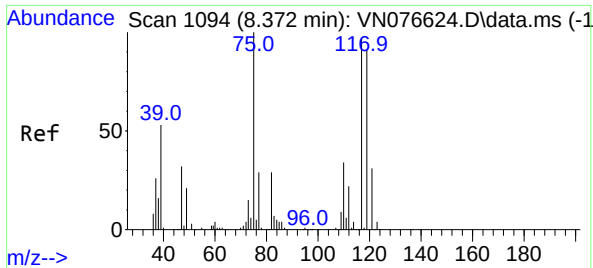
Tgt Ion:113 Resp: 165120
Ion Ratio Lower Upper
113 100
111 102.5 83.1 124.7
192 18.0 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.208 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.141 min
Lab File: VN076653.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 75 Resp: 26097
Ion Ratio Lower Upper
75 100
110 6.5 17.5 52.5#
77 0.0 24.5 36.7#

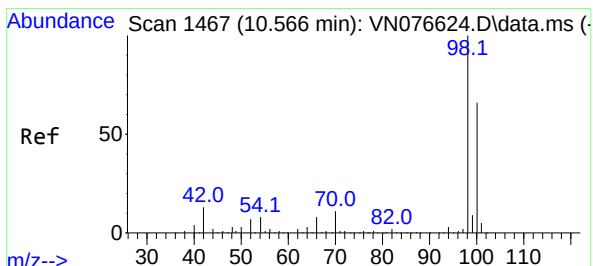
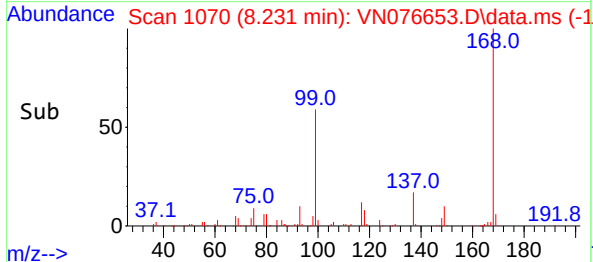
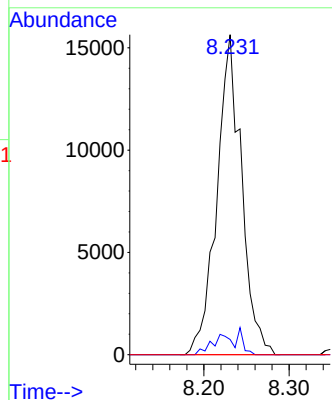
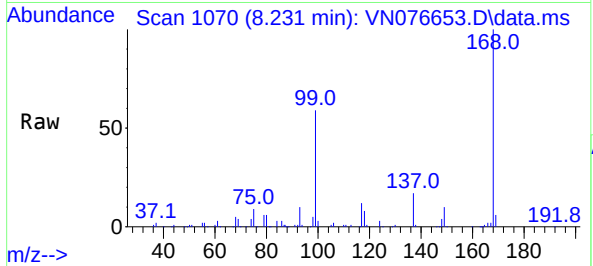




#38
Carbon Tetrachloride
Concen: 6.224 ug/l
RT: 8.231 min Scan# 1094
Delta R.T. -0.141 min
Lab File: VN076653.D
Acq: 14 Feb 2023 11:26

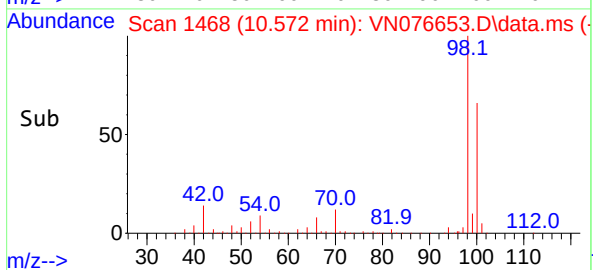
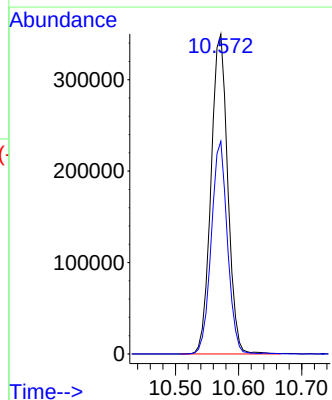
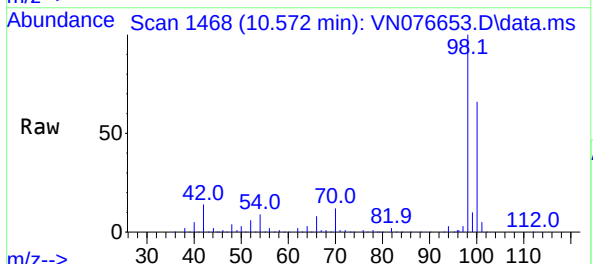
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBL01

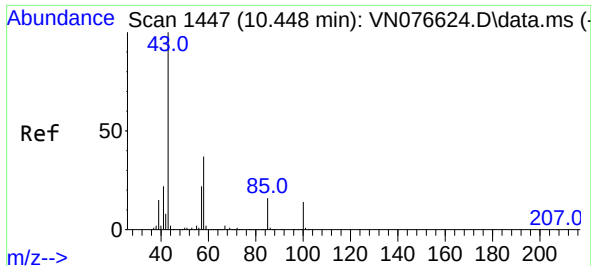
Tgt Ion:117 Resp: 31463
Ion Ratio Lower Upper
117 100
119 4.7 75.4 113.0#
121 0.0 26.0 39.0#



#50
Toluene-d8
Concen: 49.654 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076653.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 98 Resp: 643107
Ion Ratio Lower Upper
98 100
100 64.2 52.9 79.3

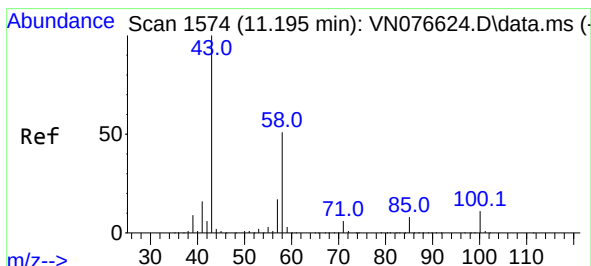
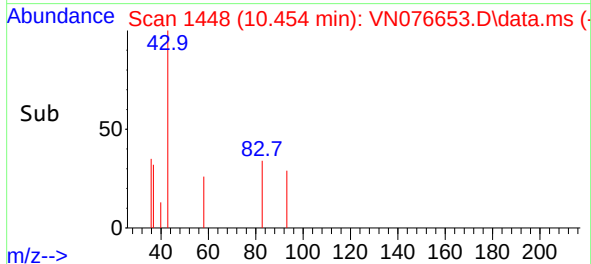
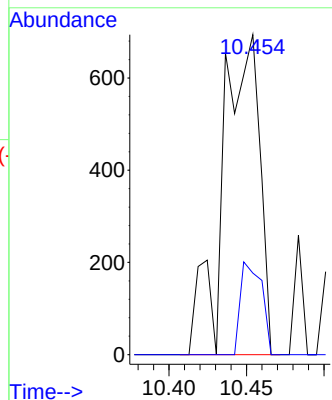
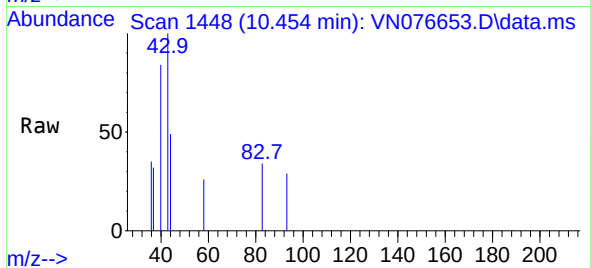




#51
4-Methyl-2-Pentanone
Concen: 0.211 ug/l
RT: 10.454 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN076653.D
Acq: 14 Feb 2023 11:26

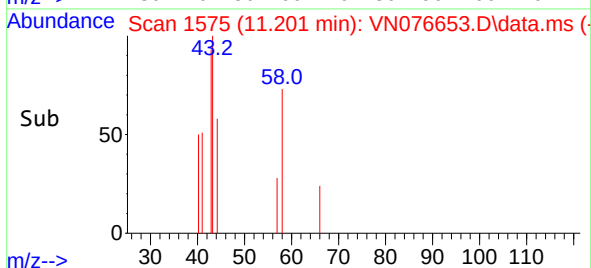
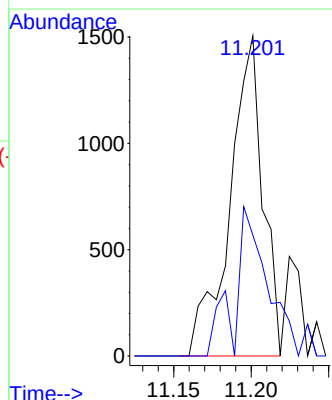
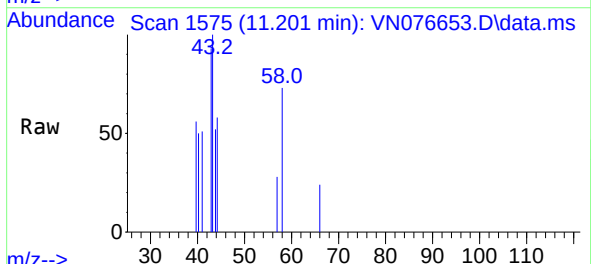
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBL01

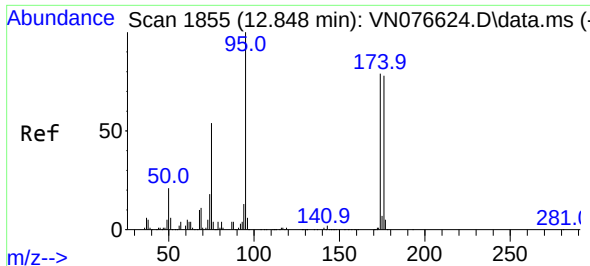
Tgt Ion: 43 Resp: 1149
Ion Ratio Lower Upper
43 100
58 16.5 29.5 44.3#



#59
2-Hexanone
Concen: 0.566 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN076653.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 43 Resp: 2226
Ion Ratio Lower Upper
43 100
58 48.5 25.4 76.0

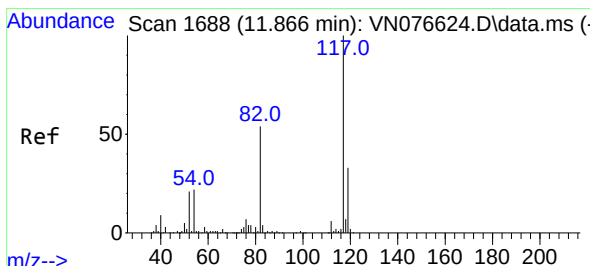
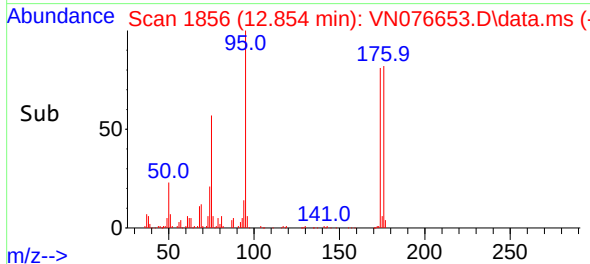
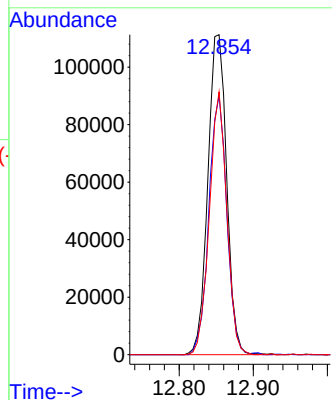
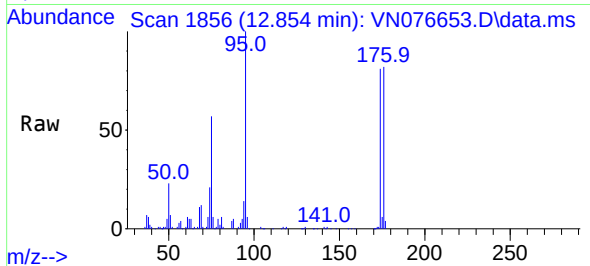




#62
4-Bromofluorobenzene
Concen: 45.719 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN076653.D
Acq: 14 Feb 2023 11:26

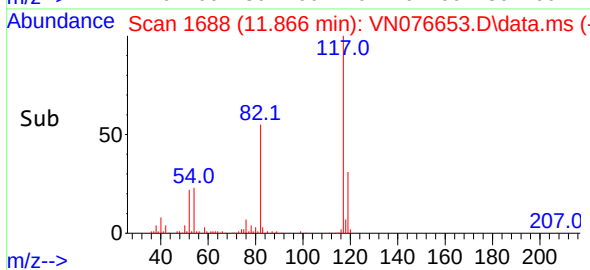
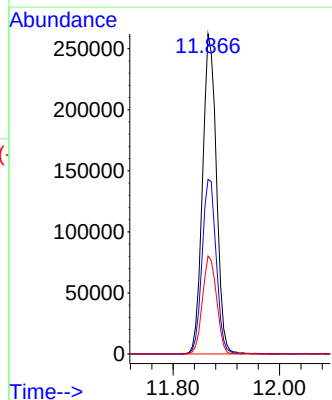
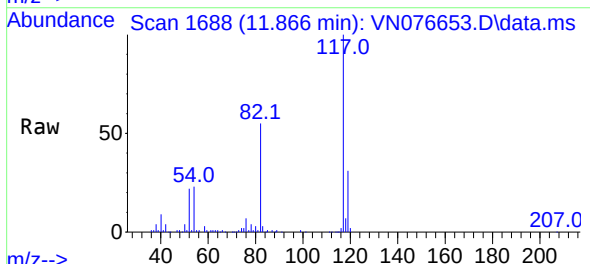
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBL01

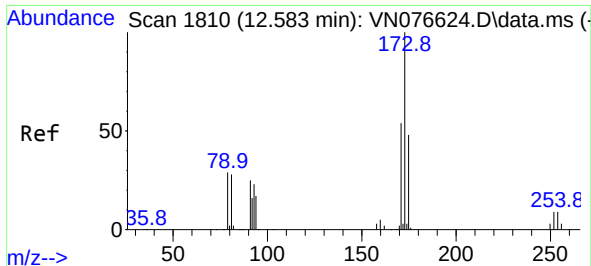
Tgt Ion: 95 Resp: 196121
Ion Ratio Lower Upper
95 100
174 77.4 0.0 169.2
176 76.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN076653.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 117 Resp: 473594
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.2
119 30.6 26.1 39.1

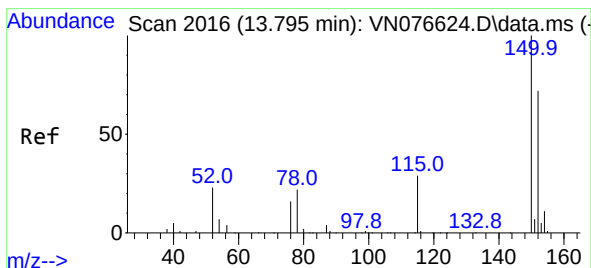
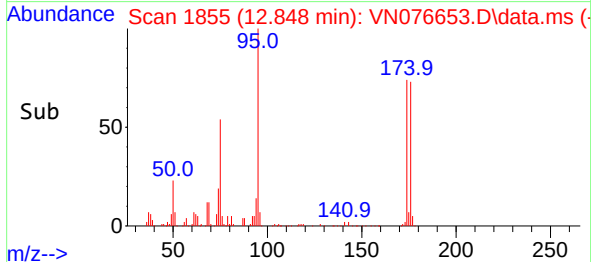
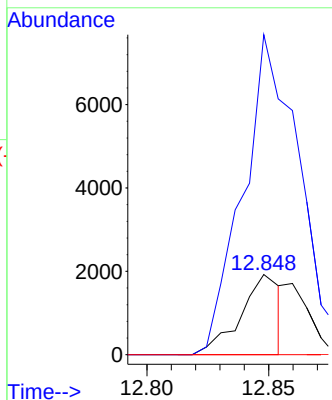
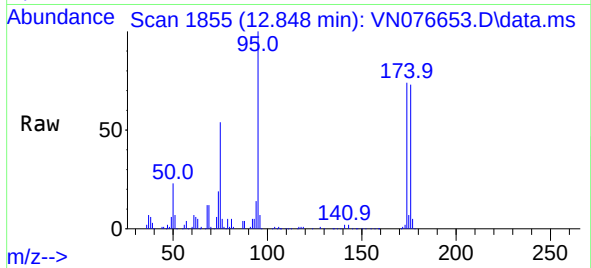




#71
Bromoform
Concen: 0.826 ug/l
RT: 12.848 min Scan# 1810
Delta R.T. 0.265 min
Lab File: VN076653.D
Acq: 14 Feb 2023 11:26

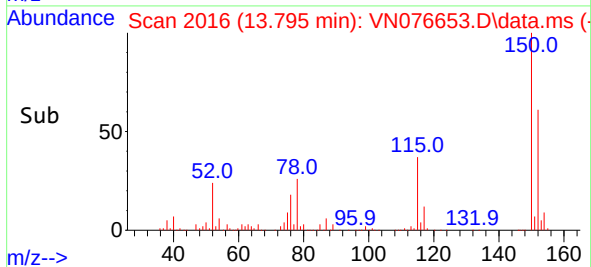
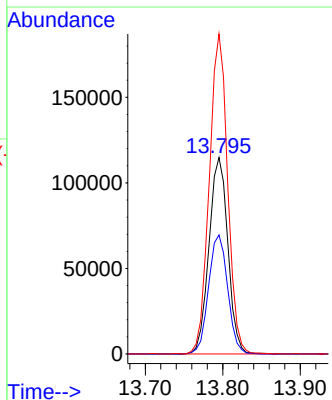
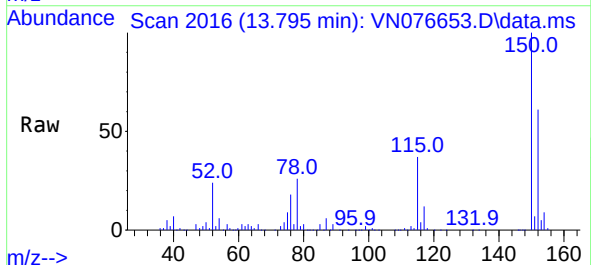
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBL01

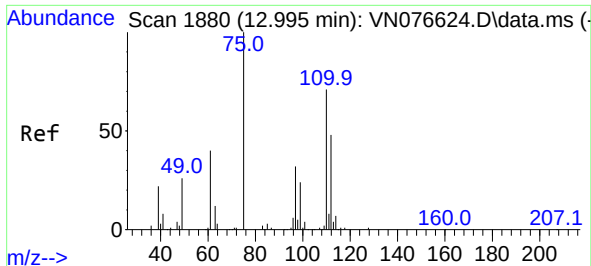
Tgt Ion:173 Resp: 2208
Ion Ratio Lower Upper
173 100
175 466.3 24.9 74.7#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN076653.D
Acq: 14 Feb 2023 11:26

Tgt Ion:152 Resp: 195085
Ion Ratio Lower Upper
152 100
115 61.3 29.3 87.9
150 158.3 0.0 349.8

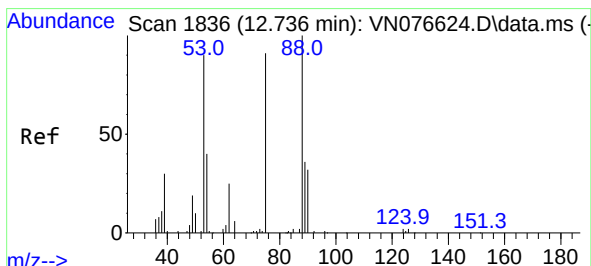
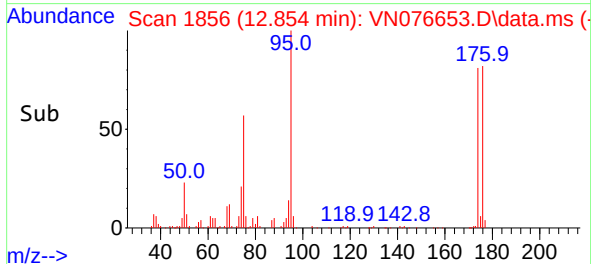
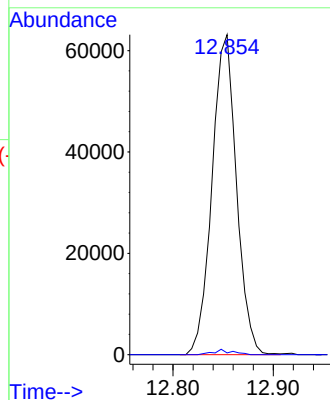
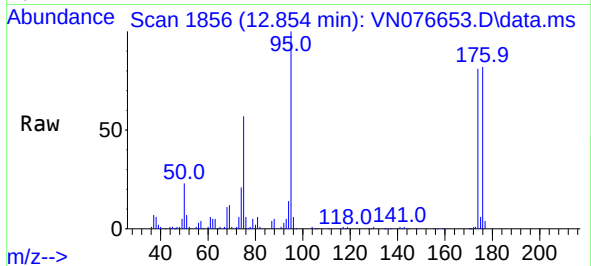




#76
1,2,3-Trichloropropane
Concen: 27.144 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN076653.D
Acq: 14 Feb 2023 11:26

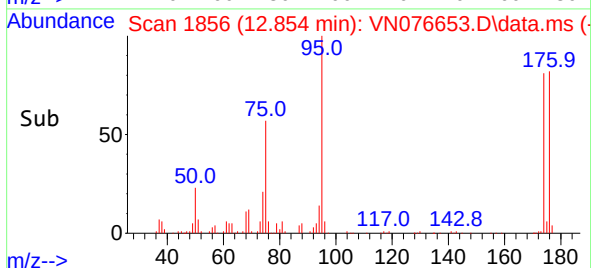
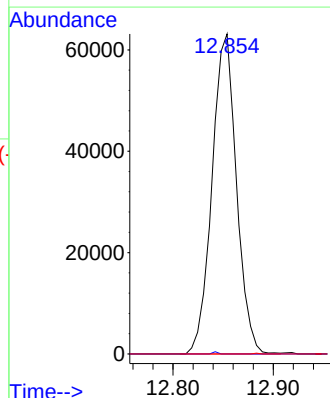
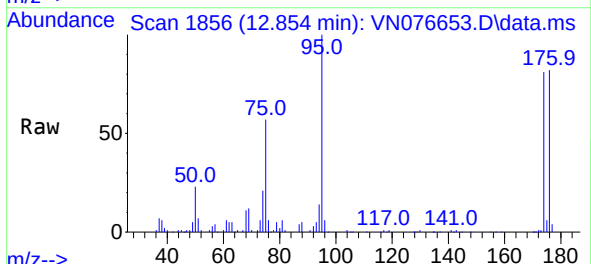
Instrument :
MSVOA_N
ClientSampleId :
VN0214MBL01

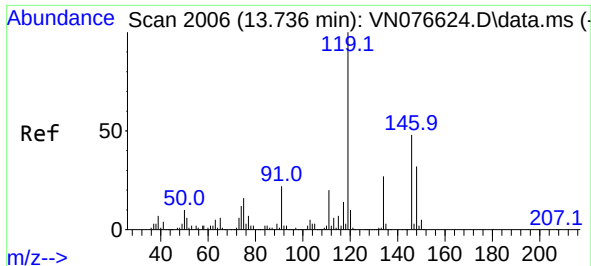
Tgt Ion: 75 Resp: 107056
Ion Ratio Lower Upper
75 100
77 1.2 93.1 279.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.057 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN076653.D
Acq: 14 Feb 2023 11:26

Tgt Ion: 75 Resp: 107056
Ion Ratio Lower Upper
75 100
53 0.1 92.1 138.1#
89 0.0 37.5 56.3#





#87

1,3-Dichlorobenzene

Concen: 0.235 ug/l

RT: 13.742 min Scan# 2007

Delta R.T. 0.006 min

Lab File: VN076653.D

Acq: 14 Feb 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0214MBL01

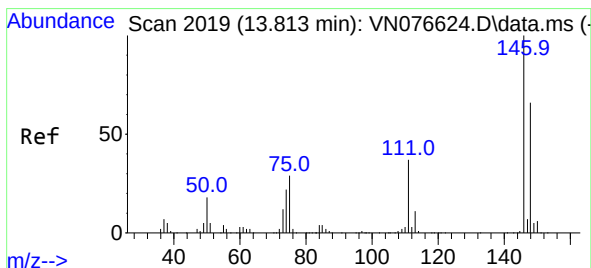
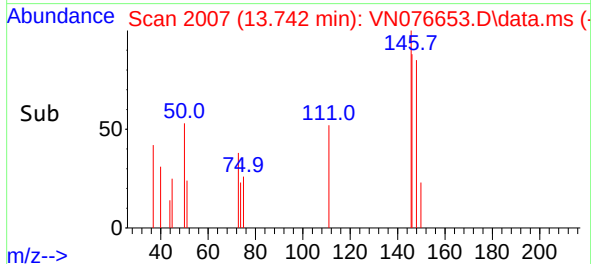
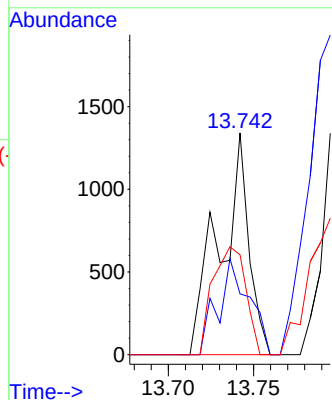
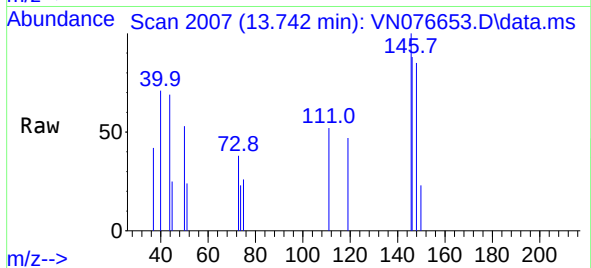
Tgt Ion:146 Resp: 1585

Ion Ratio Lower Upper

146 100

111 46.4 19.8 59.4

148 55.2 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 0.236 ug/l

RT: 13.742 min Scan# 2007

Delta R.T. -0.071 min

Lab File: VN076653.D

Acq: 14 Feb 2023 11:26

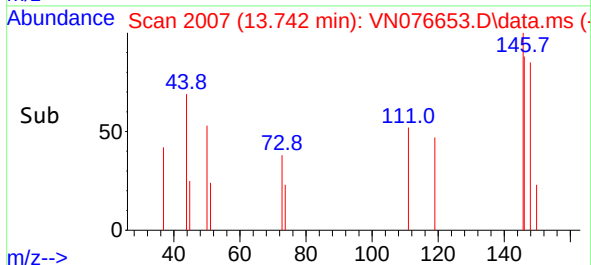
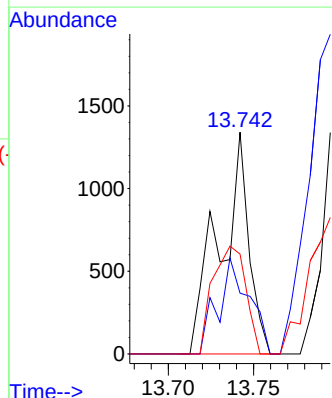
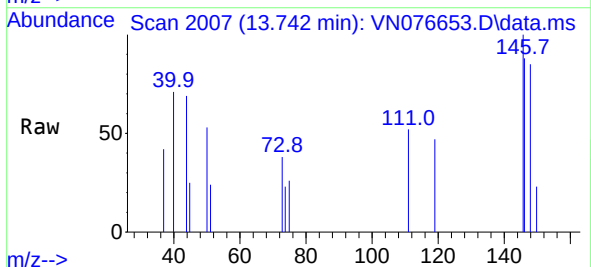
Tgt Ion:146 Resp: 1585

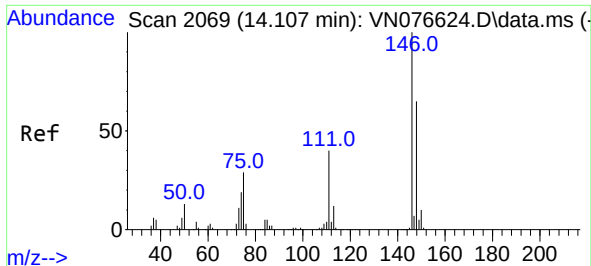
Ion Ratio Lower Upper

146 100

111 46.4 19.4 58.1

148 55.2 32.7 98.1





#91

1,2-Dichlorobenzene

Concen: 0.217 ug/l

RT: 14.113 min Scan# 2069

Delta R.T. 0.006 min

Lab File: VN076653.D

Acq: 14 Feb 2023 11:26

Instrument :

MSVOA_N

ClientSampleId :

VN0214MBL01

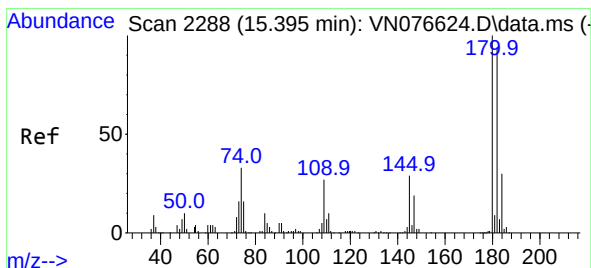
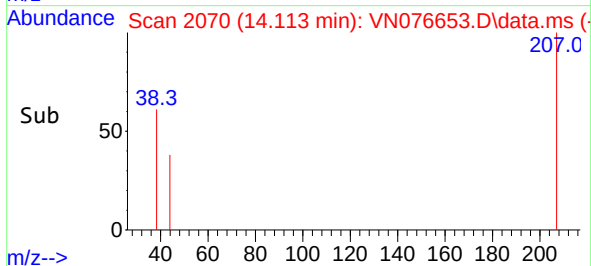
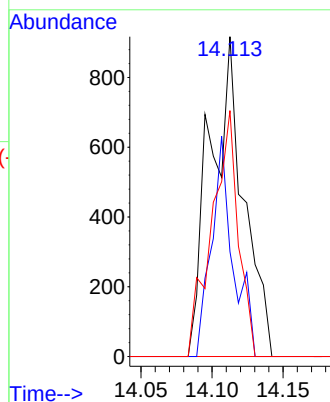
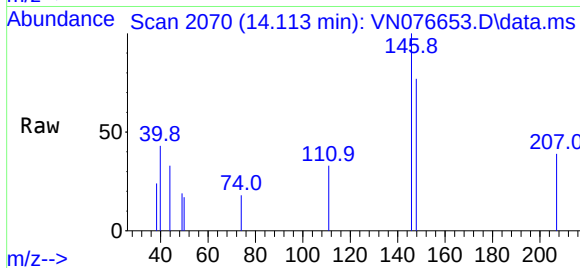
Tgt Ion:146 Resp: 1500

Ion Ratio Lower Upper

146 100

111 44.5 20.0 59.9

148 60.7 32.4 97.2



#93

1,2,4-Trichlorobenzene

Concen: 0.575 ug/l

RT: 15.401 min Scan# 2289

Delta R.T. 0.006 min

Lab File: VN076653.D

Acq: 14 Feb 2023 11:26

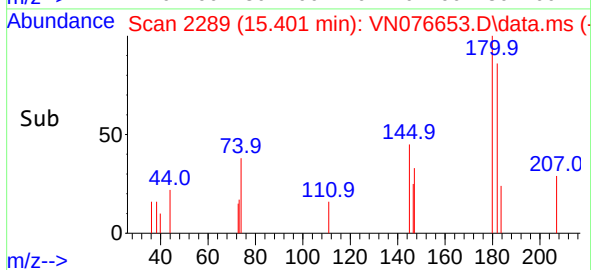
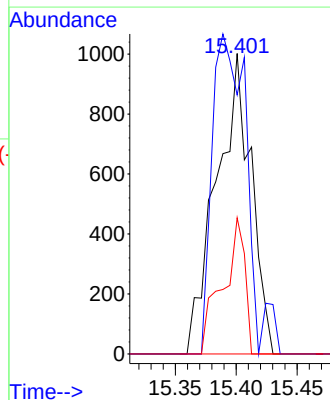
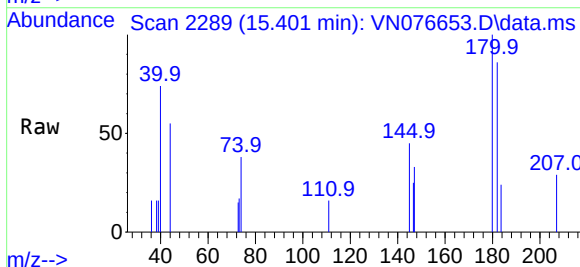
Tgt Ion:180 Resp: 1983

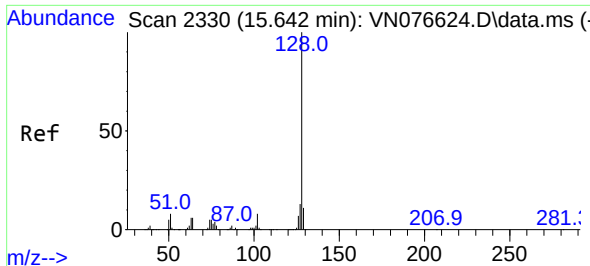
Ion Ratio Lower Upper

180 100

182 106.5 48.0 144.0

145 29.0 15.2 45.6

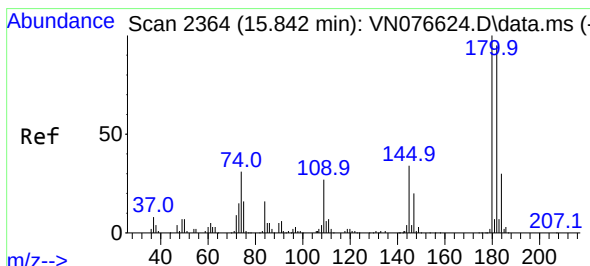
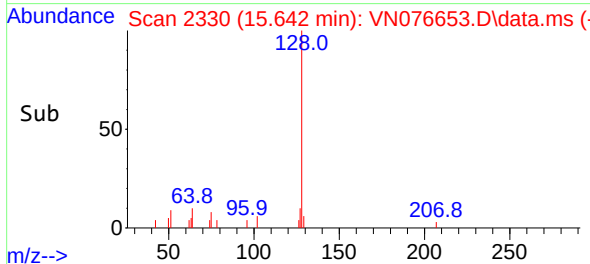
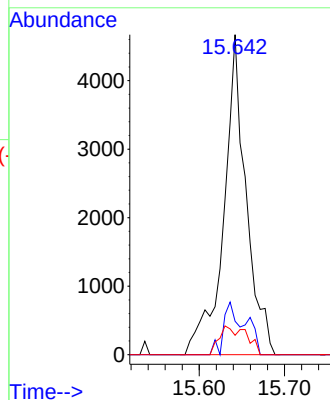
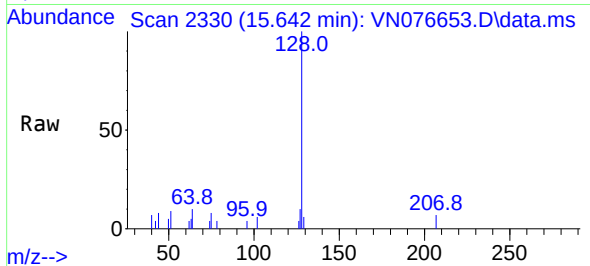




#95
Naphthalene
Concen: 0.816 ug/l
RT: 15.642 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN076653.D
Acq: 14 Feb 2023 11:26

Instrument :
MSVOA_N
ClientSampleId :
VN0214MBL01

Tgt Ion:128 Resp: 8544
Ion Ratio Lower Upper
128 100
127 10.2 10.6 16.0#
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.755 ug/l
RT: 15.830 min Scan# 2362
Delta R.T. -0.012 min
Lab File: VN076653.D
Acq: 14 Feb 2023 11:26

Tgt Ion:180 Resp: 2521
Ion Ratio Lower Upper
180 100
182 70.0 46.7 140.1
145 25.1 16.0 47.9

