

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
 Data File : VN080792.D
 Acq On : 29 Jan 2024 15:42
 Operator : JC\MD
 Sample : P1262-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-195-GW-505-507

Quant Time: Jan 29 16:03:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

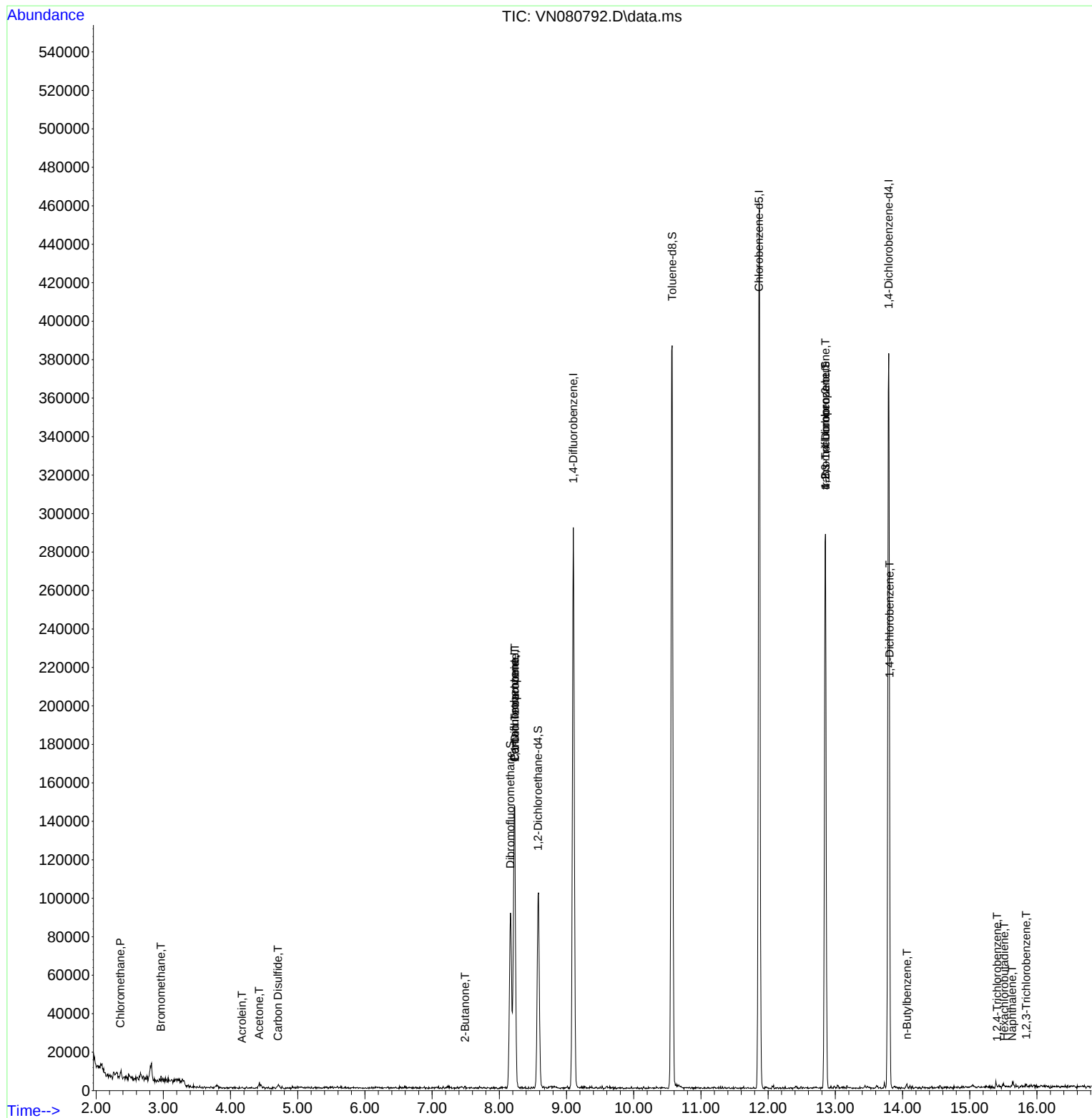
Internal Standards						
1) Pentafluorobenzene	8.224	168	94255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	218455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	77684	47.642	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.280%		
35) Dibromofluoromethane	8.165	113	63634	47.612	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.220%		
50) Toluene-d8	10.571	98	256659	49.065	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.120%		
62) 4-Bromofluorobenzene	12.853	95	103338	56.690	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	113.380%		
Target Compounds						Qvalue
3) Chloromethane	2.360	50	2813	1.337	ug/l #	75
5) Bromomethane	2.965	94	368	0.575	ug/l #	50
13) Acrolein	4.171	56	77	0.230	ug/l #	1
16) Acetone	4.424	43	2903	4.909	ug/l	100
17) Carbon Disulfide	4.706	76	2038	0.495	ug/l #	78
25) 2-Butanone	7.489	43	509	0.453	ug/l #	51
36) 1,1-Dichloropropene	8.230	75	10191	4.102	ug/l #	50
38) Carbon Tetrachloride	8.230	117	10937	5.464	ug/l #	14
76) 1,2,3-Trichloropropane	12.853	75	58766	21.791	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	58766	56.138	ug/l #	14
88) 1,4-Dichlorobenzene	13.806	146	780	0.249	ug/l #	1
89) n-Butylbenzene	14.065	91	1589	0.272	ug/l #	70
93) 1,2,4-Trichlorobenzene	15.406	180	782	0.530	ug/l	92
94) Hexachlorobutadiene	15.512	225	409	0.635	ug/l #	25
95) Naphthalene	15.629	128	1924	0.341	ug/l	96
96) 1,2,3-Trichlorobenzene	15.841	180	437	0.301	ug/l	74

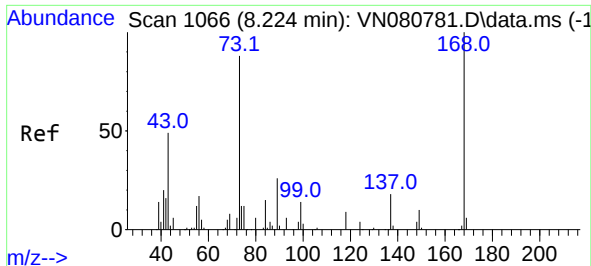
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-195-GW-505-507

Quant Time: Jan 29 16:03:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

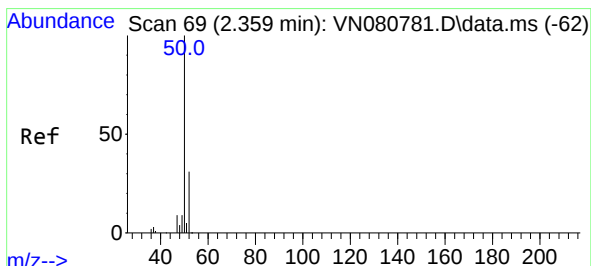
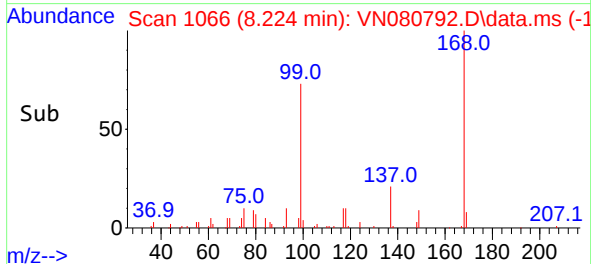
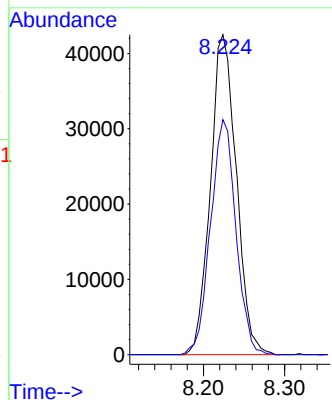
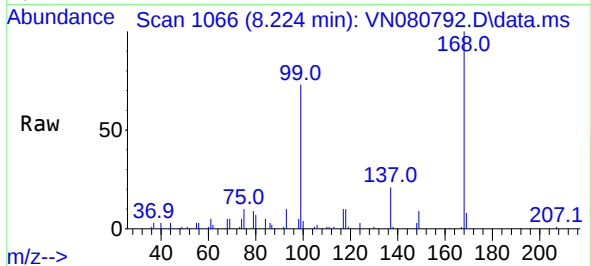




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080792.D
Acq: 29 Jan 2024 15:42

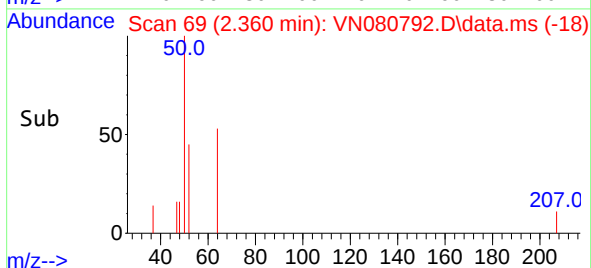
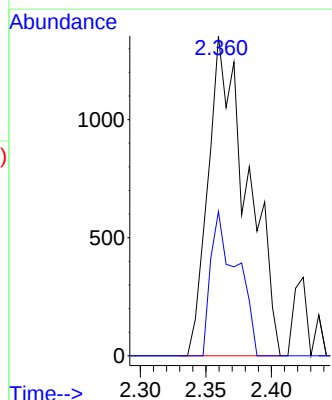
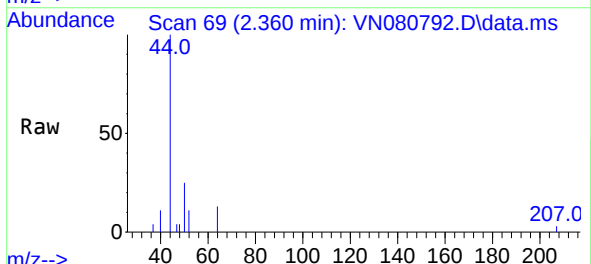
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-505-507

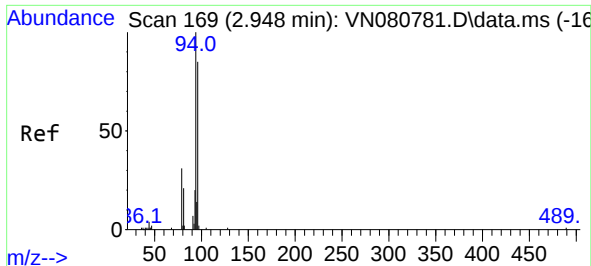
Tgt Ion:168 Resp: 94255
Ion Ratio Lower Upper
168 100
99 73.5 59.9 89.9



#3
Chloromethane
Concen: 1.337 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080792.D
Acq: 29 Jan 2024 15:42

Tgt Ion: 50 Resp: 2813
Ion Ratio Lower Upper
50 100
52 45.1 25.0 37.4#

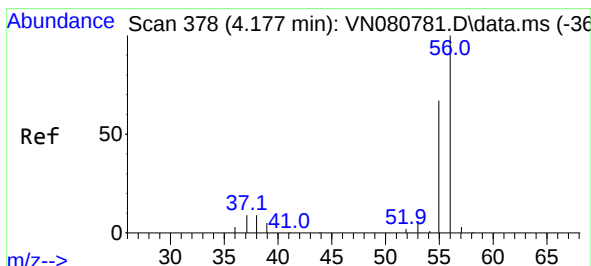
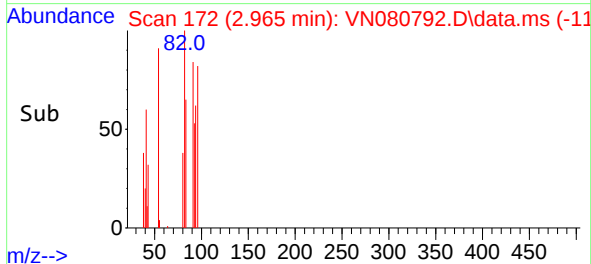
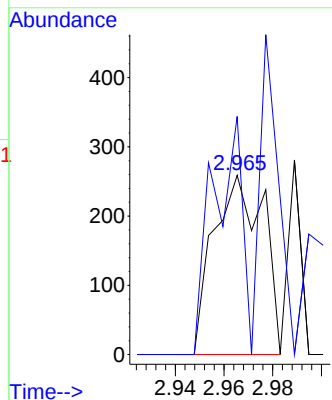
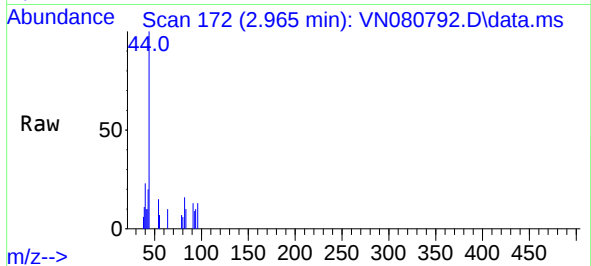




#5
Bromomethane
Concen: 0.575 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN080792.D
Acq: 29 Jan 2024 15:42

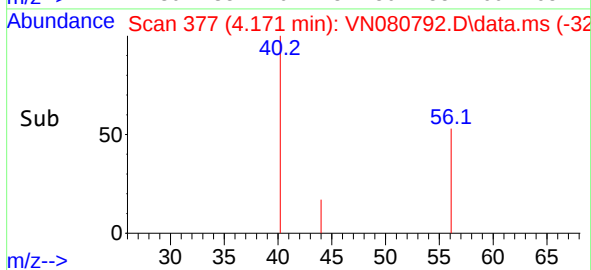
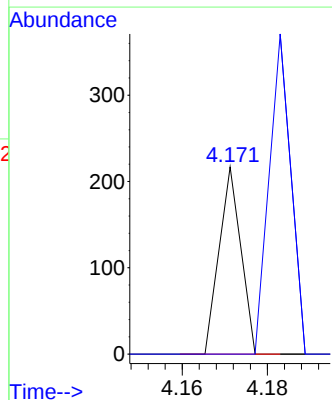
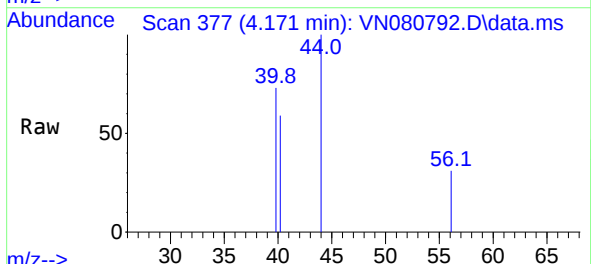
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-505-507

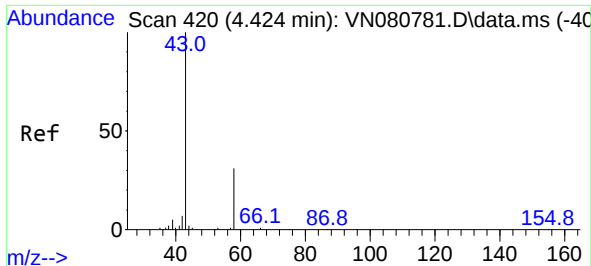
Tgt Ion: 94 Resp: 368
Ion Ratio Lower Upper
94 100
96 132.8 69.2 103.8#



#13
Acrolein
Concen: 0.230 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN080792.D
Acq: 29 Jan 2024 15:42

Tgt Ion: 56 Resp: 77
Ion Ratio Lower Upper
56 100
55 170.1 55.3 82.9#

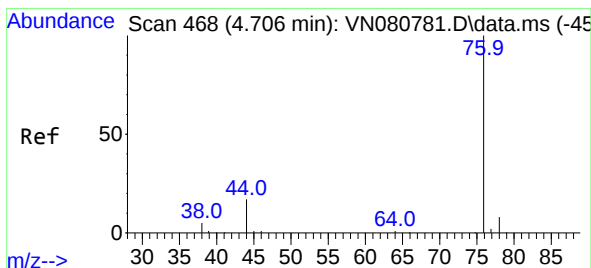
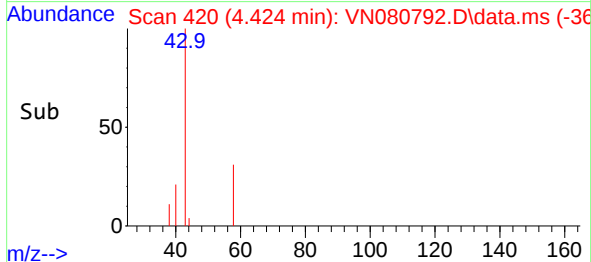
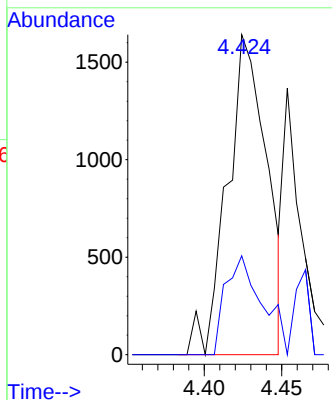
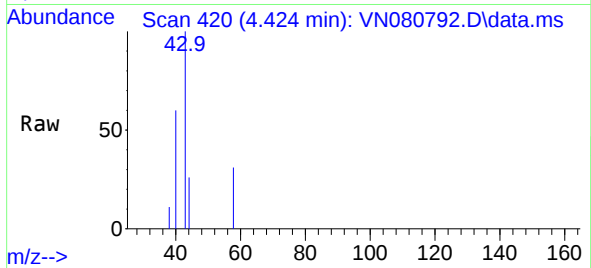




#16
Acetone
Concen: 4.909 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN080792.D
Acq: 29 Jan 2024 15:42

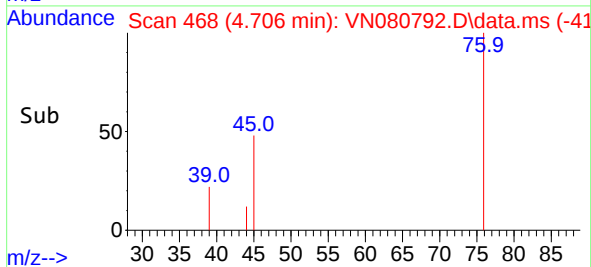
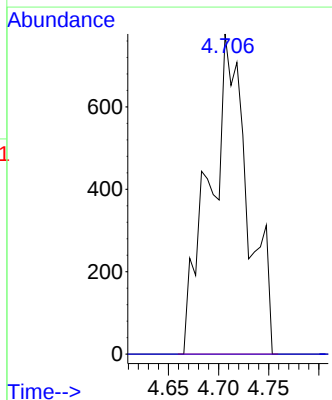
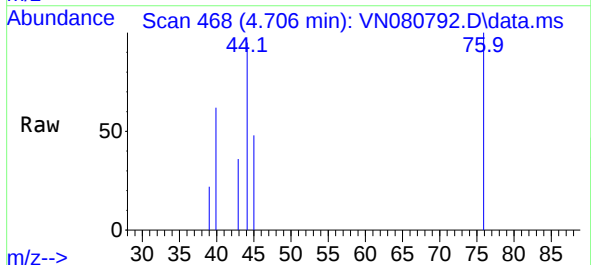
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-505-507

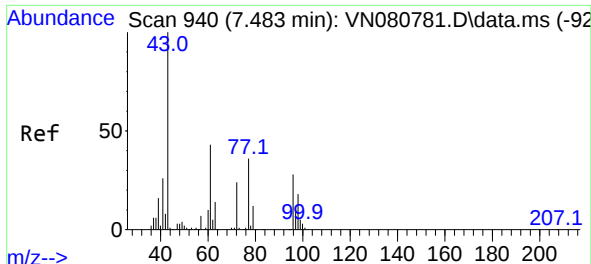
Tgt Ion: 43 Resp: 2903
Ion Ratio Lower Upper
43 100
58 30.9 24.8 37.2



#17
Carbon Disulfide
Concen: 0.495 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN080792.D
Acq: 29 Jan 2024 15:42

Tgt Ion: 76 Resp: 2038
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#

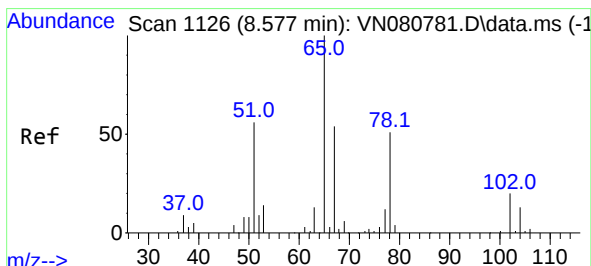
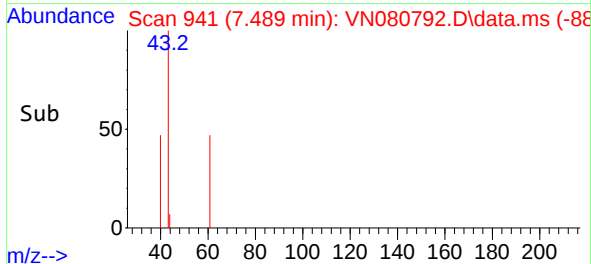
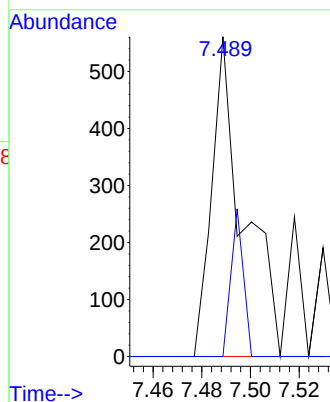
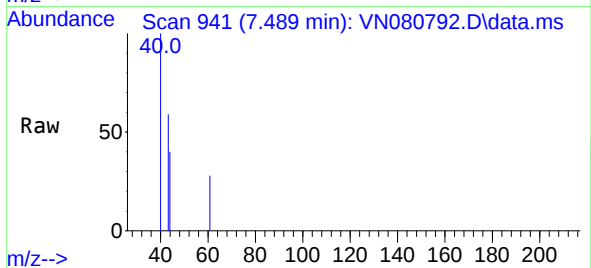




#25
2-Butanone
Concen: 0.453 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080792.D
Acq: 29 Jan 2024 15:42

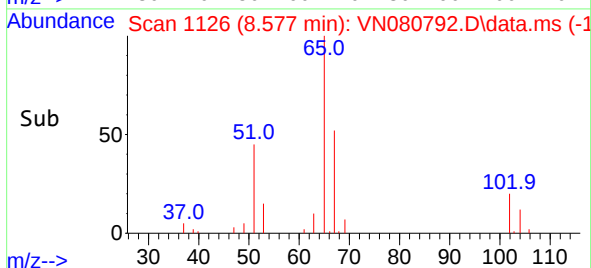
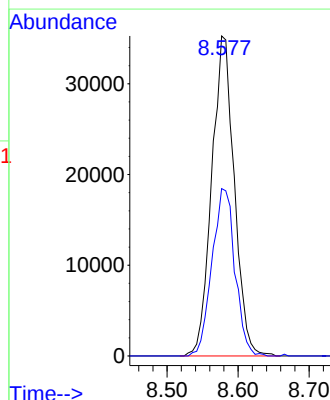
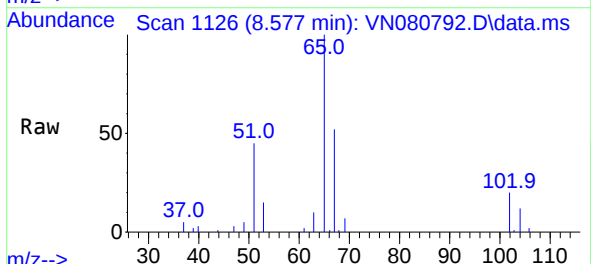
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-505-507

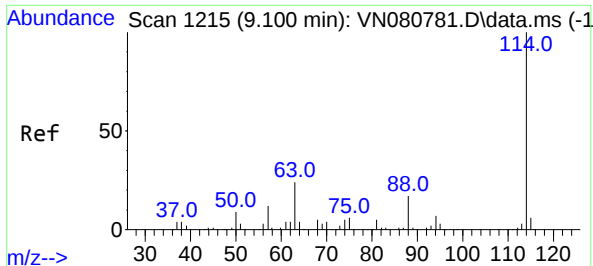
Tgt Ion: 43 Resp: 509
Ion Ratio Lower Upper
43 100
72 0.0 19.5 29.3#



#33
1,2-Dichloroethane-d4
Concen: 47.642 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080792.D
Acq: 29 Jan 2024 15:42

Tgt Ion: 65 Resp: 77684
Ion Ratio Lower Upper
65 100
67 53.1 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080792.D

Acq: 29 Jan 2024 15:42

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-195-GW-505-507

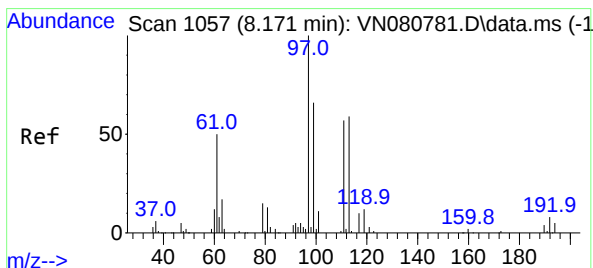
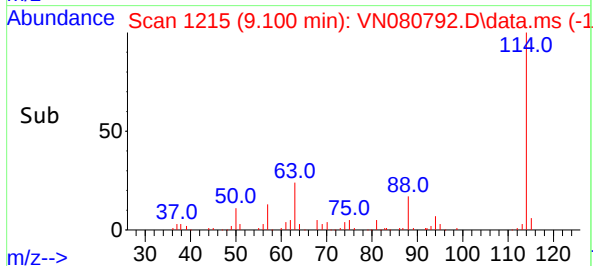
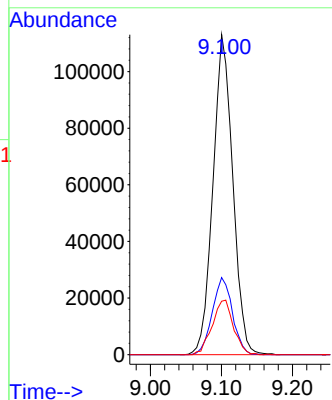
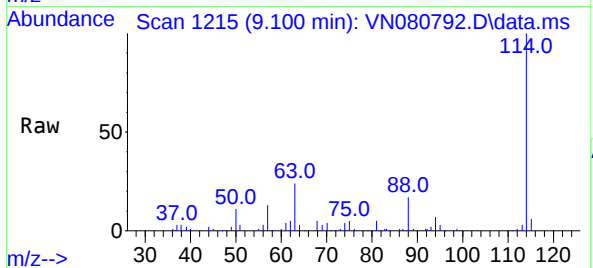
Tgt Ion:114 Resp: 218455

Ion Ratio Lower Upper

114 100

63 24.1 0.0 48.0

88 16.7 0.0 34.8



#35

Dibromofluoromethane

Concen: 47.612 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080792.D

Acq: 29 Jan 2024 15:42

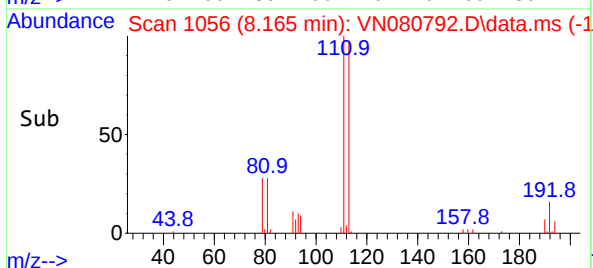
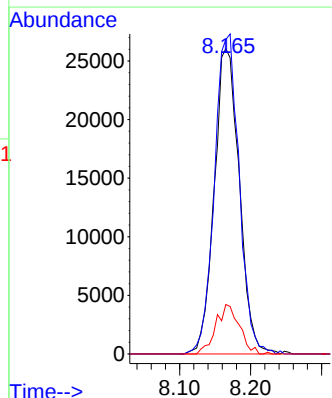
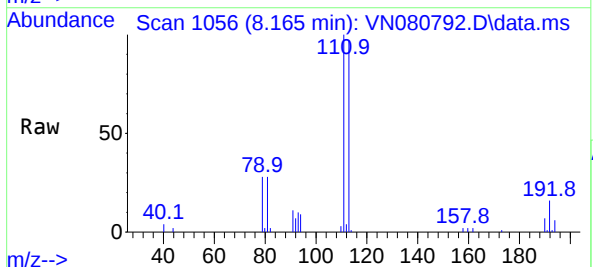
Tgt Ion:113 Resp: 63634

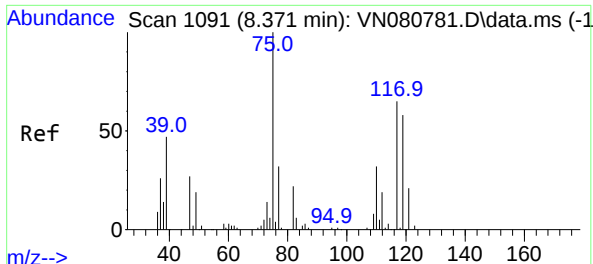
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 15.2 12.5 18.7





#36

1,1-Dichloropropene

Concen: 4.102 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN080792.D

Acq: 29 Jan 2024 15:42

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-195-GW-505-507

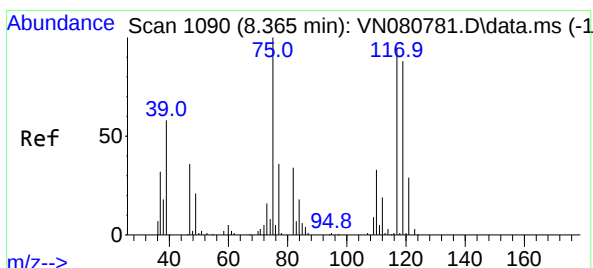
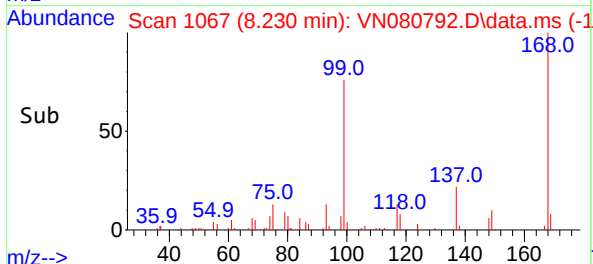
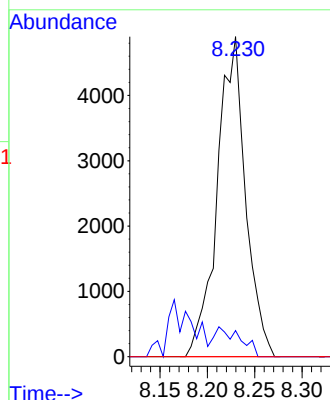
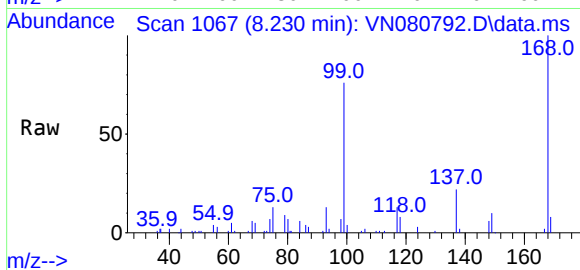
Tgt Ion: 75 Resp: 10191

Ion Ratio Lower Upper

75 100

110 8.5 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 5.464 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN080792.D

Acq: 29 Jan 2024 15:42

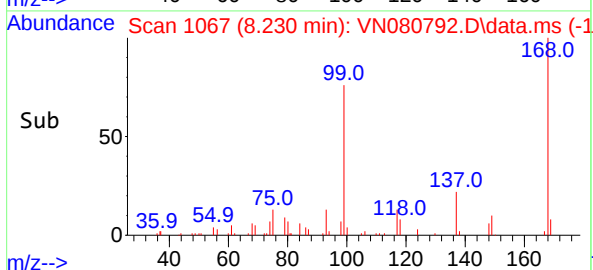
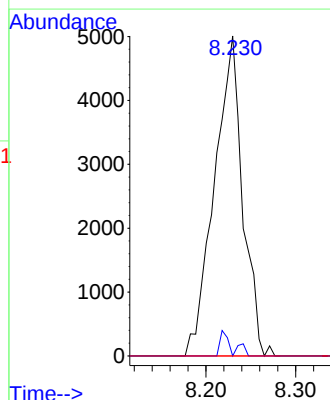
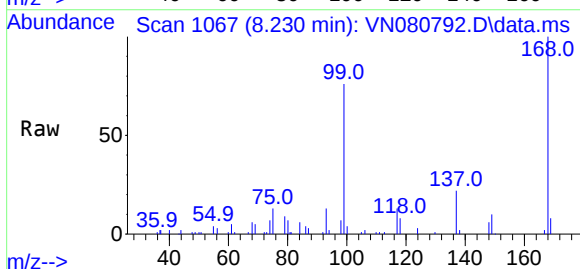
Tgt Ion: 117 Resp: 10937

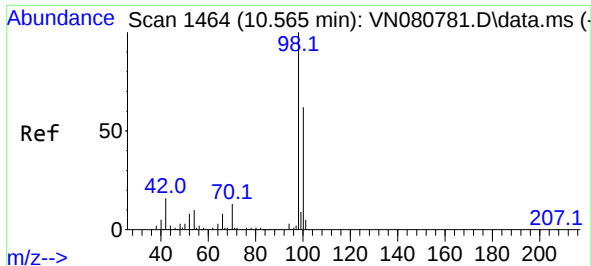
Ion Ratio Lower Upper

117 100

119 0.0 73.4 110.2#

121 0.0 24.4 36.6#

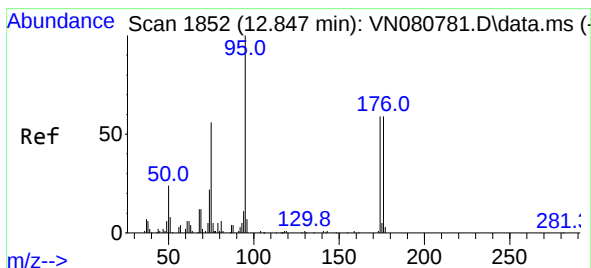
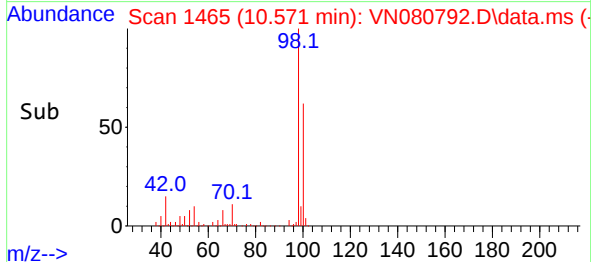
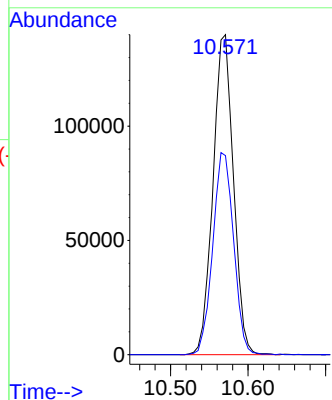
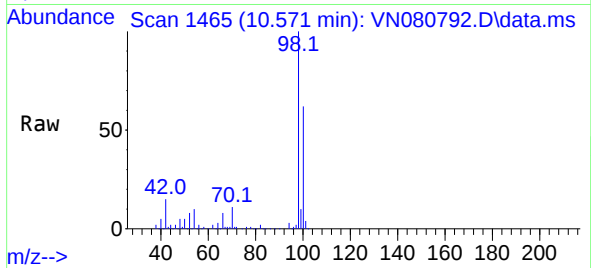




#50
Toluene-d8
Concen: 49.065 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080792.D
Acq: 29 Jan 2024 15:42

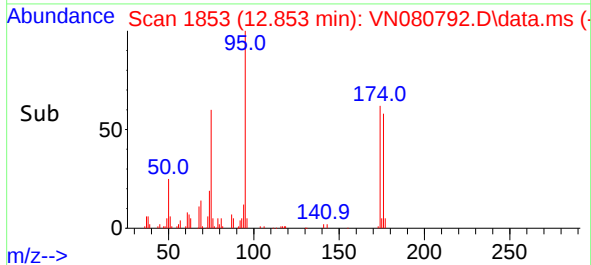
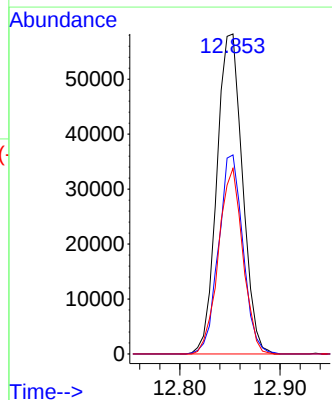
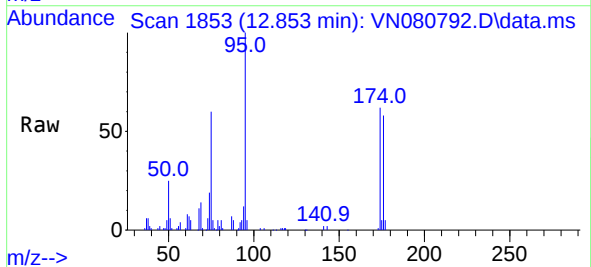
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-505-507

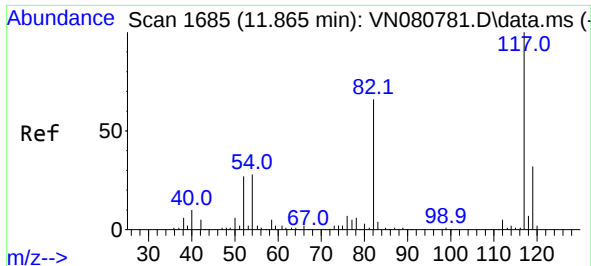
Tgt Ion: 98 Resp: 256659
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 56.690 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080792.D
Acq: 29 Jan 2024 15:42

Tgt Ion: 95 Resp: 103338
Ion Ratio Lower Upper
95 100
174 59.3 0.0 120.4
176 55.1 0.0 121.0

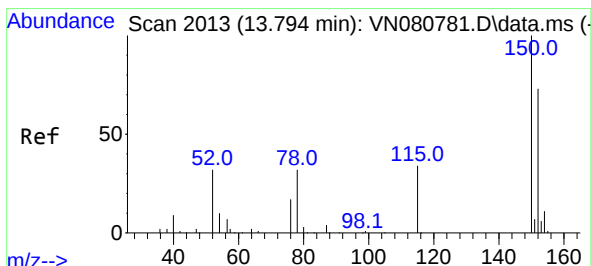
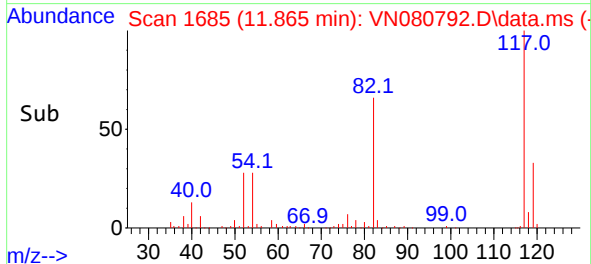
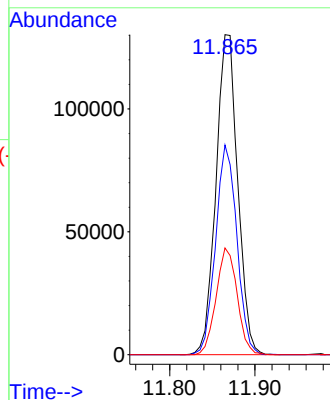
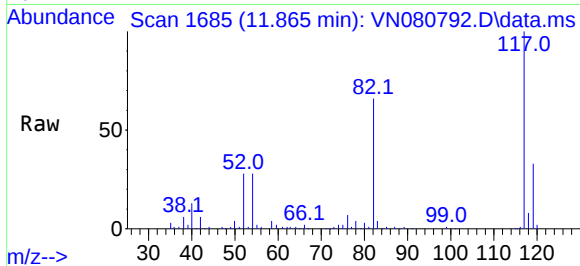




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080792.D
Acq: 29 Jan 2024 15:42

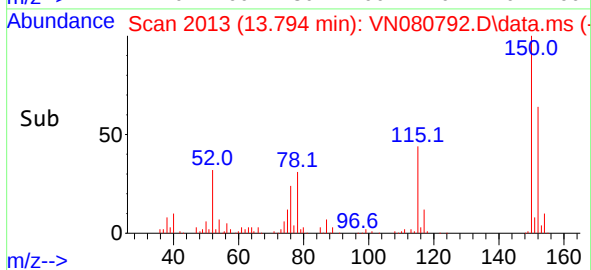
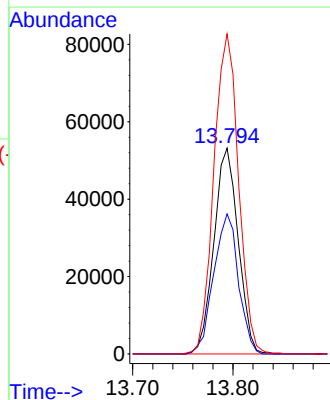
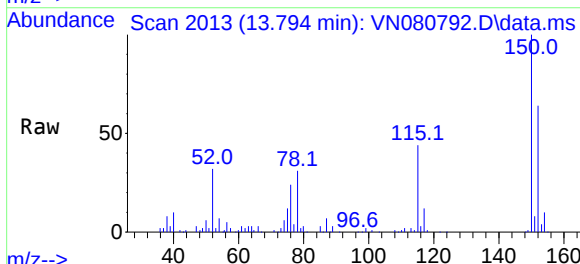
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-505-507

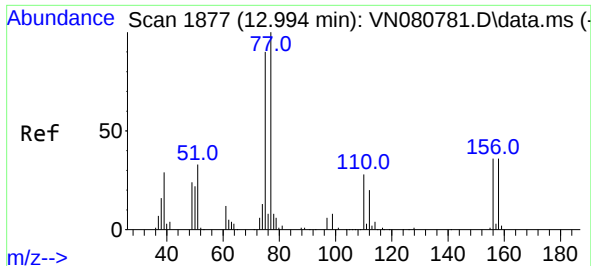
Tgt Ion:117 Resp: 230877
Ion Ratio Lower Upper
117 100
82 65.5 52.7 79.1
119 33.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080792.D
Acq: 29 Jan 2024 15:42

Tgt Ion:152 Resp: 89415
Ion Ratio Lower Upper
152 100
115 69.2 32.3 96.8
150 158.0 0.0 339.8

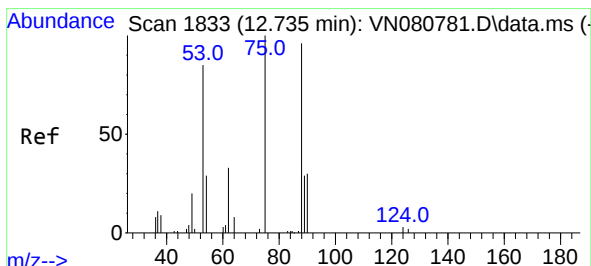
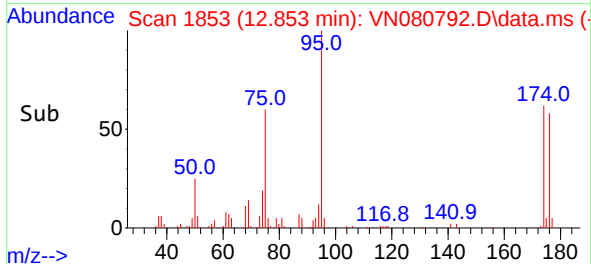
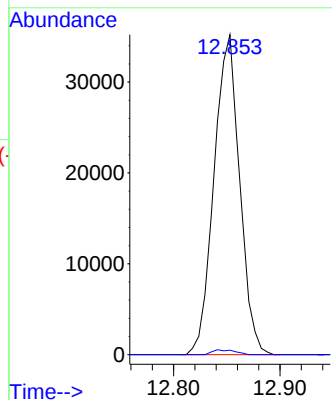
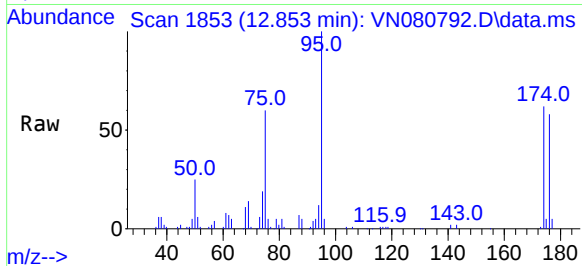




#76
1,2,3-Trichloropropane
Concen: 21.791 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080792.D
Acq: 29 Jan 2024 15:42

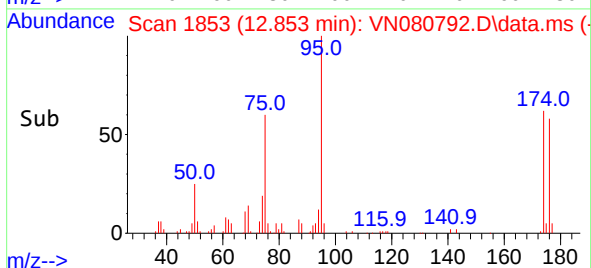
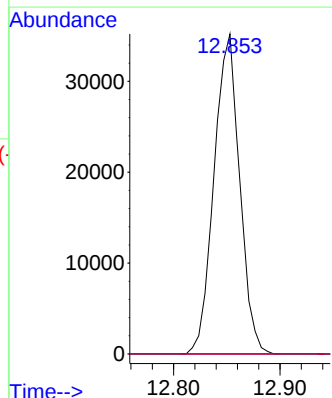
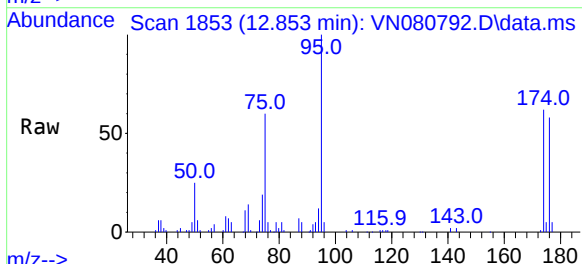
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-505-507

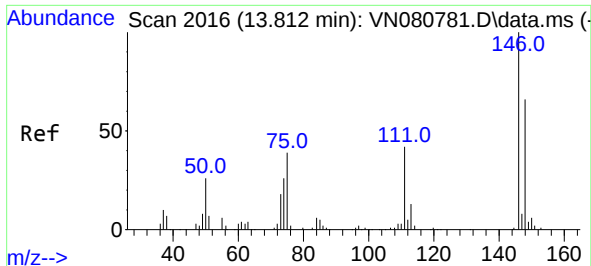
Tgt Ion: 75 Resp: 58766
Ion Ratio Lower Upper
75 100
77 1.3 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.138 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080792.D
Acq: 29 Jan 2024 15:42

Tgt Ion: 75 Resp: 58766
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

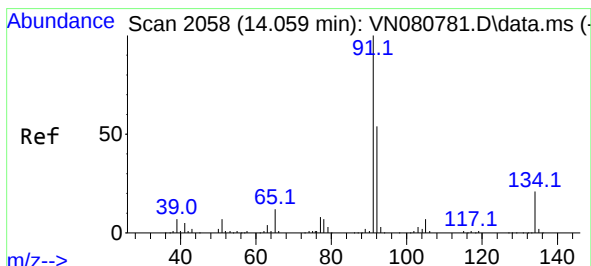
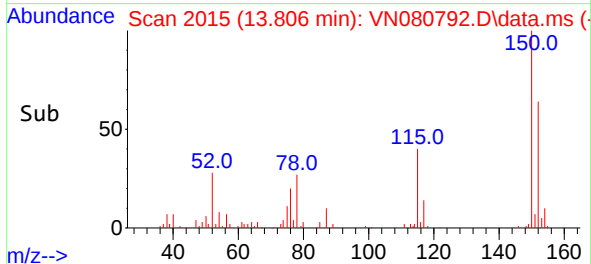
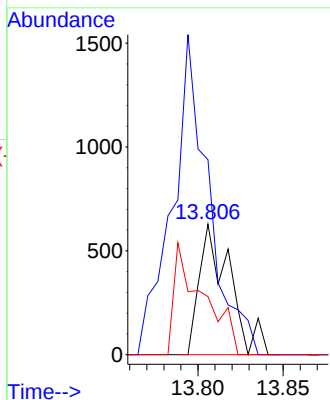
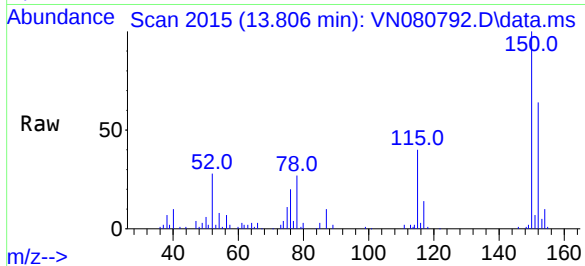




#88
1,4-Dichlorobenzene
Concen: 0.249 ug/l
RT: 13.806 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN080792.D
Acq: 29 Jan 2024 15:42

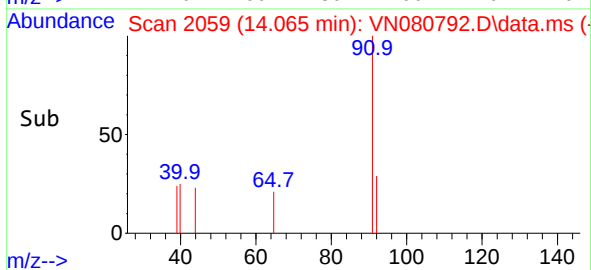
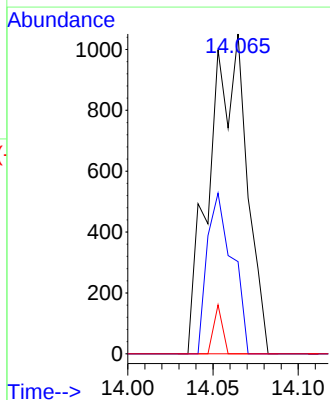
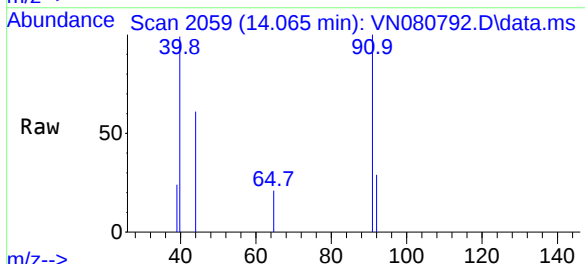
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-505-507

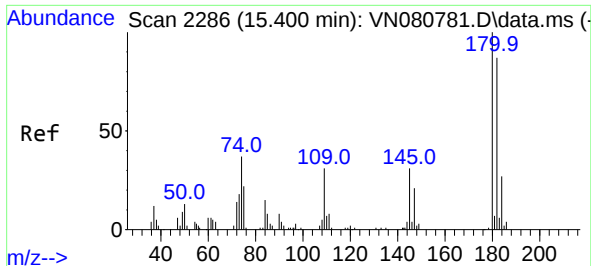
Tgt Ion:146 Resp: 780
Ion Ratio Lower Upper
146 100
111 293.5 22.6 67.7#
148 82.3 31.9 95.5



#89
n-Butylbenzene
Concen: 0.272 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN080792.D
Acq: 29 Jan 2024 15:42

Tgt Ion: 91 Resp: 1589
Ion Ratio Lower Upper
91 100
92 34.2 26.7 80.1
134 3.6 10.8 32.4#





#93

1,2,4-Trichlorobenzene

Concen: 0.530 ug/l

RT: 15.406 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080792.D

Acq: 29 Jan 2024 15:42

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-195-GW-505-507

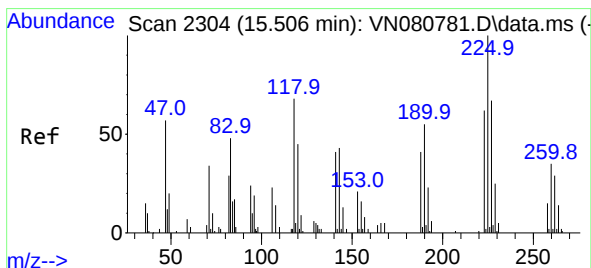
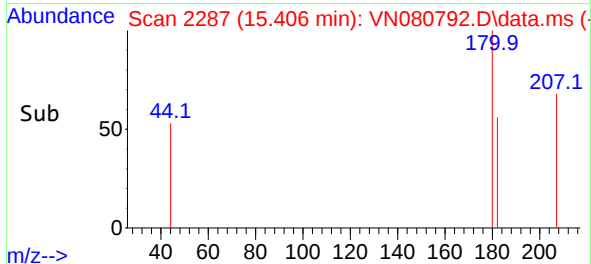
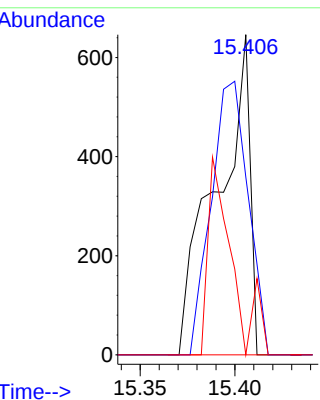
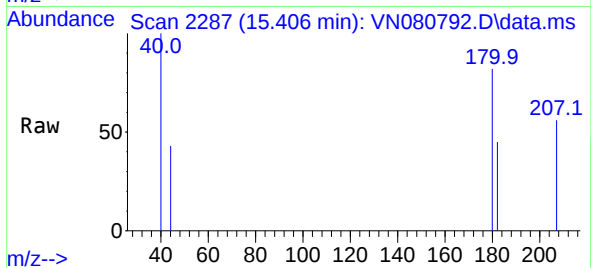
Tgt Ion:180 Resp: 782

Ion Ratio Lower Upper

180 100

182 95.9 46.6 139.7

145 45.1 16.8 50.3



#94

Hexachlorobutadiene

Concen: 0.635 ug/l

RT: 15.512 min Scan# 2305

Delta R.T. 0.006 min

Lab File: VN080792.D

Acq: 29 Jan 2024 15:42

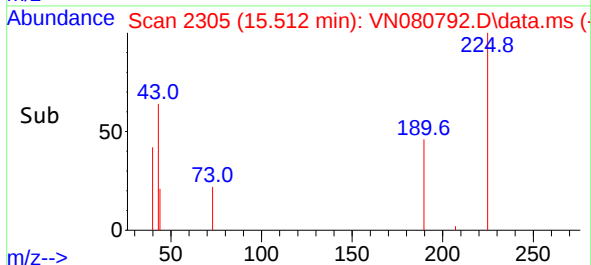
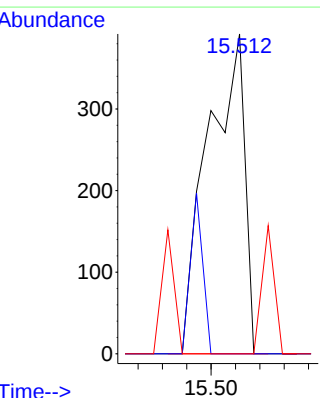
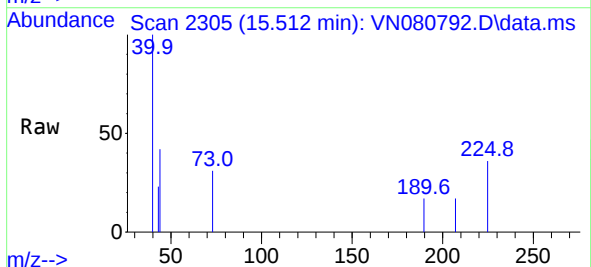
Tgt Ion:225 Resp: 409

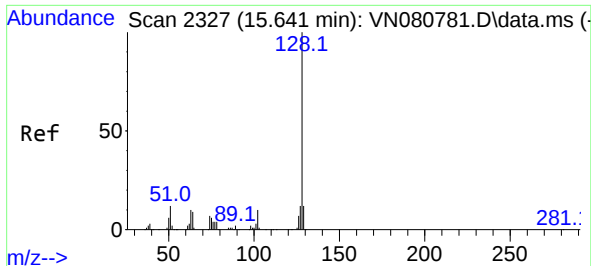
Ion Ratio Lower Upper

225 100

223 0.0 33.3 99.8#

227 13.4 33.1 99.2#

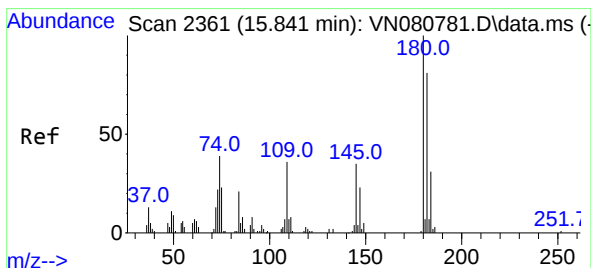
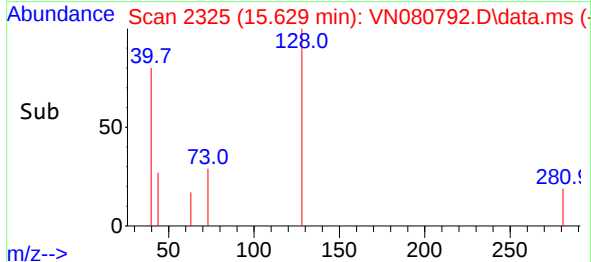
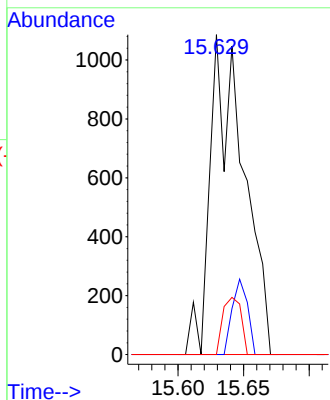
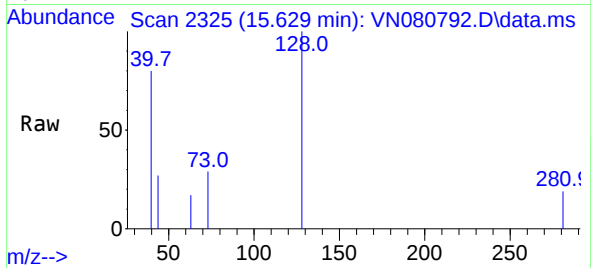




#95
Naphthalene
Concen: 0.341 ug/l
RT: 15.629 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN080792.D
Acq: 29 Jan 2024 15:42

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-505-507

Tgt Ion:	128	Resp:	1924
Ion	Ratio	Lower	Upper
128	100		
127	10.8	10.0	15.0
129	9.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.301 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080792.D
Acq: 29 Jan 2024 15:42

Tgt Ion:	180	Resp:	437
Ion	Ratio	Lower	Upper
180	100		
182	121.3	46.5	139.3
145	25.6	17.8	53.4

