

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081169.D
 Acq On : 23 Feb 2024 19:21
 Operator : JC\MD
 Sample : P1576-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-195-TB-20240222

Quant Time: Feb 23 22:03:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

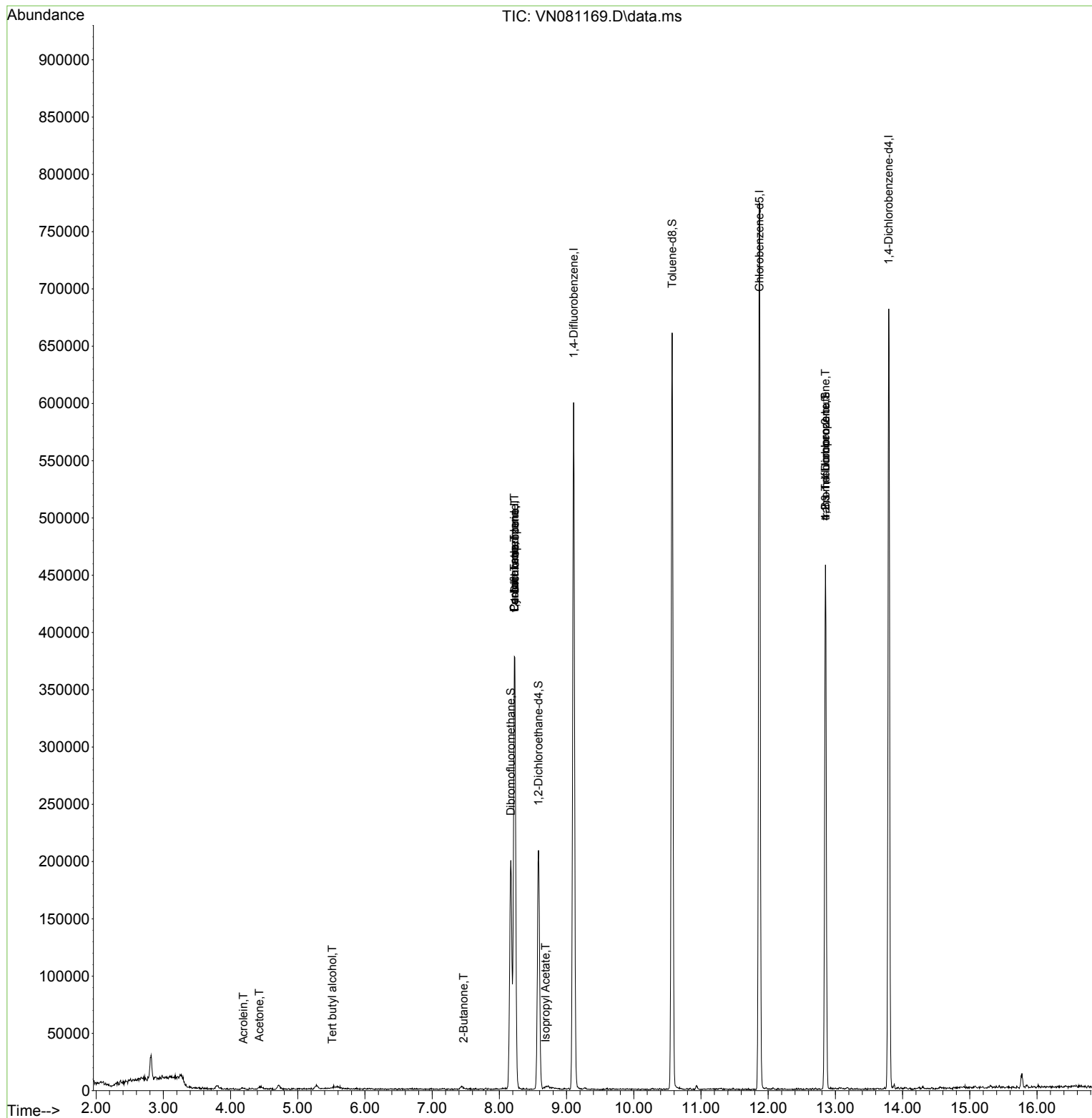
Internal Standards						
1) Pentafluorobenzene	8.224	168	269639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	503093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	437852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	173171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	168245	50.906	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.820%			
35) Dibromofluoromethane	8.171	113	142184	49.980	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.960%			
50) Toluene-d8	10.570	98	448958	44.433	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 88.860%			
62) 4-Bromofluorobenzene	12.853	95	162540	42.811	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 85.620%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1396	Below Cal	#	82
6) Chloroethane	3.100	64	127	Below Cal	#	42
11) Tert butyl alcohol	5.512	59	151	0.248	ug/l #	72
13) Acrolein	4.189	56	1196	3.671	ug/l #	76
16) Acetone	4.430	43	1916	1.473	ug/l	91
20) Methylene Chloride	5.283	84	2472	Below Cal	#	79
25) 2-Butanone	7.471	43	504	0.240	ug/l #	51
31) Cyclohexane	8.224	56	7165	1.256	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	24160	4.957	ug/l #	51
38) Carbon Tetrachloride	8.224	117	30722	6.230	ug/l #	16
43) Isopropyl Acetate	8.688	43	1825	0.237	ug/l #	57
76) 1,2,3-Trichloropropane	12.853	75	87805	22.316	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	87805	57.440	ug/l #	14

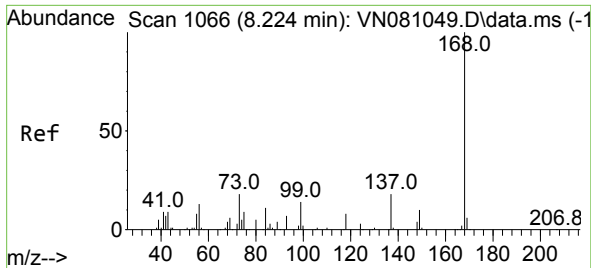
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
Data File : VN081169.D
Acq On : 23 Feb 2024 19:21
Operator : JC\MD
Sample : P1576-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-TB-20240222

Quant Time: Feb 23 22:03:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

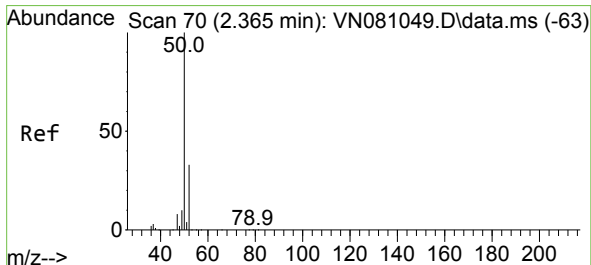
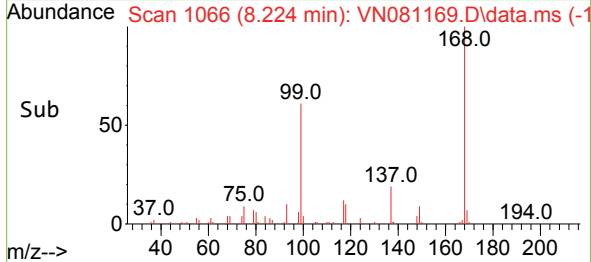
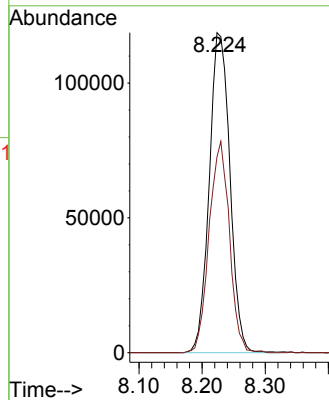
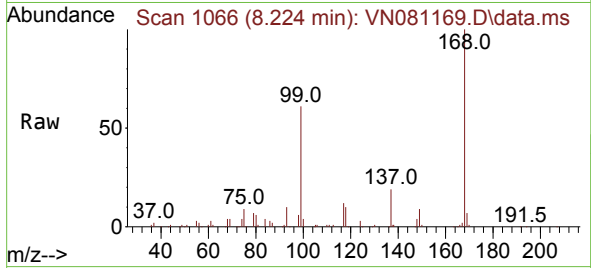




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081169.D
Acq: 23 Feb 2024 19:21

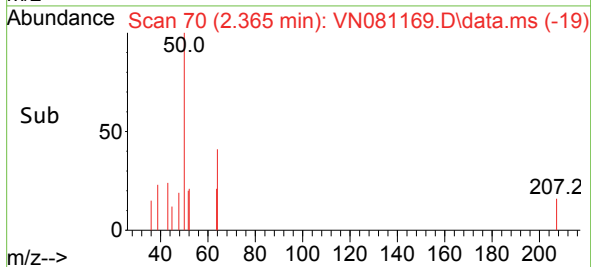
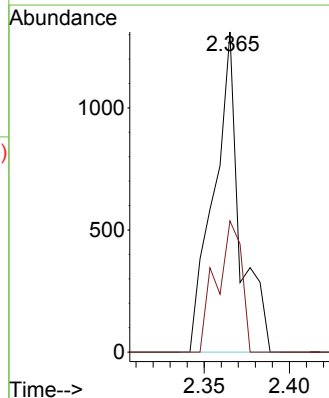
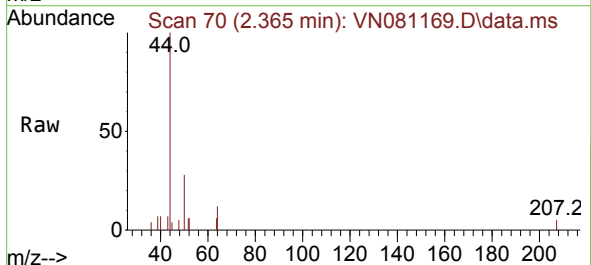
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-TB-20240222

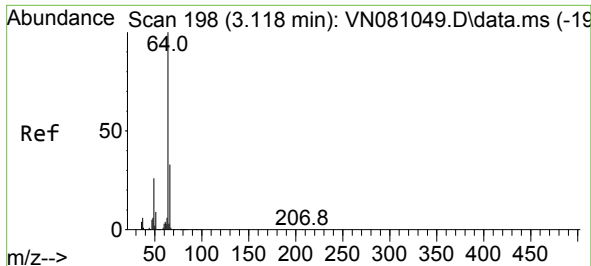
Tgt Ion:168 Resp: 269639
Ion Ratio Lower Upper
168 100
99 61.2 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081169.D
Acq: 23 Feb 2024 19:21

Tgt Ion: 50 Resp: 1396
Ion Ratio Lower Upper
50 100
52 41.0 25.0 37.4#

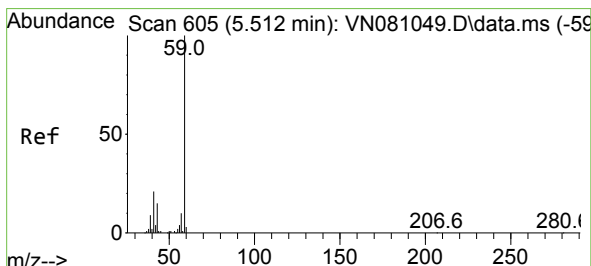
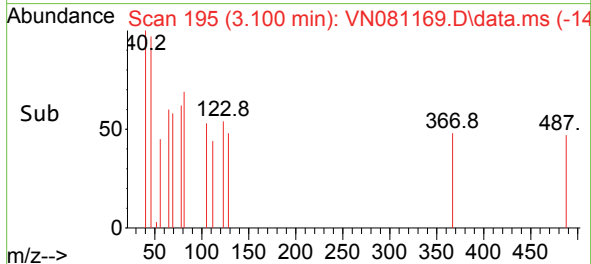
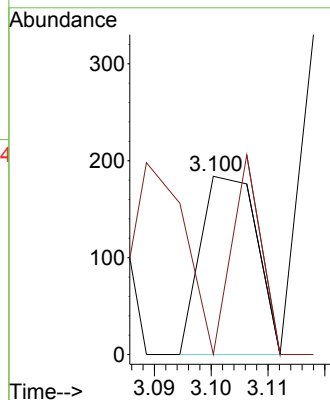
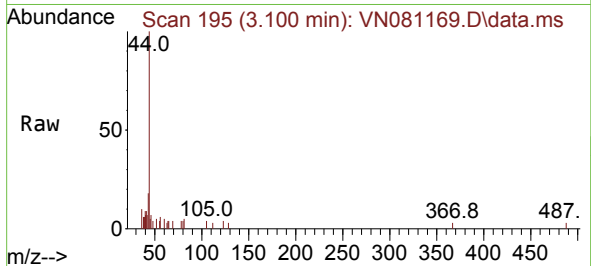




#6
Chloroethane
Concen: Below Cal
RT: 3.100 min Scan# 19
Delta R.T. -0.018 min
Lab File: VN081169.D
Acq: 23 Feb 2024 19:21

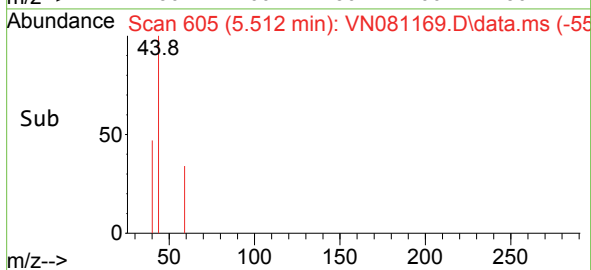
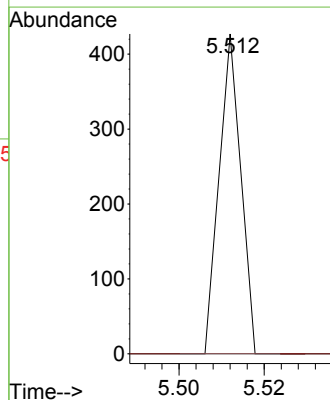
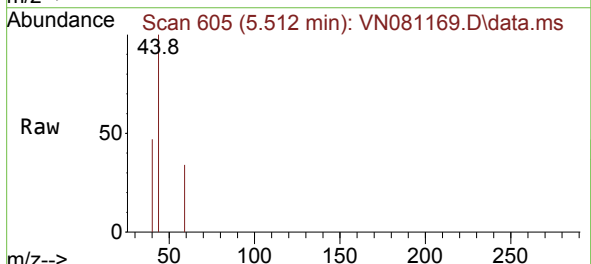
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-TB-20240222

Tgt Ion: 64 Resp: 127
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#11
Tert butyl alcohol
Concen: 0.248 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN081169.D
Acq: 23 Feb 2024 19:21

Tgt Ion: 59 Resp: 151
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

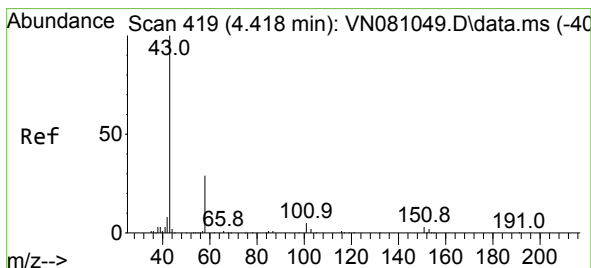
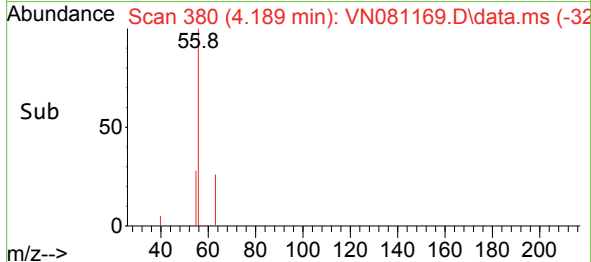
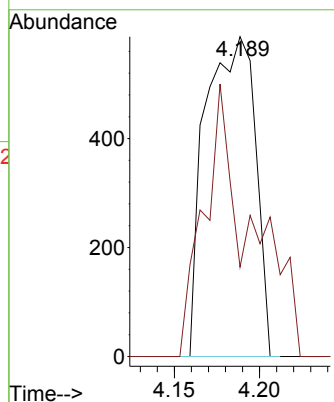
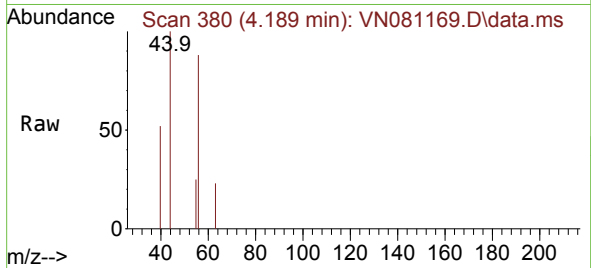




#13
Acrolein
Concen: 3.671 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN081169.D
Acq: 23 Feb 2024 19:21

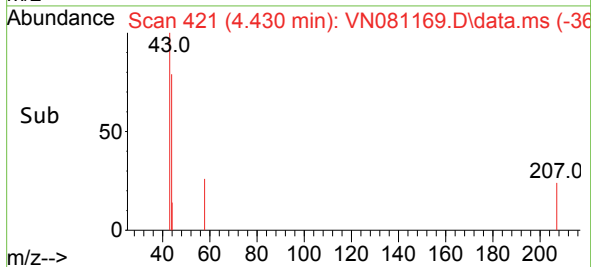
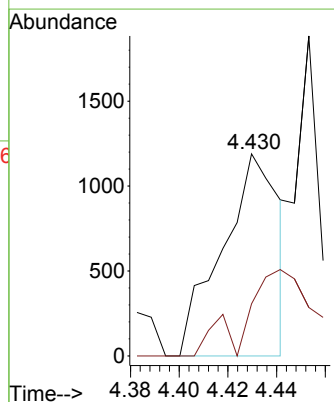
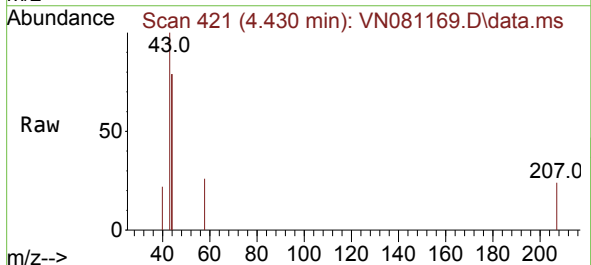
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-TB-20240222

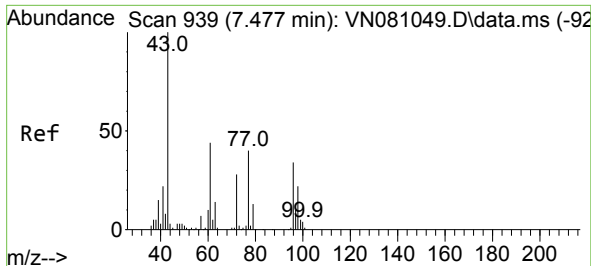
Tgt Ion: 56 Resp: 1196
Ion Ratio Lower Upper
56 100
55 49.3 55.3 82.9#



#16
Acetone
Concen: 1.473 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081169.D
Acq: 23 Feb 2024 19:21

Tgt Ion: 43 Resp: 1916
Ion Ratio Lower Upper
43 100
58 25.8 24.8 37.2

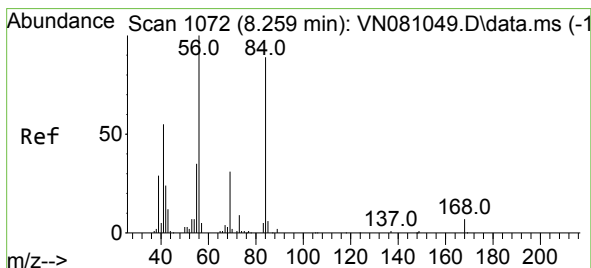
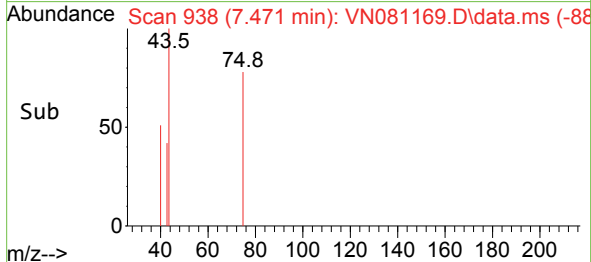
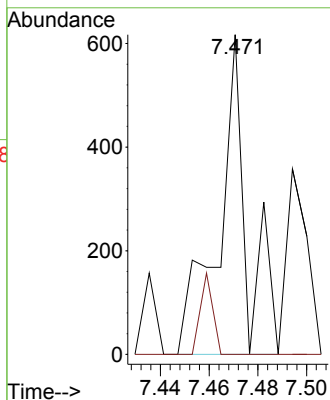
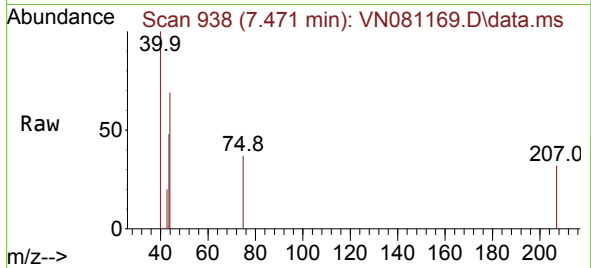




#25
2-Butanone
Concen: 0.240 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081169.D
Acq: 23 Feb 2024 19:21

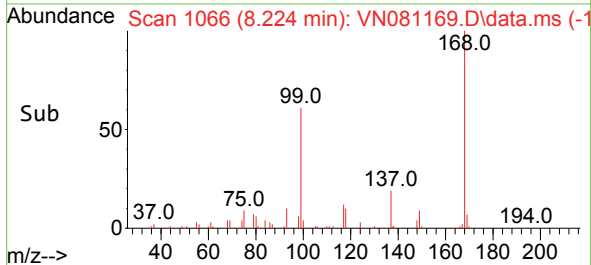
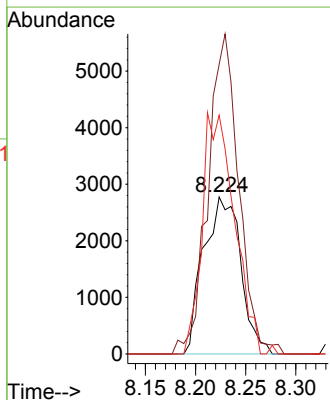
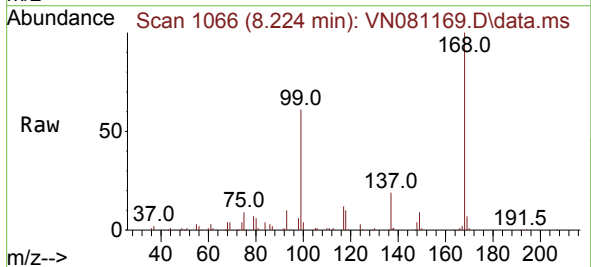
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-TB-20240222

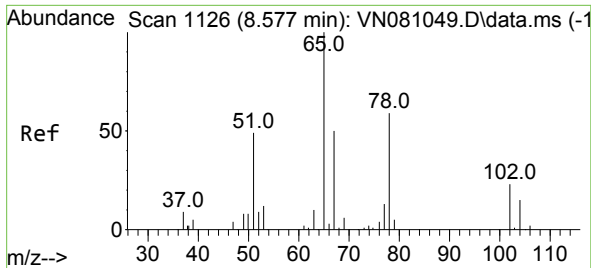
Tgt Ion: 43 Resp: 504
Ion Ratio Lower Upper
43 100
72 0.0 19.5 29.3#



#31
Cyclohexane
Concen: 1.256 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.036 min
Lab File: VN081169.D
Acq: 23 Feb 2024 19:21

Tgt Ion: 56 Resp: 7165
Ion Ratio Lower Upper
56 100
69 178.3 20.1 30.1#
84 152.1 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 50.906 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081169.D

Acq: 23 Feb 2024 19:21

Instrument :

MSVOA_N

ClientSampleId :

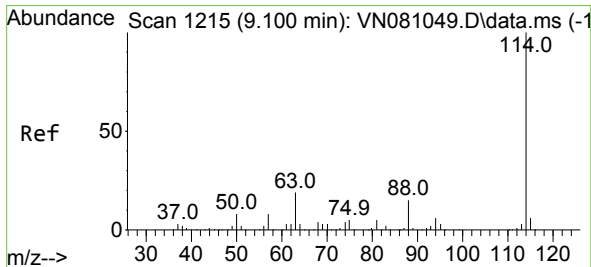
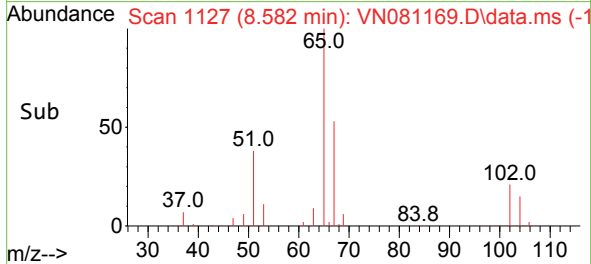
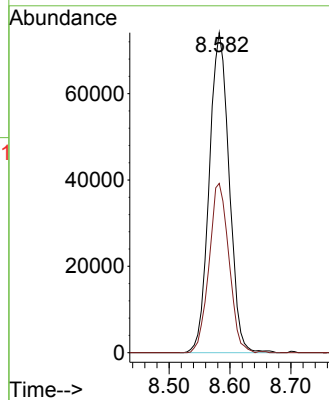
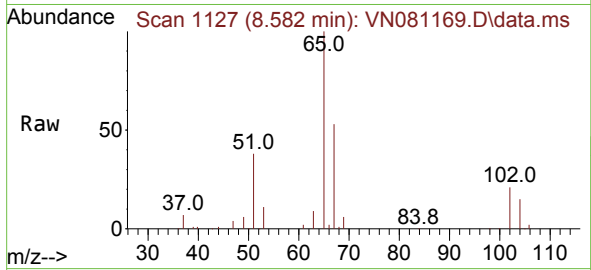
BP-VPB-195-TB-20240222

Tgt Ion: 65 Resp: 168245

Ion Ratio Lower Upper

65 100

67 52.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081169.D

Acq: 23 Feb 2024 19:21

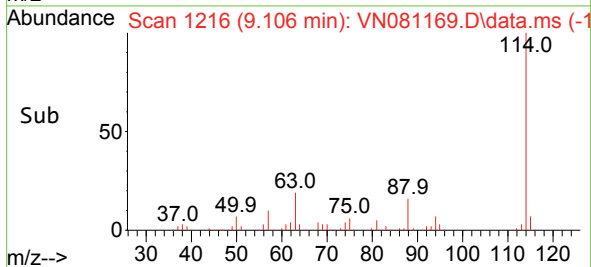
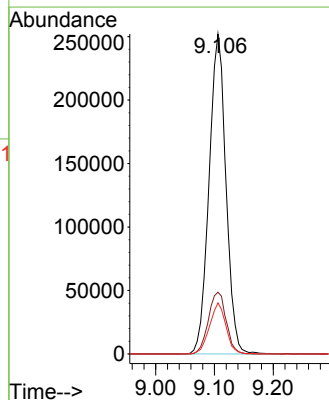
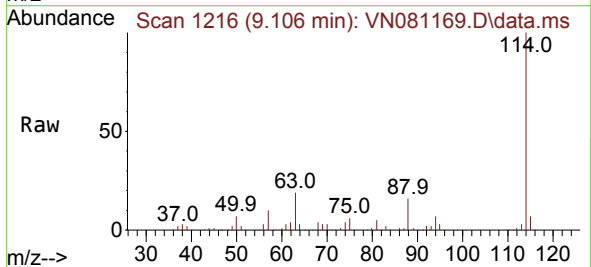
Tgt Ion: 114 Resp: 503093

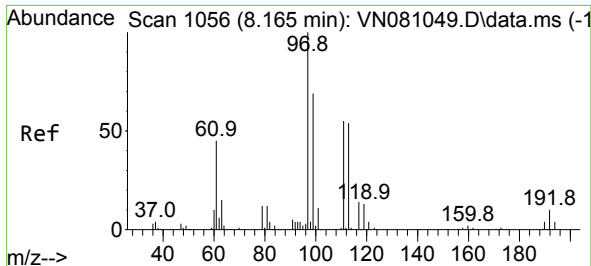
Ion Ratio Lower Upper

114 100

63 19.3 0.0 48.0

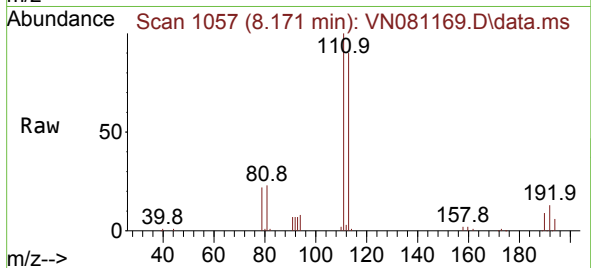
88 16.0 0.0 34.8



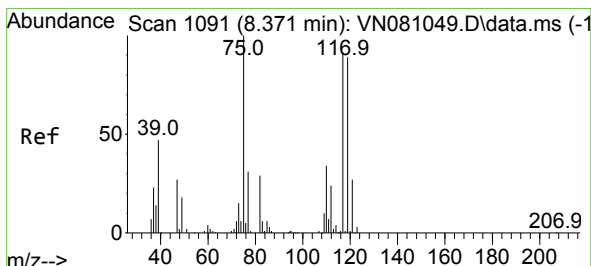
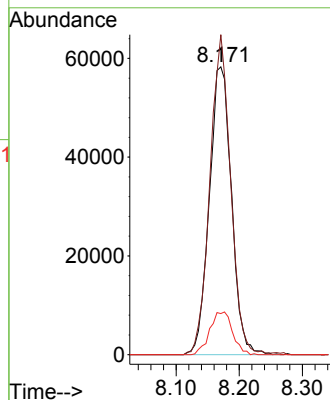
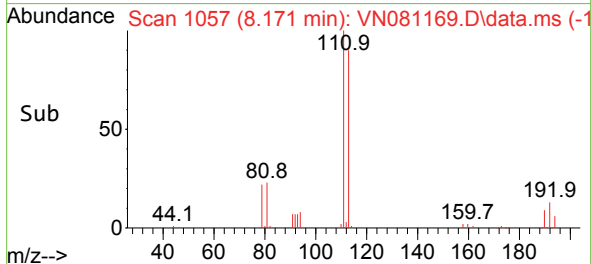


#35
Dibromofluoromethane
Concen: 49.980 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081169.D
Acq: 23 Feb 2024 19:21

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-TB-20240222

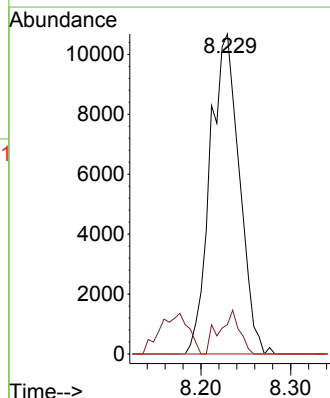
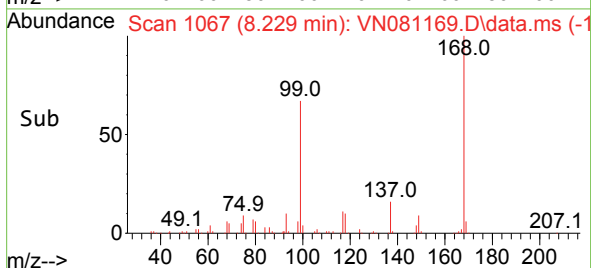
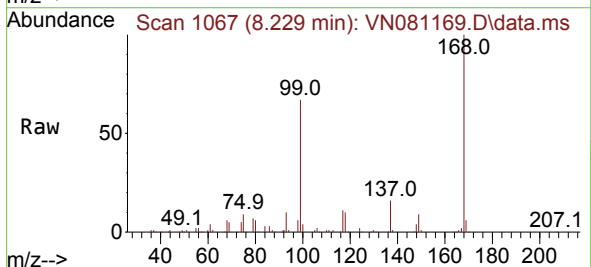


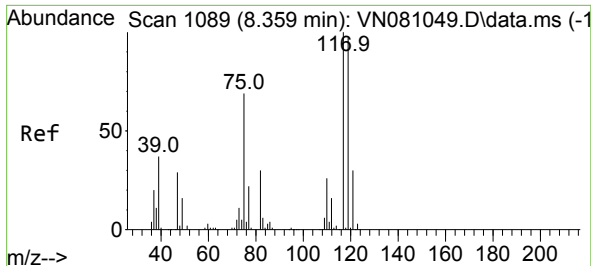
Tgt Ion:113 Resp: 142184
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 15.2 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.957 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081169.D
Acq: 23 Feb 2024 19:21

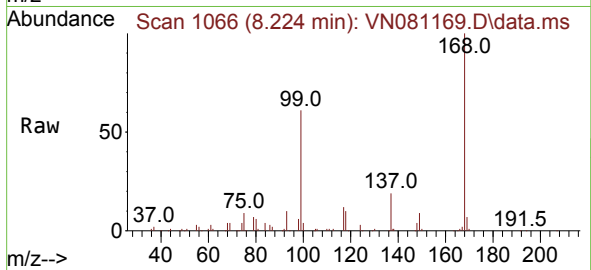
Tgt Ion: 75 Resp: 24160
Ion Ratio Lower Upper
75 100
110 9.5 16.0 48.0#
77 0.0 25.8 38.6#



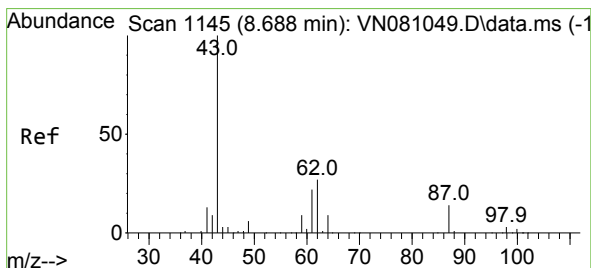
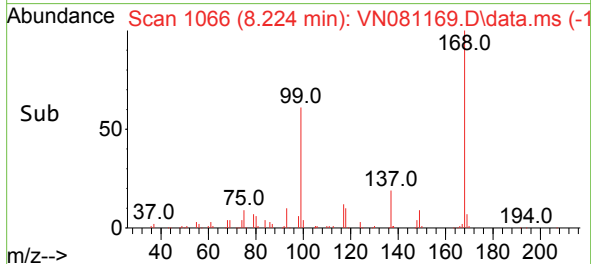
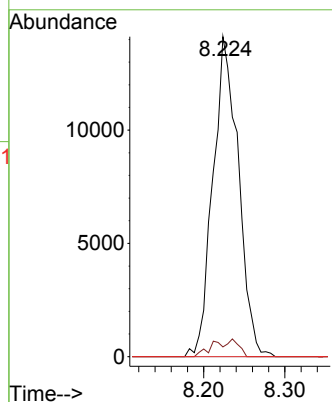


#38
Carbon Tetrachloride
Concen: 6.230 ug/l
RT: 8.224 min Scan# 1089
Delta R.T. -0.136 min
Lab File: VN081169.D
Acq: 23 Feb 2024 19:21

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-TB-20240222

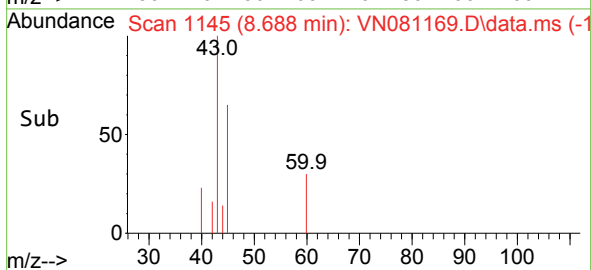
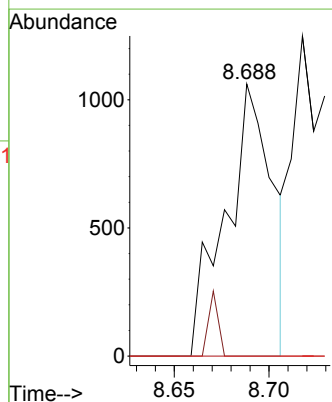
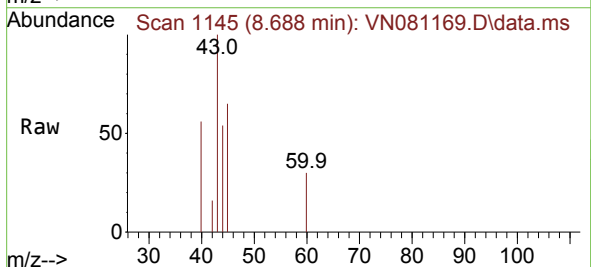


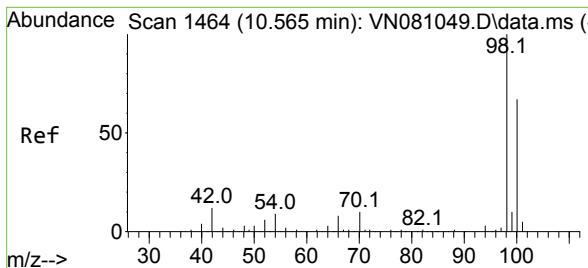
Tgt Ion:117 Resp: 30722
Ion Ratio Lower Upper
117 100
119 3.1 73.4 110.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.237 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081169.D
Acq: 23 Feb 2024 19:21

Tgt Ion: 43 Resp: 1825
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#

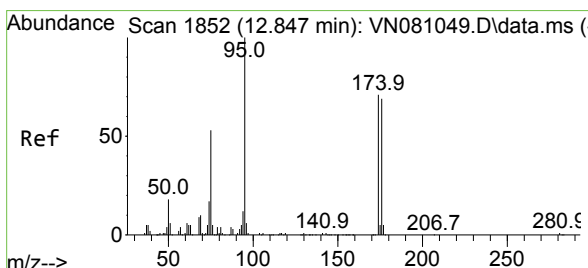
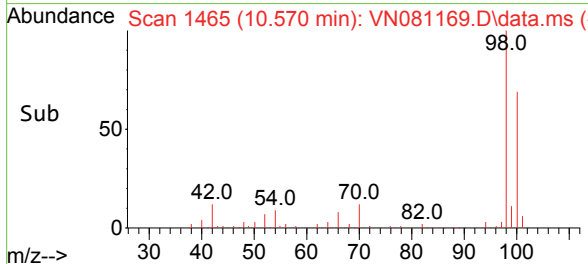
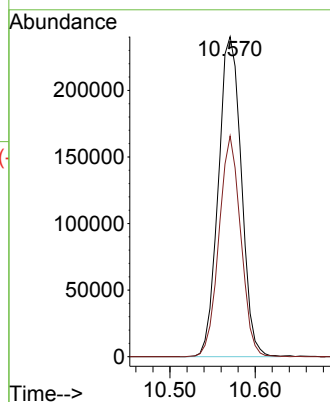
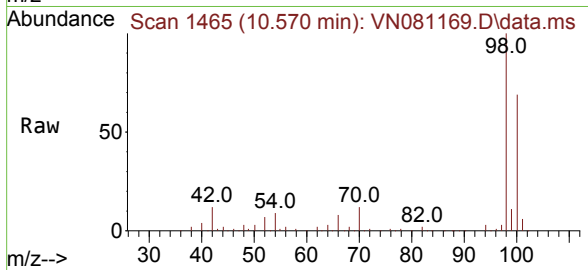




#50
Toluene-d8
Concen: 44.433 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081169.D
Acq: 23 Feb 2024 19:21

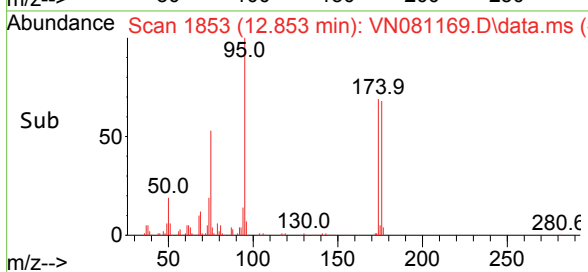
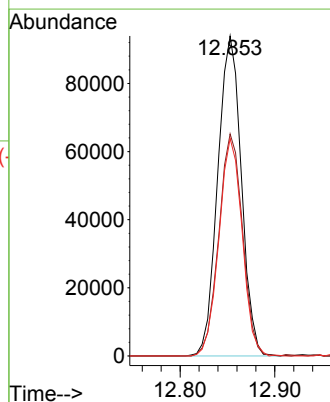
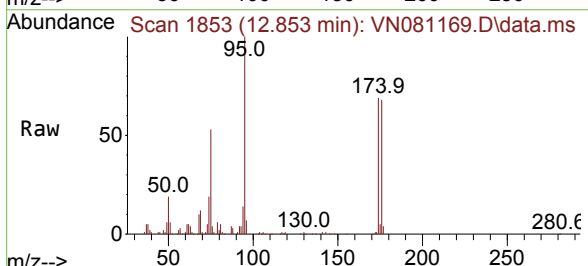
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-TB-20240222

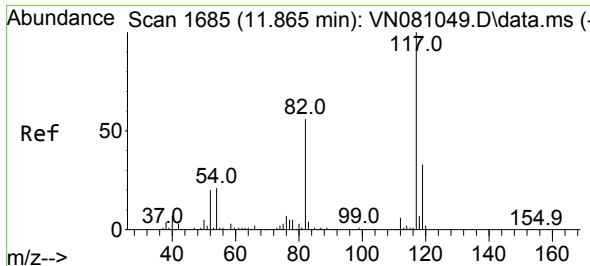
Tgt Ion: 98 Resp: 448958
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 42.811 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081169.D
Acq: 23 Feb 2024 19:21

Tgt Ion: 95 Resp: 162540
Ion Ratio Lower Upper
95 100
174 69.9 0.0 120.4
176 67.1 0.0 121.0

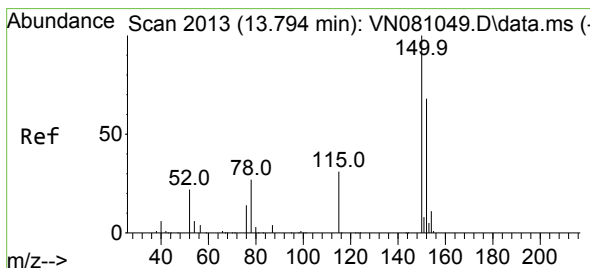
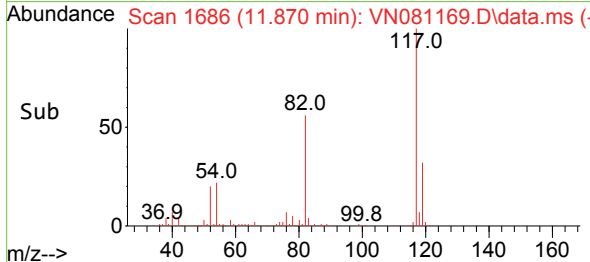
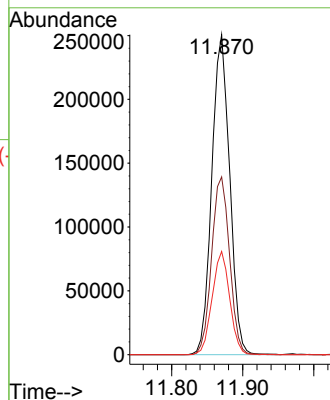
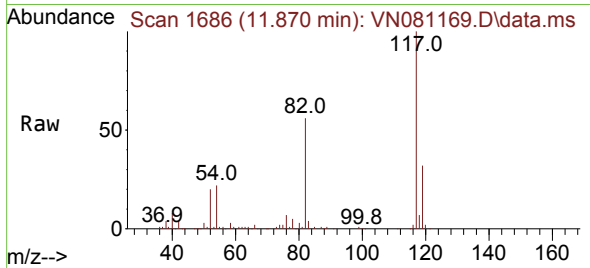




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN081169.D
Acq: 23 Feb 2024 19:21

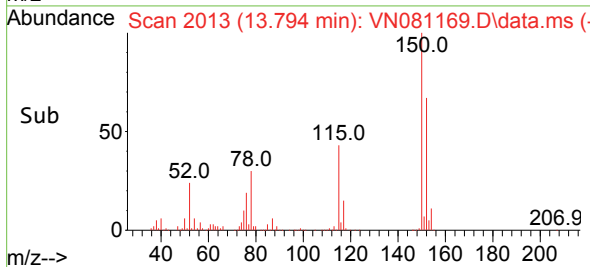
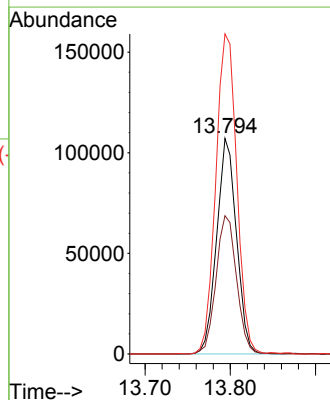
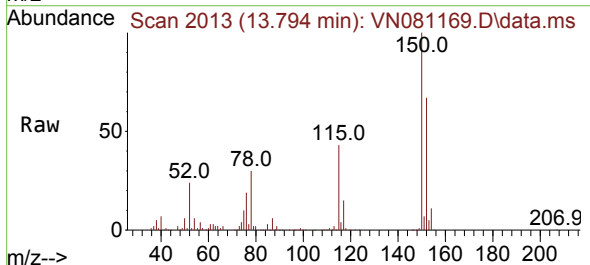
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-TB-20240222

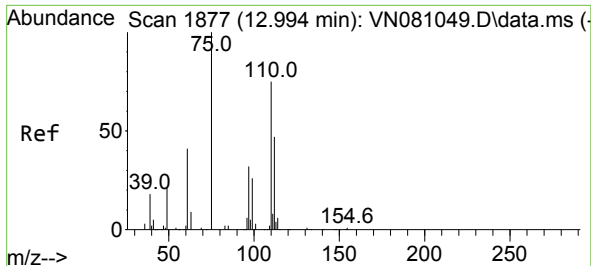
Tgt Ion:117 Resp: 437852
Ion Ratio Lower Upper
117 100
82 55.5 52.7 79.1
119 32.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081169.D
Acq: 23 Feb 2024 19:21

Tgt Ion:152 Resp: 173171
Ion Ratio Lower Upper
152 100
115 66.6 32.3 96.8
150 157.4 0.0 339.8

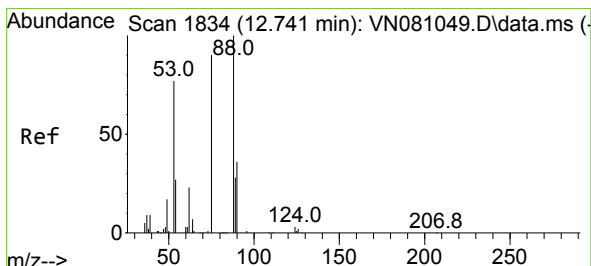
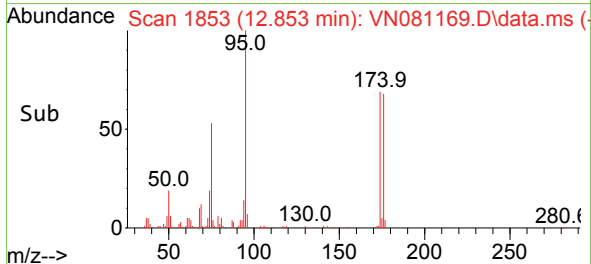
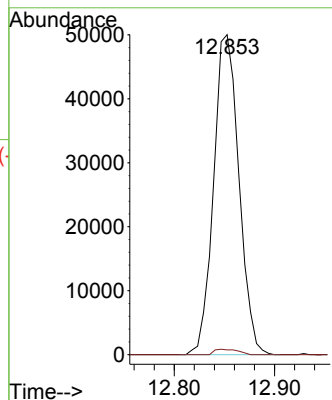
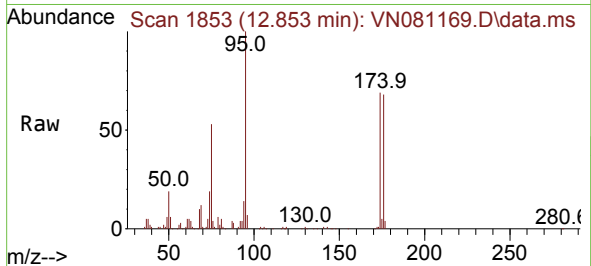




#76
1,2,3-Trichloropropane
Concen: 22.316 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081169.D
Acq: 23 Feb 2024 19:21

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-TB-20240222

Tgt Ion: 75 Resp: 87805
Ion Ratio Lower Upper
75 100
77 1.6 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.440 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081169.D
Acq: 23 Feb 2024 19:21

Tgt Ion: 75 Resp: 87805
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

