

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011023\
 Data File : VN076192.D
 Acq On : 10 Jan 2023 19:12
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 11 01:10:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

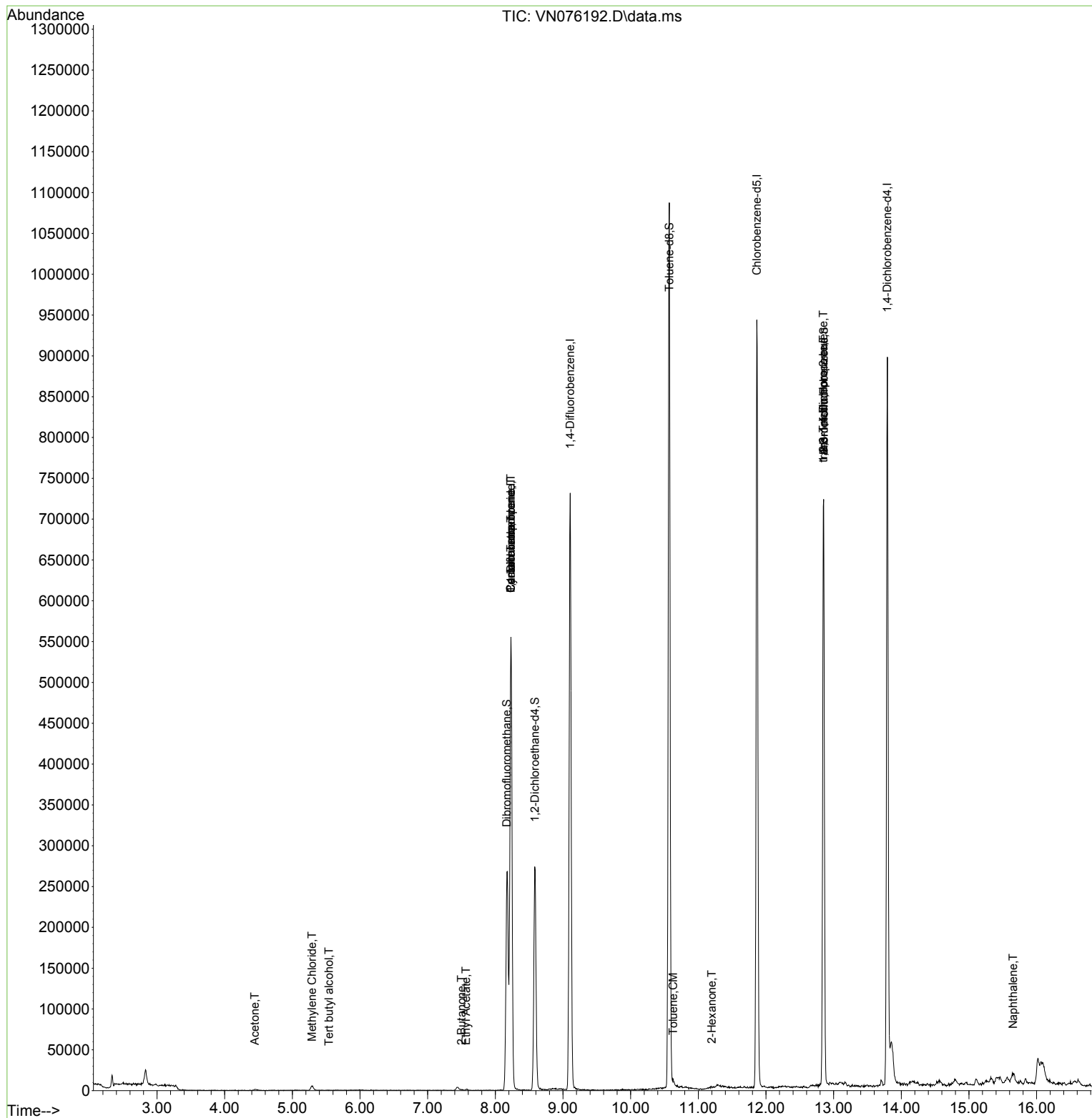
Internal Standards						
1) Pentafluorobenzene	8.230	168	432081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	675969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	587242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	247122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	221628	47.148	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.300%		
35) Dibromofluoromethane	8.171	113	196186	46.865	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.740%		
50) Toluene-d8	10.571	98	786780	50.268	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.540%		
62) 4-Bromofluorobenzene	12.853	95	244322	47.130	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.260%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.542	59	175	0.263	ug/l #	72
16) Acetone	4.447	43	1435	0.886	ug/l #	66
20) Methylene Chloride	5.289	84	4338	0.365	ug/l	95
25) 2-Butanone	7.500	43	1473	0.649	ug/l	91
31) Cyclohexane	8.230	56	9305	1.382	ug/l #	25
36) 1,1-Dichloropropene	8.230	75	30685	5.518	ug/l #	50
37) Ethyl Acetate	7.565	43	2476	0.554	ug/l #	68
38) Carbon Tetrachloride	8.230	117	43424	6.977	ug/l #	16
52) Toluene	10.629	92	2553	0.228	ug/l #	71
59) 2-Hexanone	11.200	43	1023	0.315	ug/l #	36
71) Bromoform	12.853	173	2022	0.622	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	125741	25.242	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	125741	90.859	ug/l #	12
95) Naphthalene	15.653	128	1704	2.299	ug/l #	75

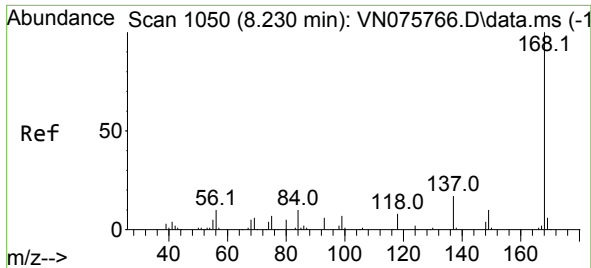
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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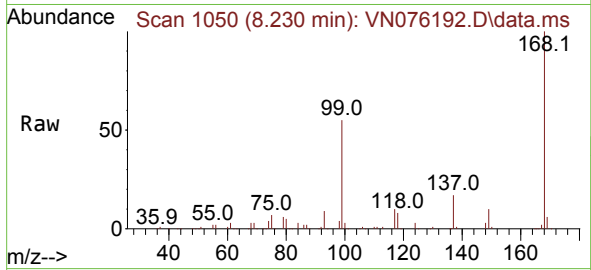
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
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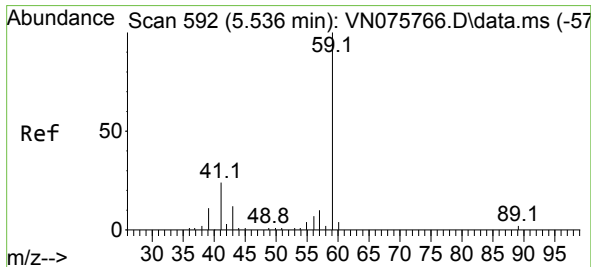
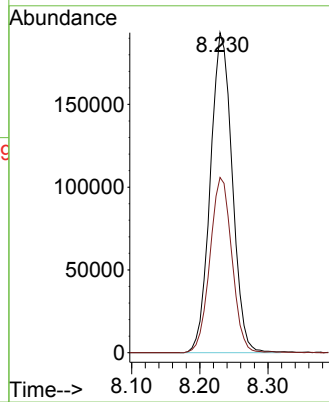
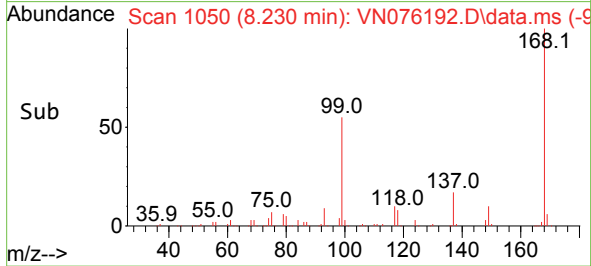


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076192.D
Acq: 10 Jan 2023 19:12

Instrument :
MSVOA_N
ClientSampleId :

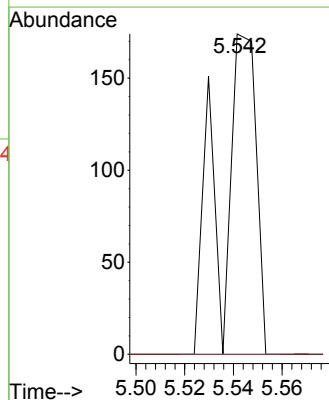
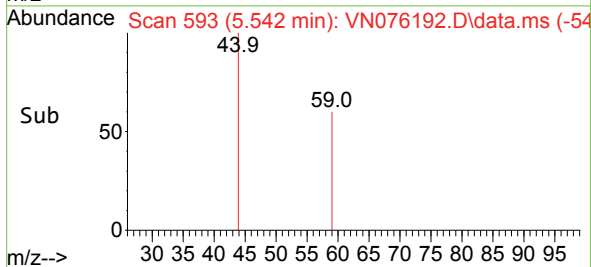
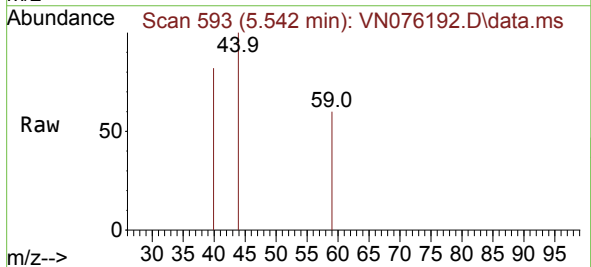


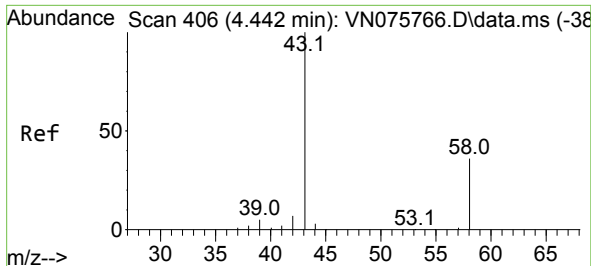
Tgt Ion:168 Resp: 432081
Ion Ratio Lower Upper
168 100
99 54.7 44.2 66.4



#11
Tert butyl alcohol
Concen: 0.263 ug/l
RT: 5.542 min Scan# 593
Delta R.T. 0.006 min
Lab File: VN076192.D
Acq: 10 Jan 2023 19:12

Tgt Ion: 59 Resp: 175
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

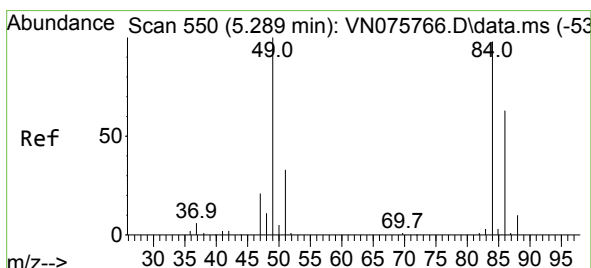
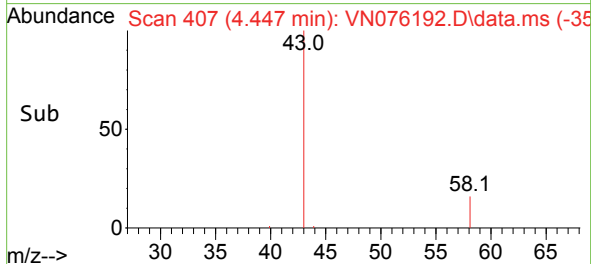
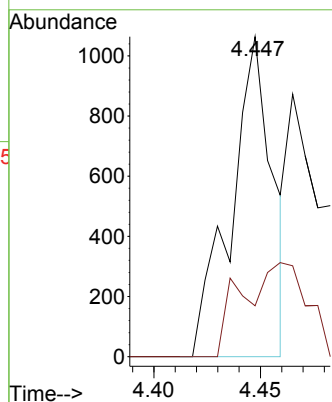
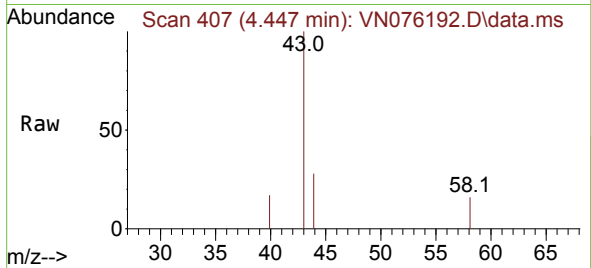




#16
Acetone
Concen: 0.886 ug/l
RT: 4.447 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN076192.D
Acq: 10 Jan 2023 19:12

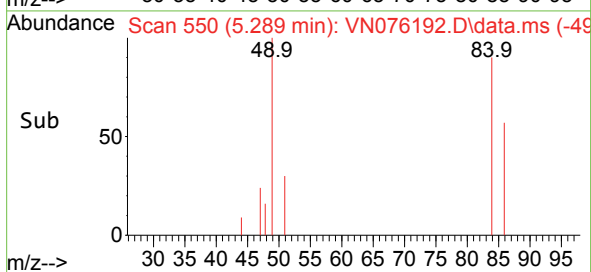
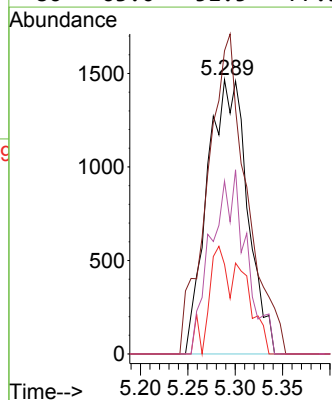
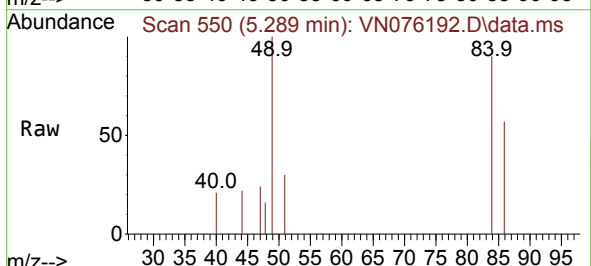
Instrument :
MSVOA_N
ClientSampleId :

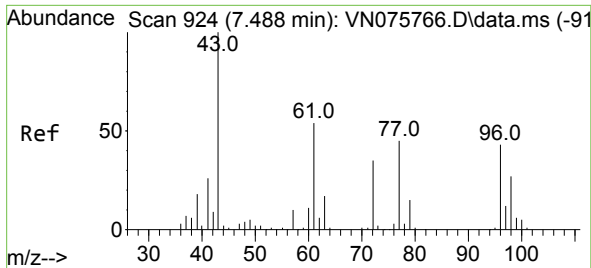
Tgt Ion: 43 Resp: 1435
Ion Ratio Lower Upper
43 100
58 15.9 28.6 43.0#



#20
Methylene Chloride
Concen: 0.365 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076192.D
Acq: 10 Jan 2023 19:12

Tgt Ion: 84 Resp: 4338
Ion Ratio Lower Upper
84 100
49 110.6 81.8 122.6
51 32.7 26.7 40.1
86 63.0 51.5 77.3

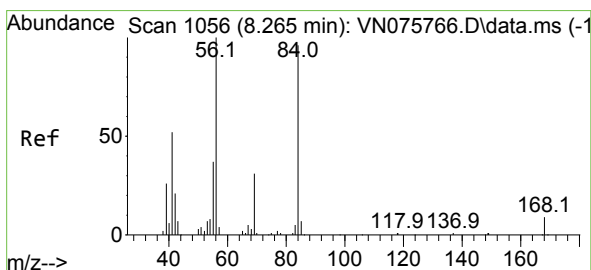
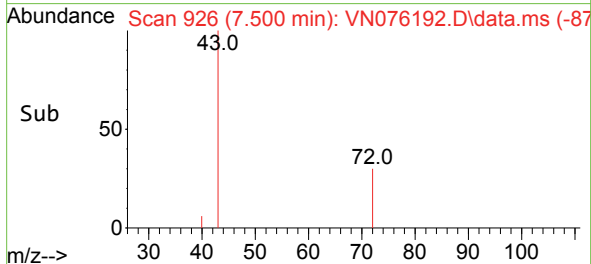
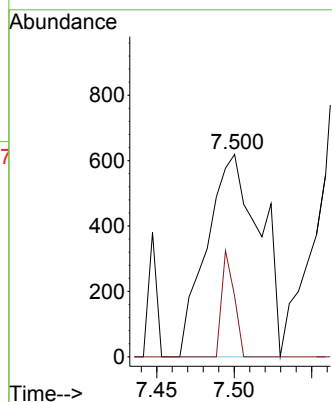
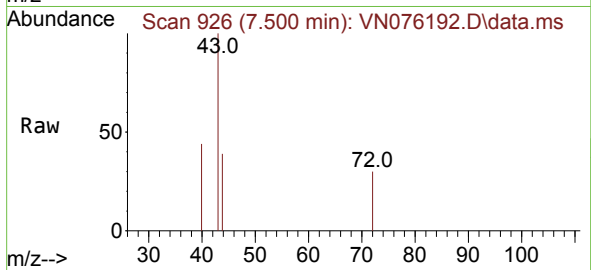




#25
2-Butanone
Concen: 0.649 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN076192.D
Acq: 10 Jan 2023 19:12

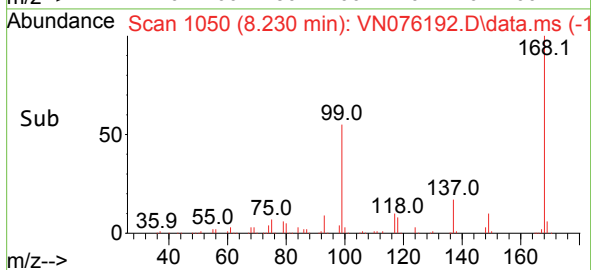
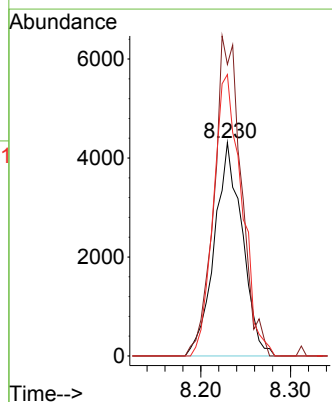
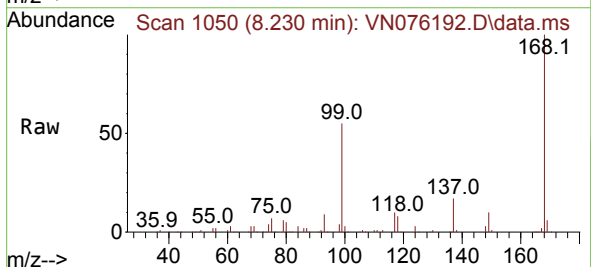
Instrument :
MSVOA_N
ClientSampleId :

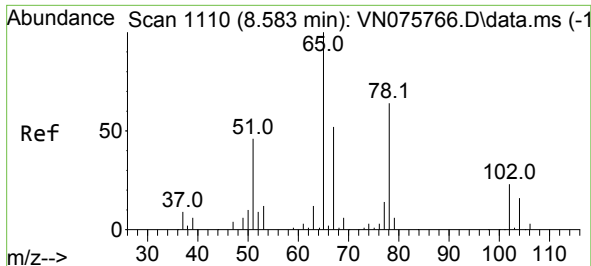
Tgt Ion: 43 Resp: 1473
Ion Ratio Lower Upper
43 100
72 30.0 28.0 42.0



#31
Cyclohexane
Concen: 1.382 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN076192.D
Acq: 10 Jan 2023 19:12

Tgt Ion: 56 Resp: 9305
Ion Ratio Lower Upper
56 100
69 136.6 24.7 37.1#
84 131.8 76.5 114.7#





#33

1,2-Dichloroethane-d4

Concen: 47.148 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076192.D

Acq: 10 Jan 2023 19:12

Instrument :

MSVOA_N

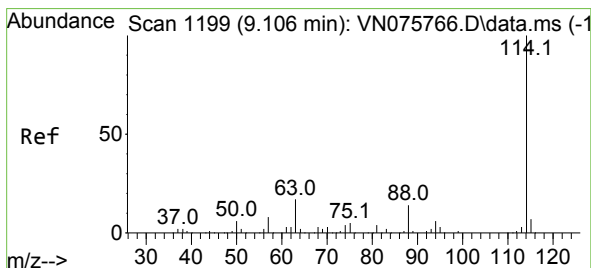
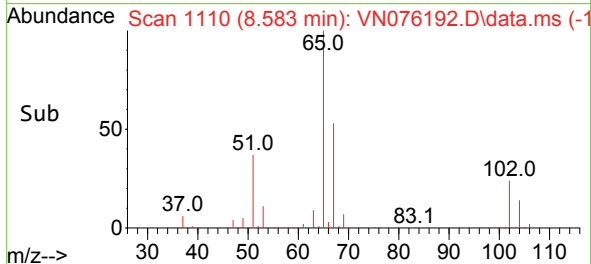
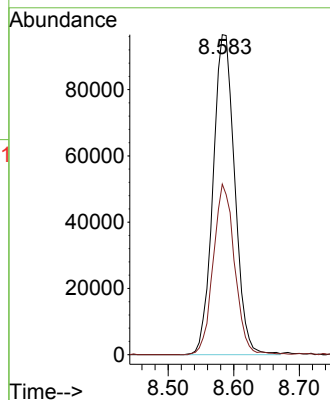
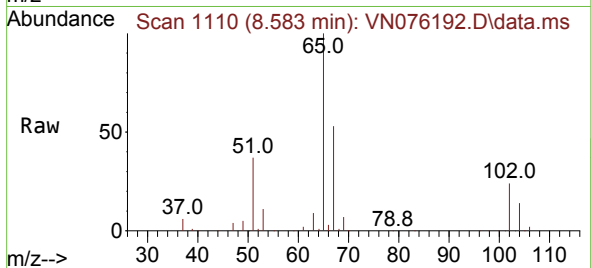
ClientSampleId :

Tgt Ion: 65 Resp: 221628

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076192.D

Acq: 10 Jan 2023 19:12

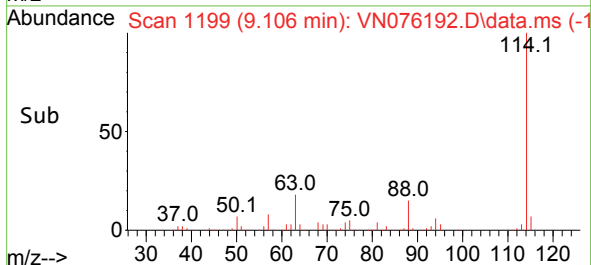
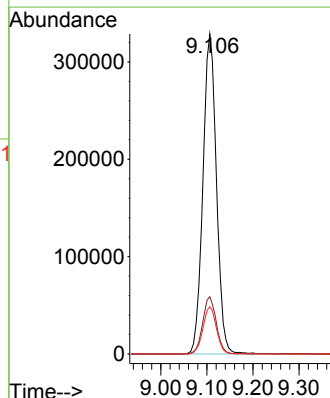
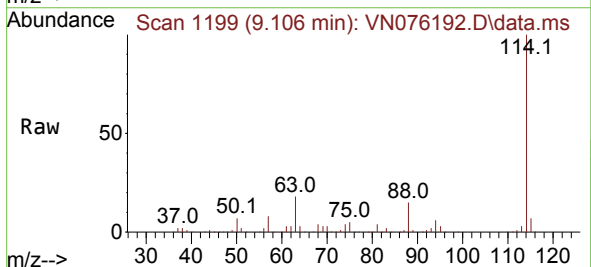
Tgt Ion:114 Resp: 675969

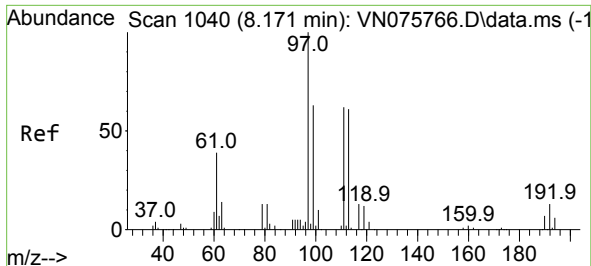
Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

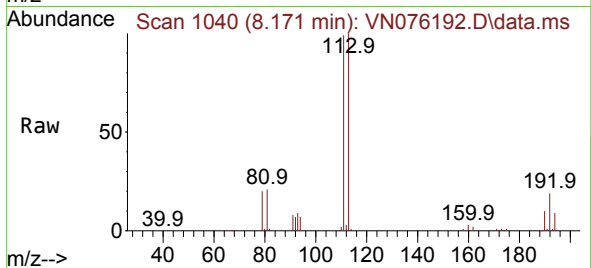
88 14.7 0.0 28.8



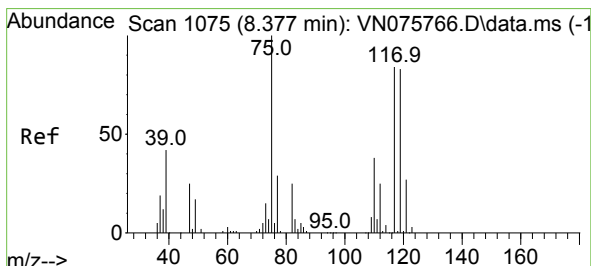
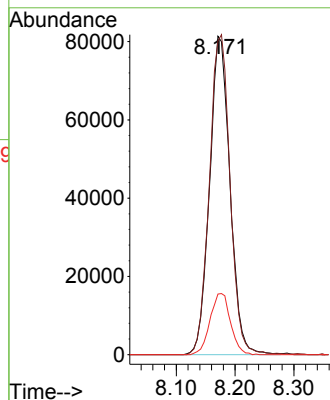
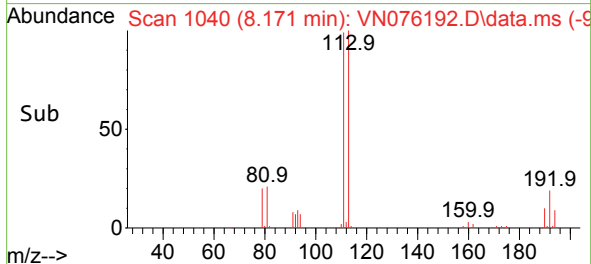


#35
Dibromofluoromethane
Concen: 46.865 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN076192.D
Acq: 10 Jan 2023 19:12

Instrument :
MSVOA_N
ClientSampleId :

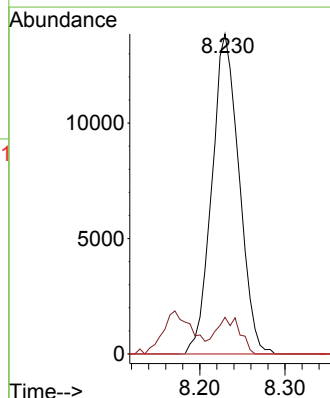
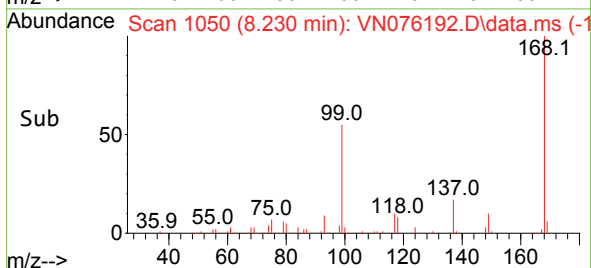
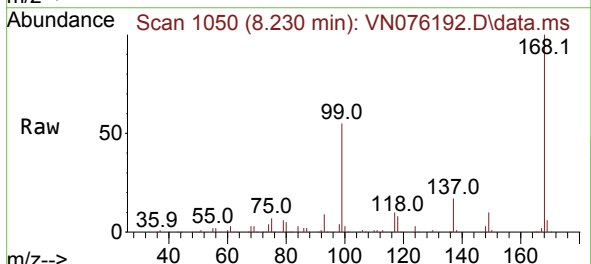


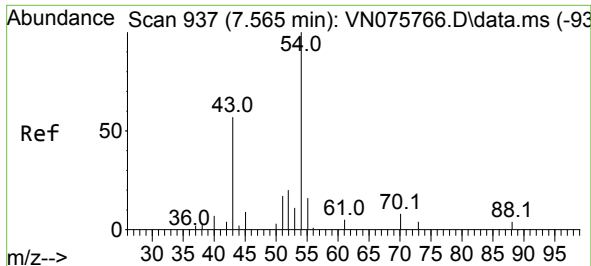
Tgt Ion:113 Resp: 196186
Ion Ratio Lower Upper
113 100
111 101.9 83.4 125.2
192 19.3 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.518 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN076192.D
Acq: 10 Jan 2023 19:12

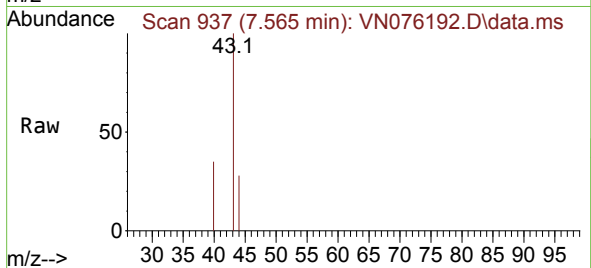
Tgt Ion: 75 Resp: 30685
Ion Ratio Lower Upper
75 100
110 10.4 18.8 56.4#
77 0.0 24.1 36.1#



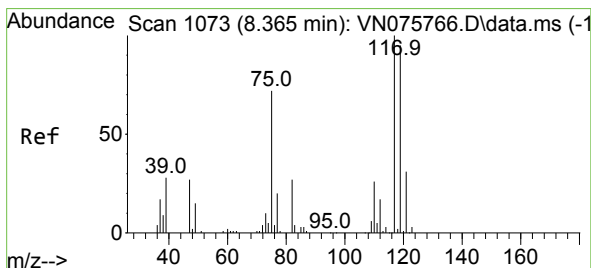
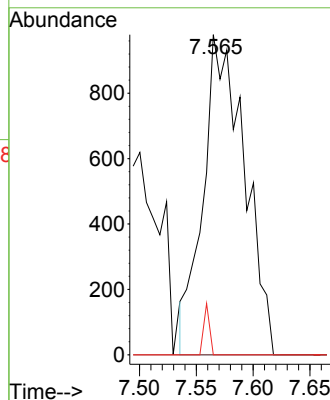
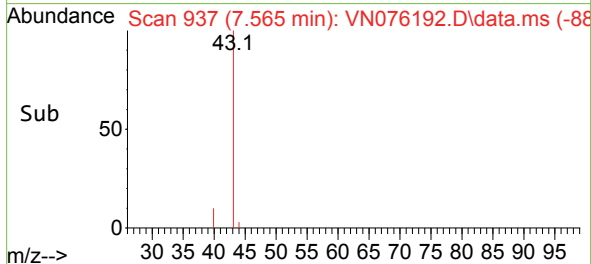


#37
Ethyl Acetate
Concen: 0.554 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076192.D
Acq: 10 Jan 2023 19:12

Instrument :
MSVOA_N
ClientSampleId :

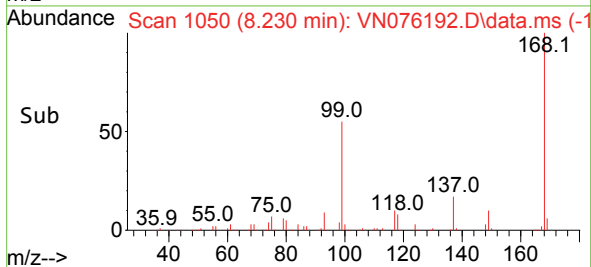
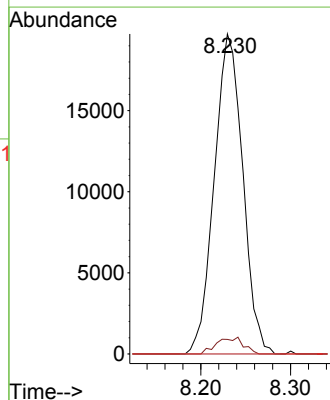
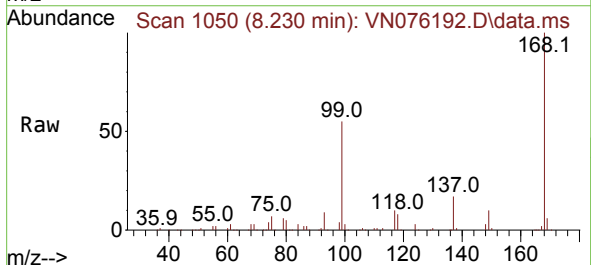


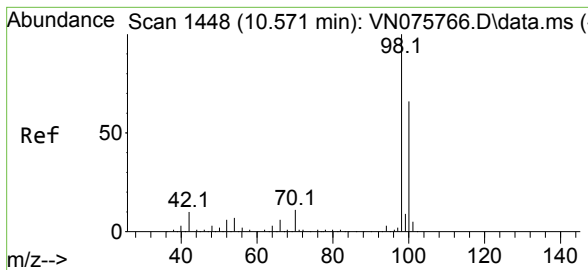
Tgt Ion: 43 Resp: 2476
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.4#
70 2.2 9.4 14.0#



#38
Carbon Tetrachloride
Concen: 6.977 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN076192.D
Acq: 10 Jan 2023 19:12

Tgt Ion: 117 Resp: 43424
Ion Ratio Lower Upper
117 100
119 4.5 76.1 114.1#
121 0.0 24.5 36.7#

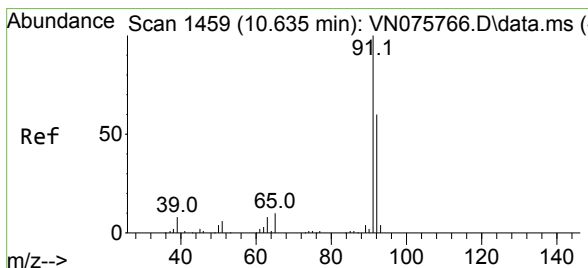
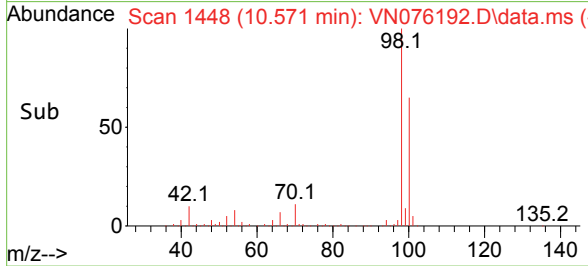
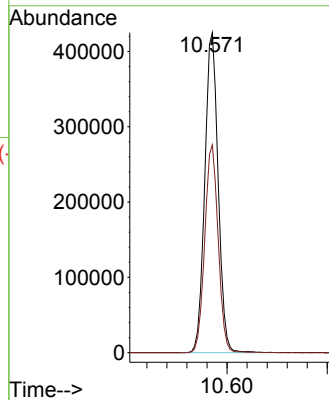
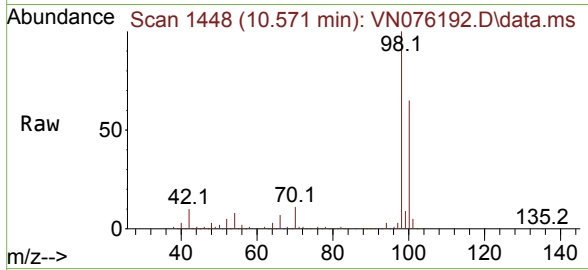




#50
Toluene-d8
Concen: 50.268 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076192.D
Acq: 10 Jan 2023 19:12

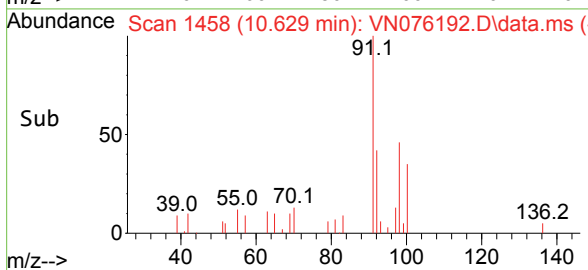
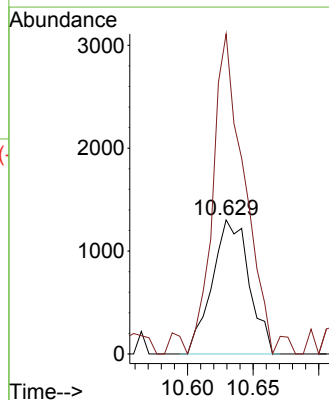
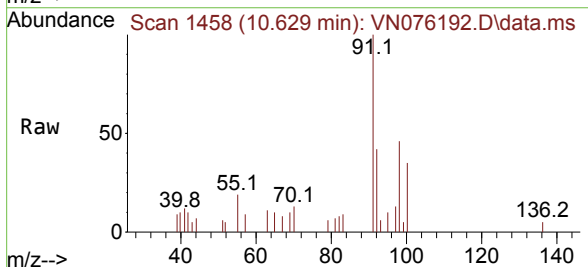
Instrument :
MSVOA_N
ClientSampleId :

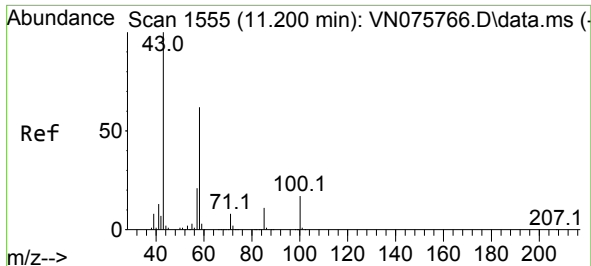
Tgt Ion: 98 Resp: 786780
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#52
Toluene
Concen: 0.228 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN076192.D
Acq: 10 Jan 2023 19:12

Tgt Ion: 92 Resp: 2553
Ion Ratio Lower Upper
92 100
91 211.6 137.3 205.9#

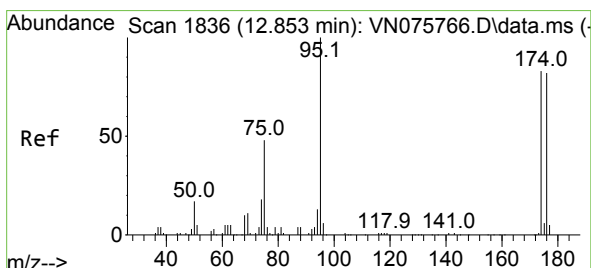
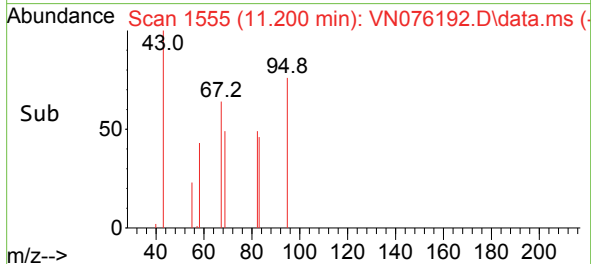
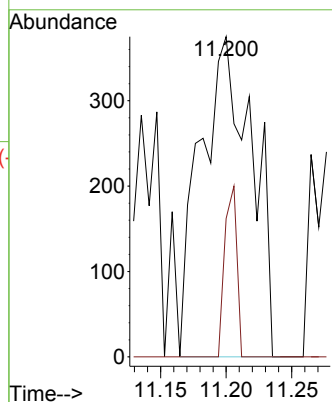
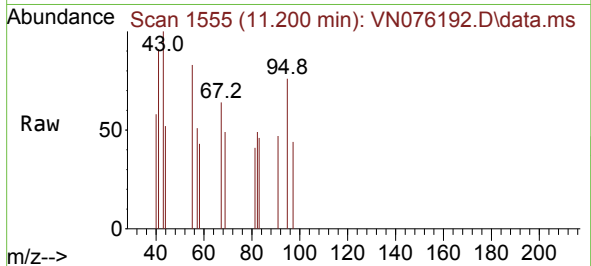




#59
2-Hexanone
Concen: 0.315 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076192.D
Acq: 10 Jan 2023 19:12

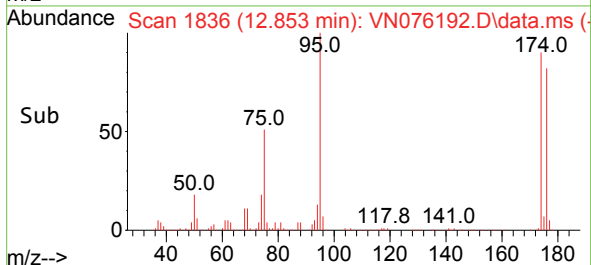
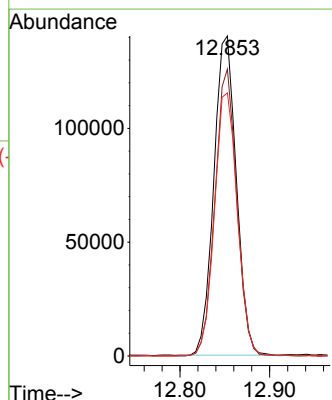
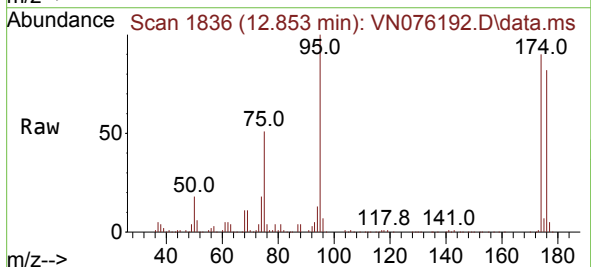
Instrument :
MSVOA_N
ClientSampleId :

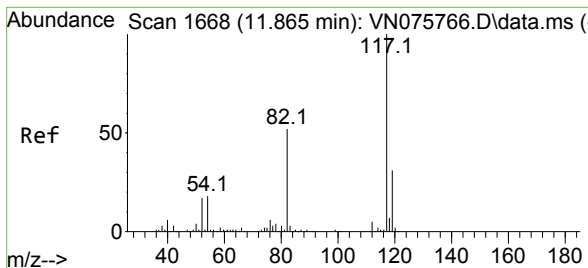
Tgt Ion: 43 Resp: 1023
Ion Ratio Lower Upper
43 100
58 12.5 30.6 92.0#



#62
4-Bromofluorobenzene
Concen: 47.130 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076192.D
Acq: 10 Jan 2023 19:12

Tgt Ion: 95 Resp: 244322
Ion Ratio Lower Upper
95 100
174 87.3 0.0 171.6
176 83.8 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076192.D

Acq: 10 Jan 2023 19:12

Instrument :

MSVOA_N

ClientSampleId :

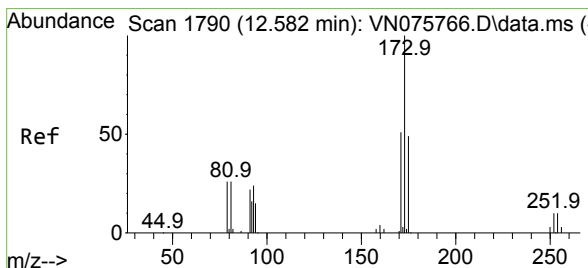
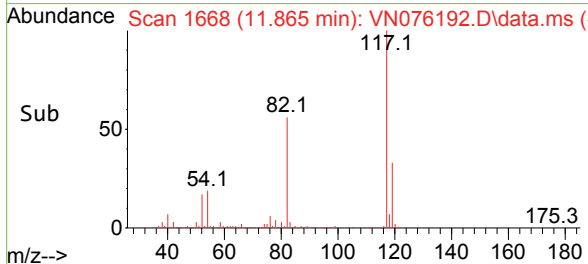
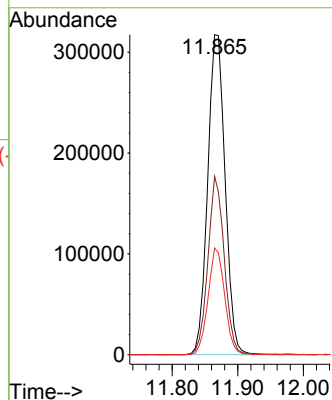
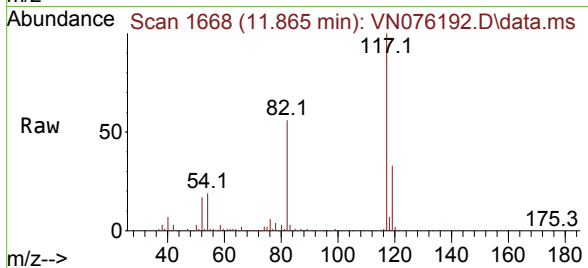
Tgt Ion:117 Resp: 587242

Ion Ratio Lower Upper

117 100

82 55.8 41.3 61.9

119 33.4 24.6 37.0



#71

Bromoform

Concen: 0.622 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.271 min

Lab File: VN076192.D

Acq: 10 Jan 2023 19:12

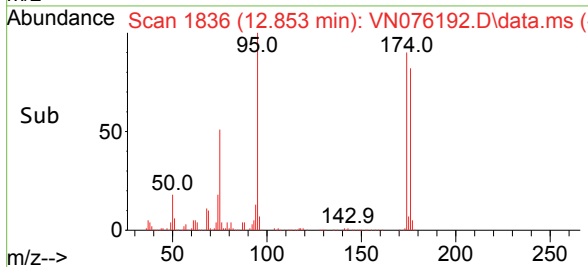
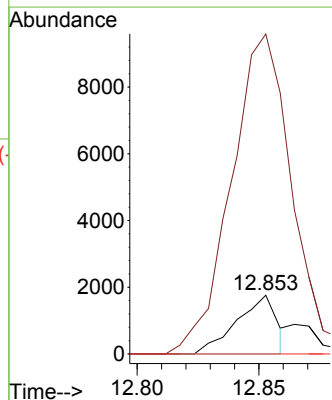
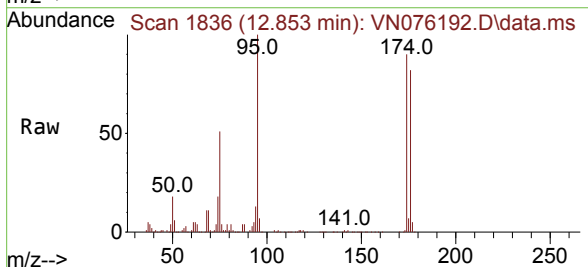
Tgt Ion:173 Resp: 2022

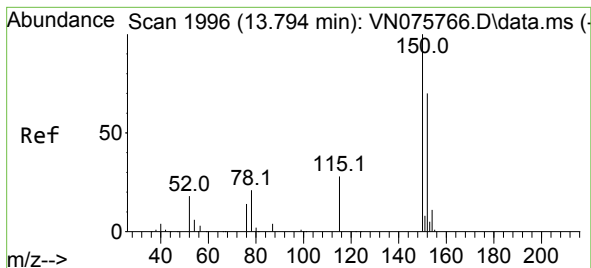
Ion Ratio Lower Upper

173 100

175 678.4 24.3 72.8#

254 0.0 0.0 0.0

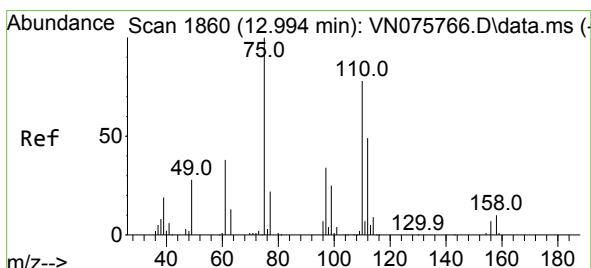
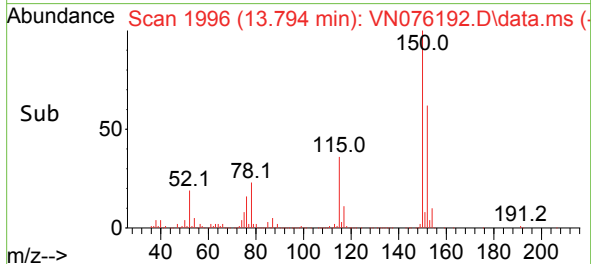
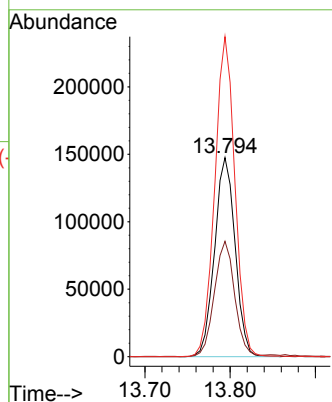
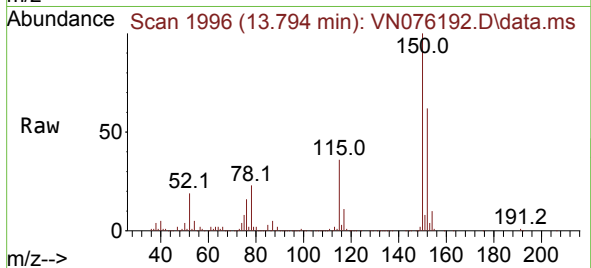




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN076192.D
 Acq: 10 Jan 2023 19:12

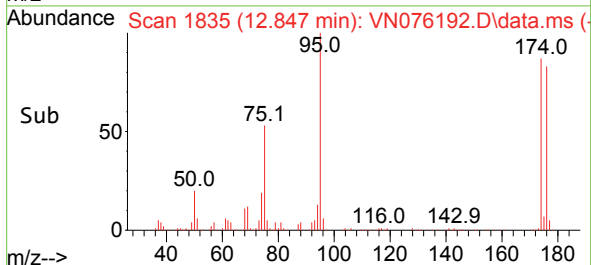
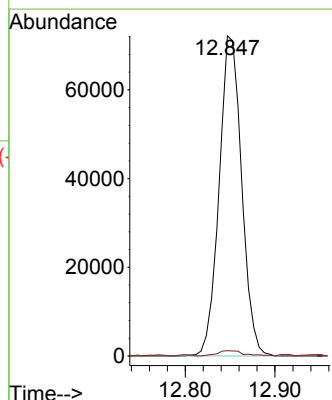
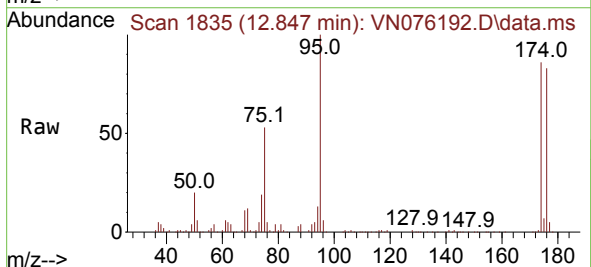
Instrument :
 MSVOA_N
 ClientSampleId :

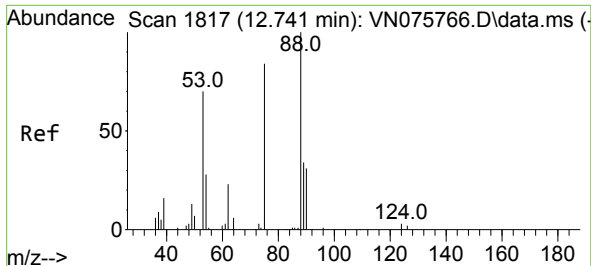
Tgt Ion:152 Resp: 247122
 Ion Ratio Lower Upper
 152 100
 115 57.4 29.1 87.4
 150 157.6 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 25.242 ug/l
 RT: 12.847 min Scan# 1835
 Delta R.T. -0.147 min
 Lab File: VN076192.D
 Acq: 10 Jan 2023 19:12

Tgt Ion: 75 Resp: 125741
 Ion Ratio Lower Upper
 75 100
 77 2.0 82.6 247.8#

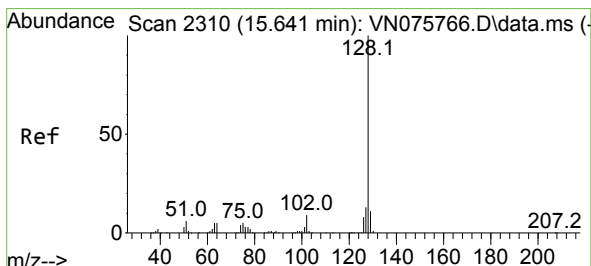
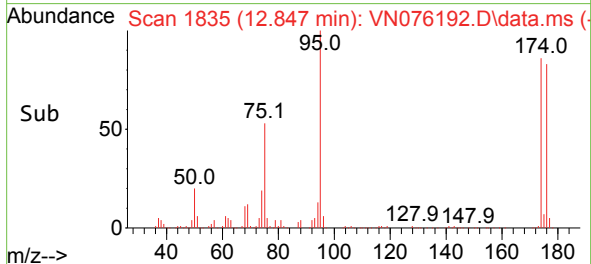
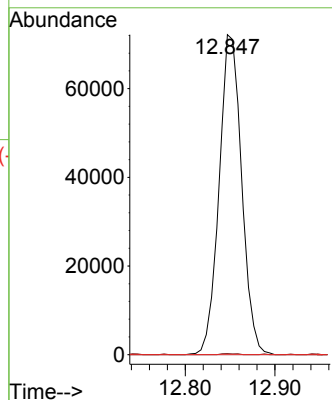
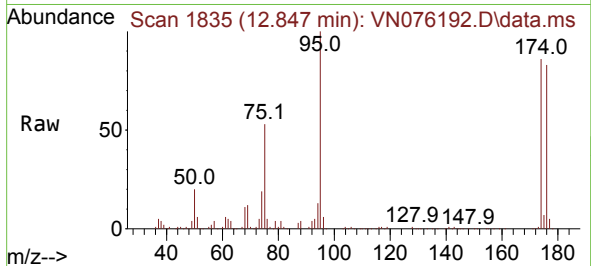




#81
trans-1,4-Dichloro-2-butene
Concen: 90.859 ug/l
RT: 12.847 min Scan# 1817
Delta R.T. 0.106 min
Lab File: VN076192.D
Acq: 10 Jan 2023 19:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 125741
Ion Ratio Lower Upper
75 100
53 0.2 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.299 ug/l
RT: 15.653 min Scan# 2312
Delta R.T. 0.012 min
Lab File: VN076192.D
Acq: 10 Jan 2023 19:12

Tgt Ion:128 Resp: 1704
Ion Ratio Lower Upper
128 100
127 4.2 10.4 15.6#
129 0.0 8.7 13.1#

