

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080810.D
 Acq On : 30 Jan 2024 13:13
 Operator : JC\MD
 Sample : P1290-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-195-GW-540-542

Quant Time: Jan 31 02:09:26 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	90298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	223543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88650	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	72632	46.495	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.000%
35) Dibromofluoromethane	8.171	113	58221	42.570	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.140%
50) Toluene-d8	10.571	98	238151	44.490	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.980%
62) 4-Bromofluorobenzene	12.853	95	89627	48.049	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.100%

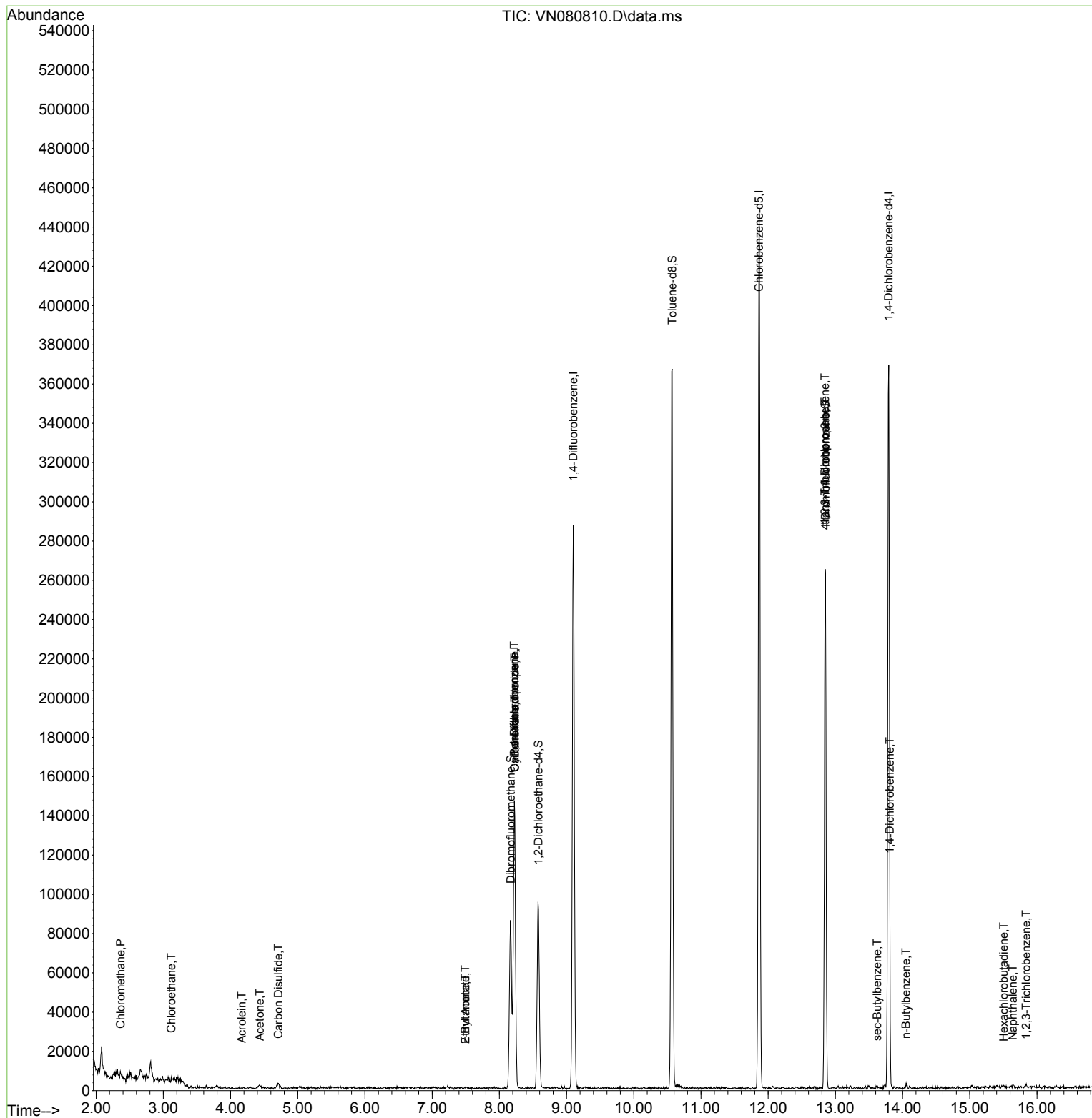
Target Compounds				Qvalue		
3) Chloromethane	2.365	50	2618	1.299	ug/l #	68
6) Chloroethane	3.118	64	1183	1.448	ug/l #	42
13) Acrolein	4.165	56	73	0.227	ug/l #	15
16) Acetone	4.436	43	2888	5.098	ug/l #	62
17) Carbon Disulfide	4.712	76	1456	0.369	ug/l #	78
25) 2-Butanone	7.494	43	606	0.563	ug/l #	51
31) Cyclohexane	8.230	56	3563	1.330	ug/l #	6
36) 1,1-Dichloropropene	8.224	75	10393	4.089	ug/l #	49
37) Ethyl Acetate	7.494	43	606	0.232	ug/l #	85
38) Carbon Tetrachloride	8.230	117	10427	5.091	ug/l #	14
76) 1,2,3-Trichloropropane	12.847	75	53835	20.135	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	53835	51.872	ug/l #	14
85) sec-Butylbenzene	13.623	105	1723	0.226	ug/l #	69
88) 1,4-Dichlorobenzene	13.812	146	786	0.253	ug/l #	1
89) n-Butylbenzene	14.053	91	1751	0.302	ug/l #	80
94) Hexachlorobutadiene	15.506	225	291	0.456	ug/l #	47
95) Naphthalene	15.641	128	1646	0.294	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.841	180	423	0.294	ug/l #	61

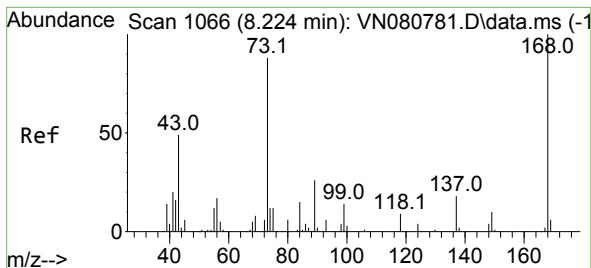
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1

Delta R.T. -0.000 min

Lab File: VN080810.D

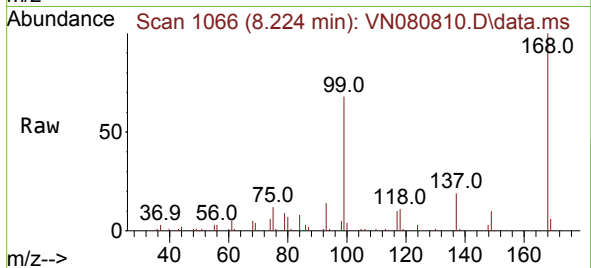
Acq: 30 Jan 2024 13:13

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-195-GW-540-542

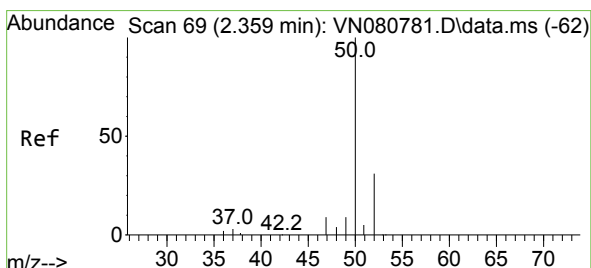
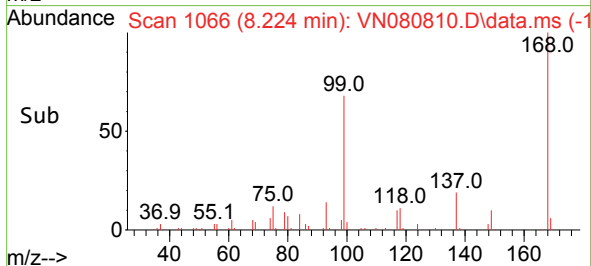
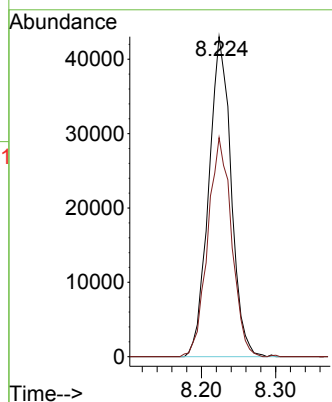


Tgt Ion:168 Resp: 90298

Ion Ratio Lower Upper

168 100

99 68.5 59.9 89.9



#3

Chloromethane

Concen: 1.299 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080810.D

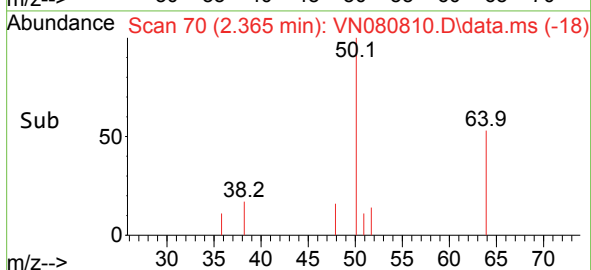
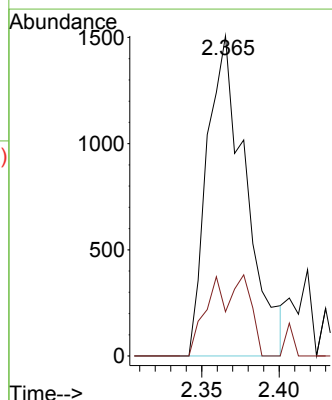
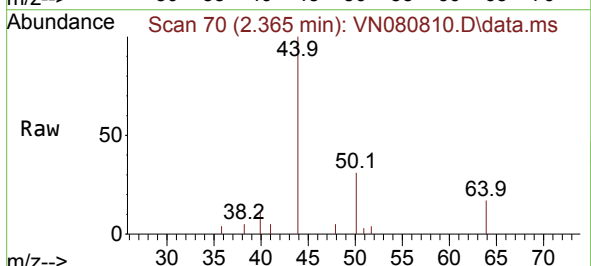
Acq: 30 Jan 2024 13:13

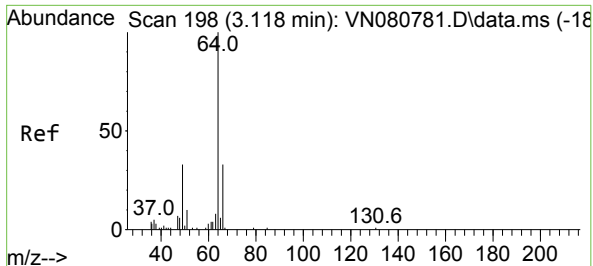
Tgt Ion: 50 Resp: 2618

Ion Ratio Lower Upper

50 100

52 13.8 25.0 37.4#

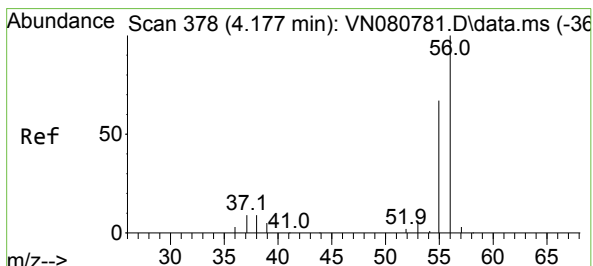
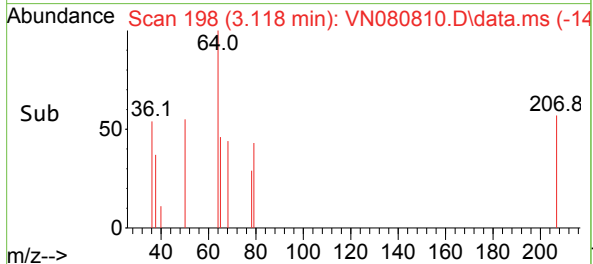
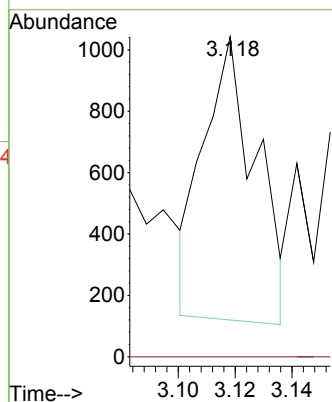
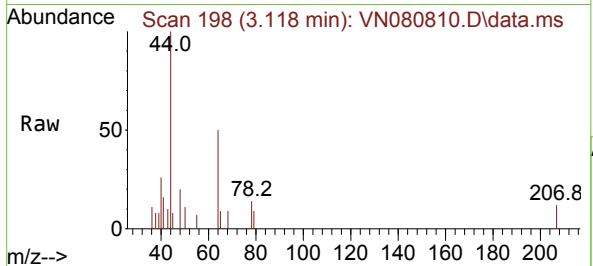




#6
Chloroethane
Concen: 1.448 ug/l
RT: 3.118 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VN080810.D
Acq: 30 Jan 2024 13:13

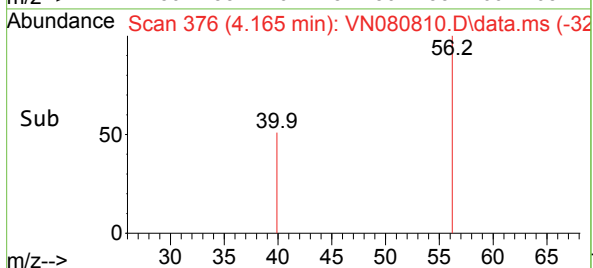
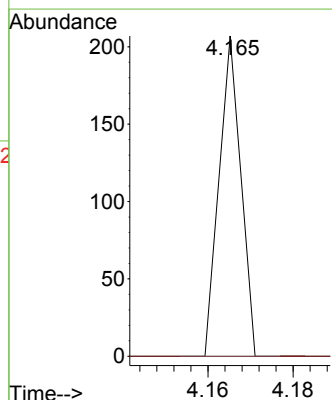
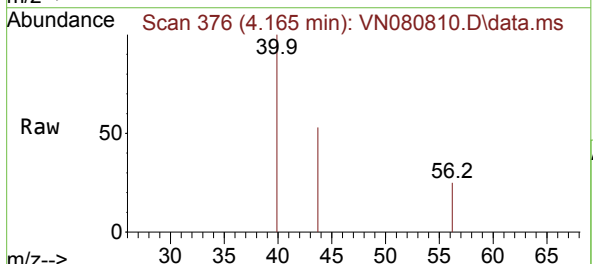
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-540-542

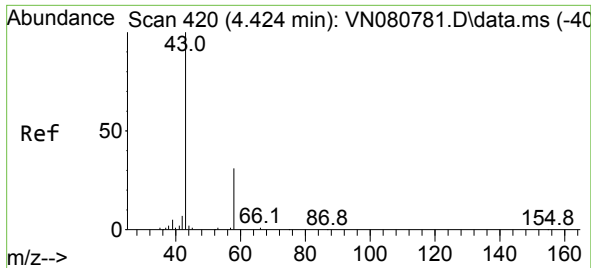
Tgt Ion: 64 Resp: 1183
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#13
Acrolein
Concen: 0.227 ug/l
RT: 4.165 min Scan# 376
Delta R.T. -0.012 min
Lab File: VN080810.D
Acq: 30 Jan 2024 13:13

Tgt Ion: 56 Resp: 73
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#





#16

Acetone

Concen: 5.098 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN080810.D

Acq: 30 Jan 2024 13:13

Instrument :

MSVOA_N

ClientSampleId :

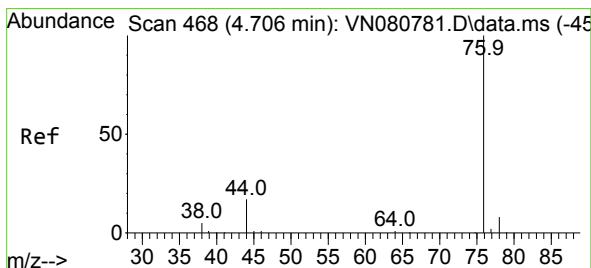
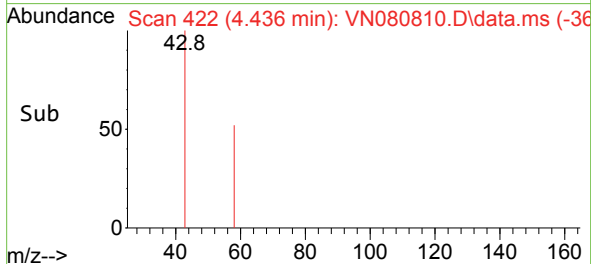
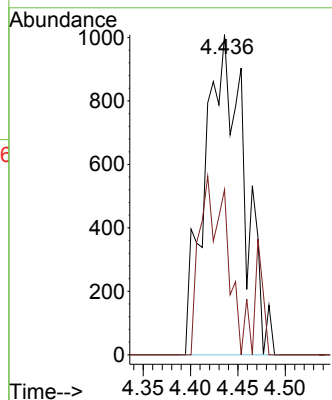
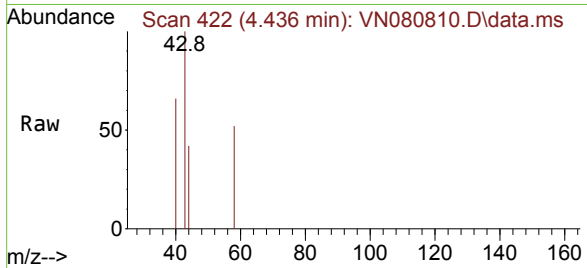
BP-VPB-195-GW-540-542

Tgt Ion: 43 Resp: 2888

Ion Ratio Lower Upper

43 100

58 51.6 24.8 37.2#



#17

Carbon Disulfide

Concen: 0.369 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN080810.D

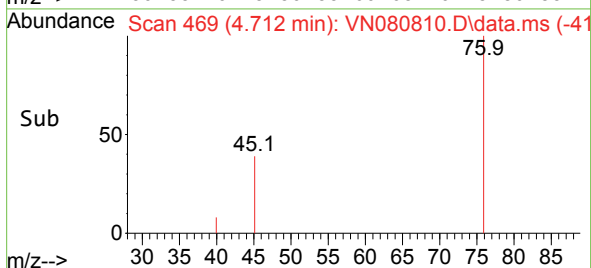
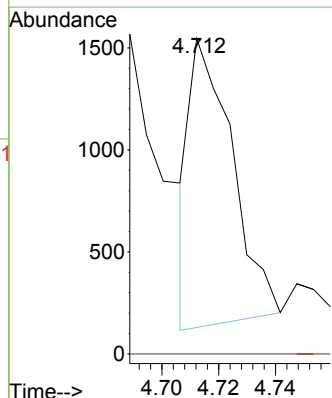
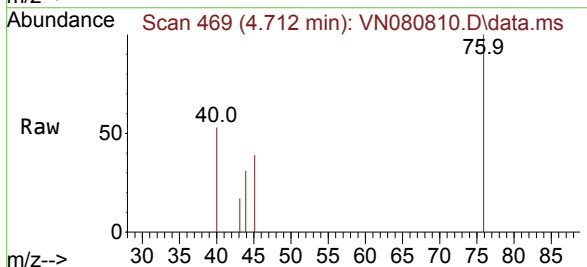
Acq: 30 Jan 2024 13:13

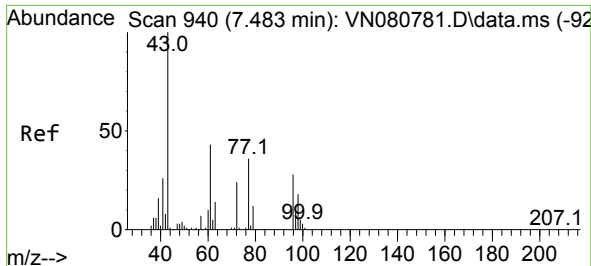
Tgt Ion: 76 Resp: 1456

Ion Ratio Lower Upper

76 100

78 0.0 6.3 9.5#

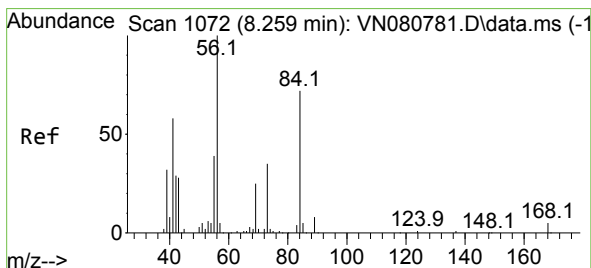
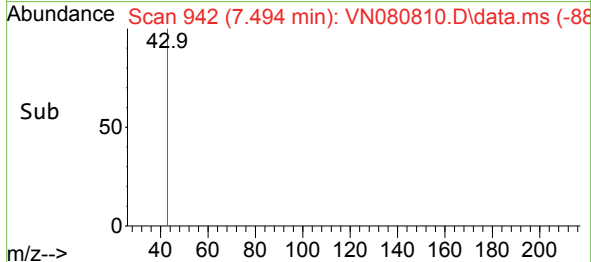
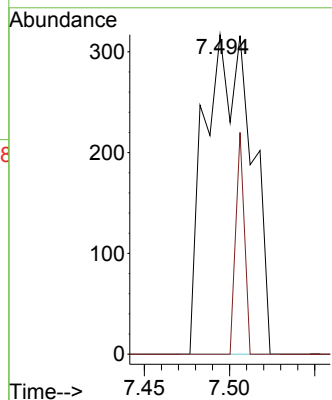
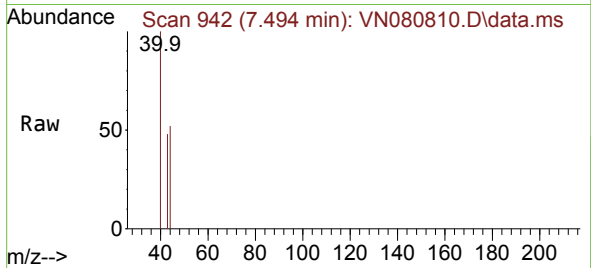




#25
2-Butanone
Concen: 0.563 ug/l
RT: 7.494 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN080810.D
Acq: 30 Jan 2024 13:13

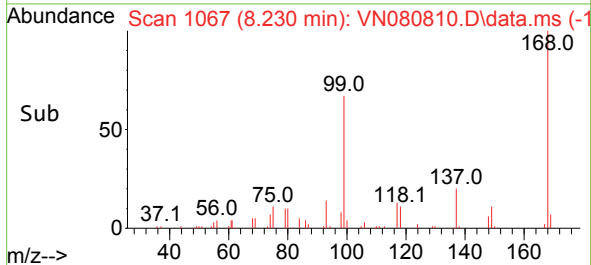
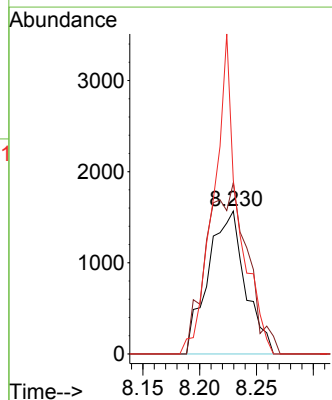
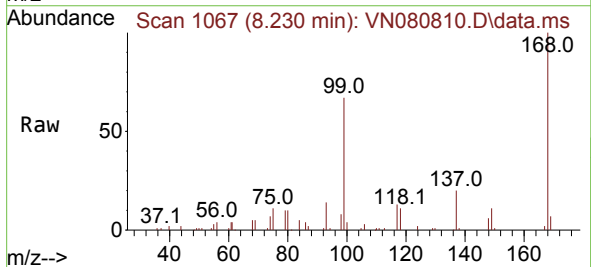
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-540-542

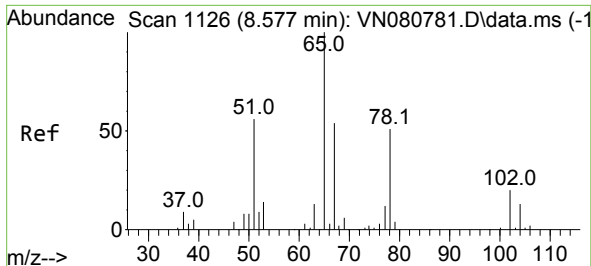
Tgt Ion: 43 Resp: 606
Ion Ratio Lower Upper
43 100
72 0.0 19.5 29.3#



#31
Cyclohexane
Concen: 1.330 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN080810.D
Acq: 30 Jan 2024 13:13

Tgt Ion: 56 Resp: 3563
Ion Ratio Lower Upper
56 100
69 119.8 20.1 30.1#
84 121.4 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 46.495 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080810.D

Acq: 30 Jan 2024 13:13

Instrument :

MSVOA_N

ClientSampleId :

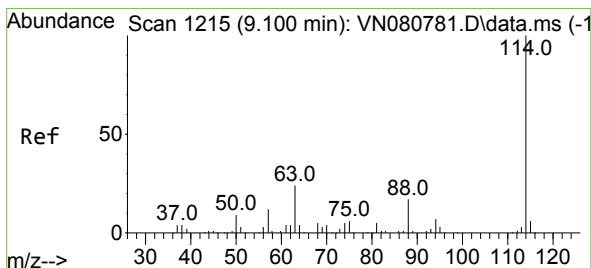
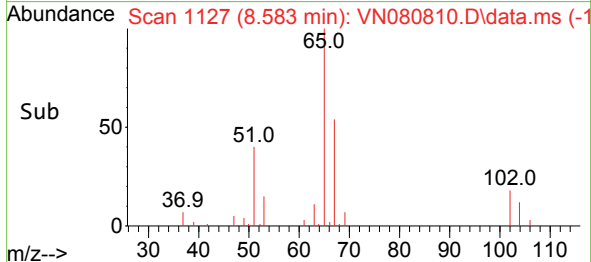
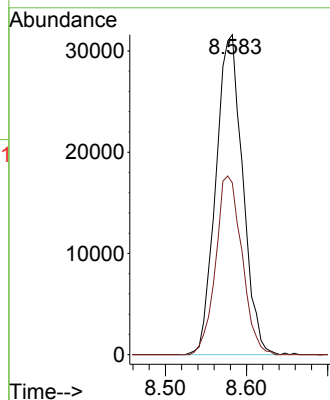
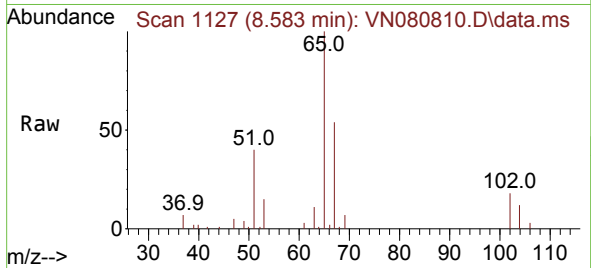
BP-VPB-195-GW-540-542

Tgt Ion: 65 Resp: 72632

Ion Ratio Lower Upper

65 100

67 54.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080810.D

Acq: 30 Jan 2024 13:13

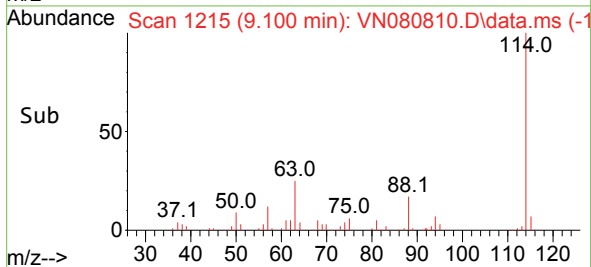
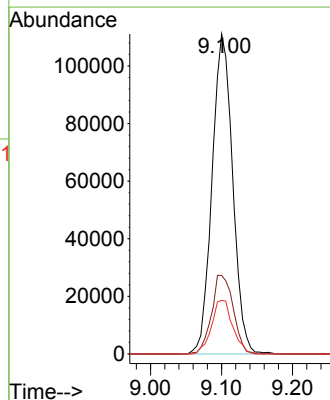
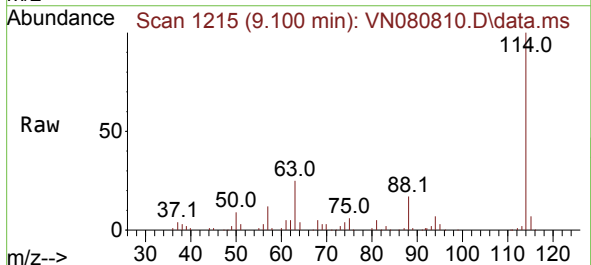
Tgt Ion: 114 Resp: 223543

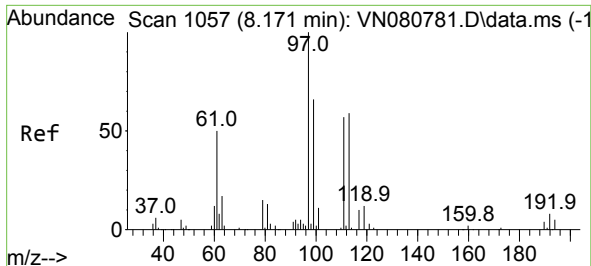
Ion Ratio Lower Upper

114 100

63 24.5 0.0 48.0

88 16.7 0.0 34.8

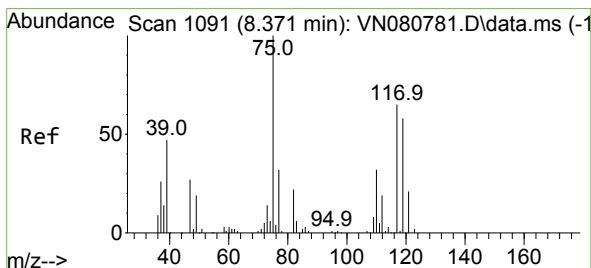
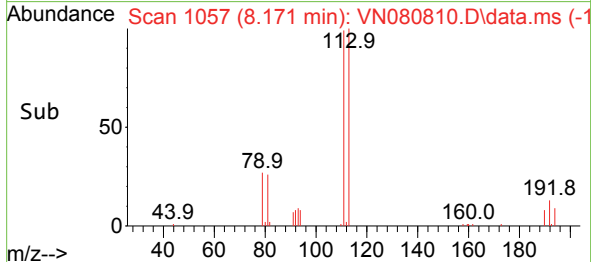
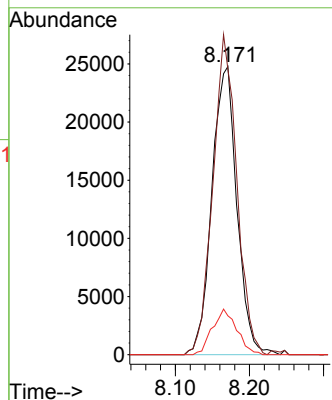
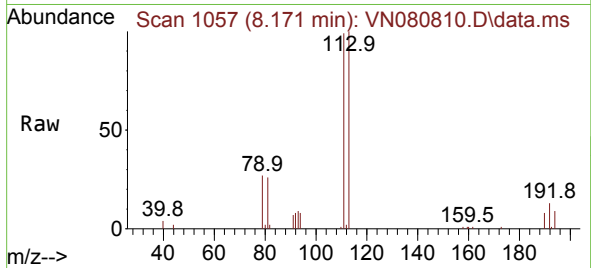




#35
Dibromofluoromethane
Concen: 42.570 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080810.D
Acq: 30 Jan 2024 13:13

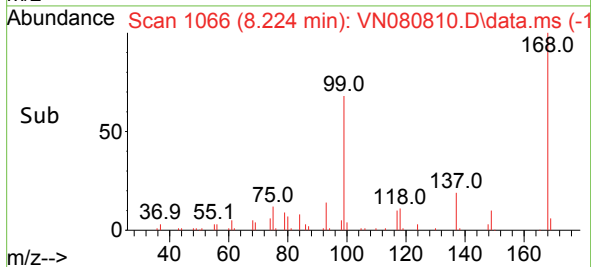
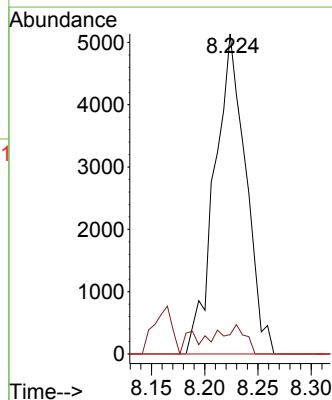
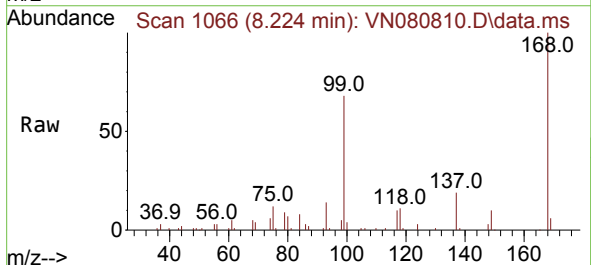
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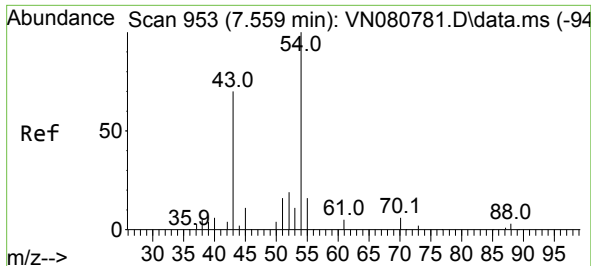
Tgt Ion:113 Resp: 58221
Ion Ratio Lower Upper
113 100
111 106.1 82.2 123.4
192 15.4 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.089 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN080810.D
Acq: 30 Jan 2024 13:13

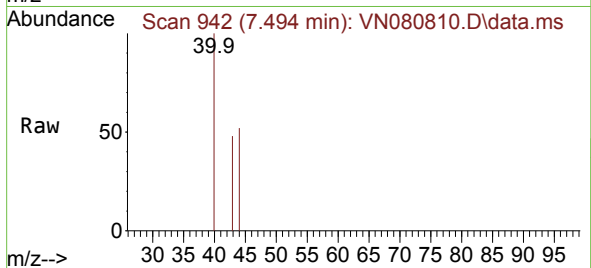
Tgt Ion: 75 Resp: 10393
Ion Ratio Lower Upper
75 100
110 6.9 16.0 48.0#
77 0.0 25.8 38.6#



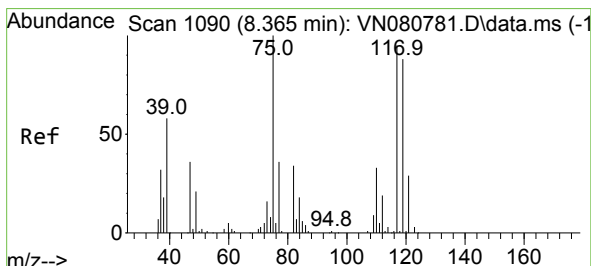
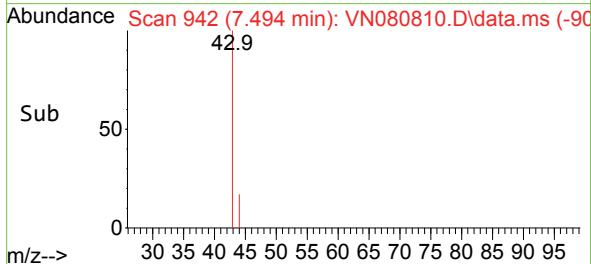
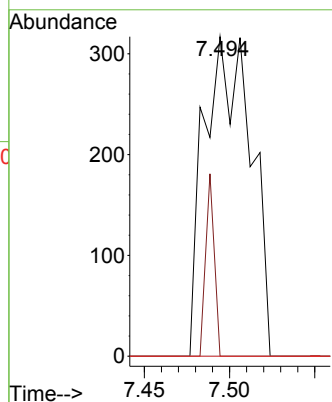


#37
Ethyl Acetate
Concen: 0.232 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.065 min
Lab File: VN080810.D
Acq: 30 Jan 2024 13:13

Instrument :
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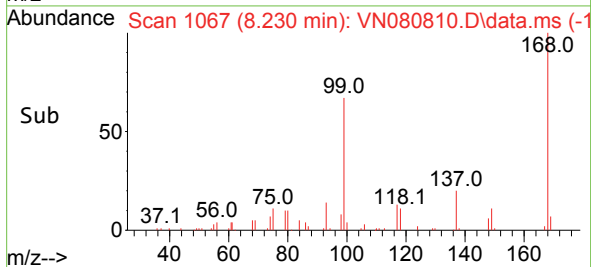
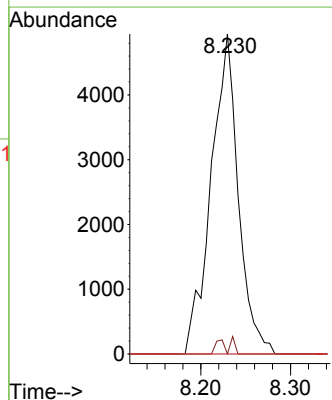
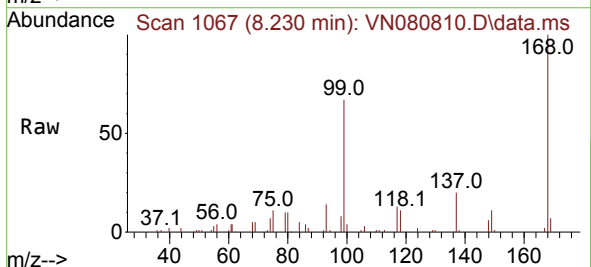


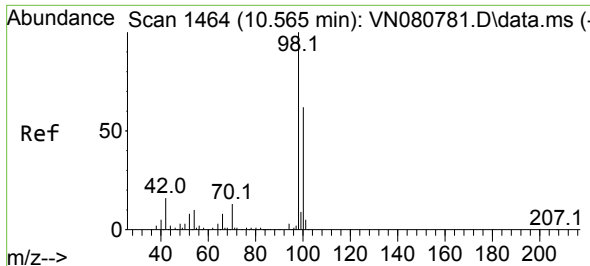
Tgt Ion: 43 Resp: 606
Ion Ratio Lower Upper
43 100
61 10.6 10.6 15.8
70 0.0 8.0 12.0#



#38
Carbon Tetrachloride
Concen: 5.091 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN080810.D
Acq: 30 Jan 2024 13:13

Tgt Ion: 117 Resp: 10427
Ion Ratio Lower Upper
117 100
119 0.0 73.4 110.2#
121 0.0 24.4 36.6#

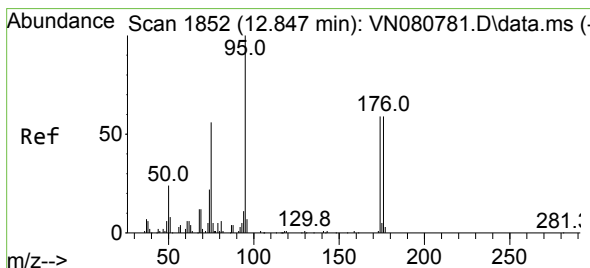
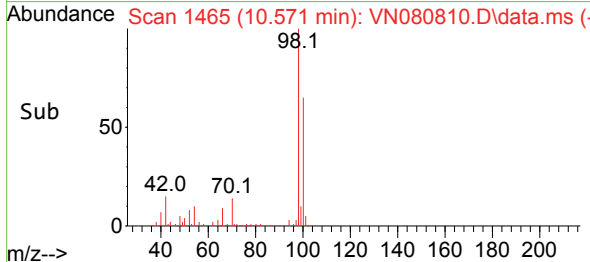
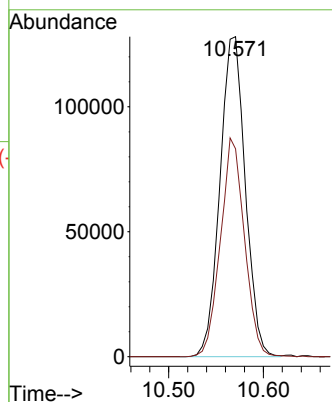
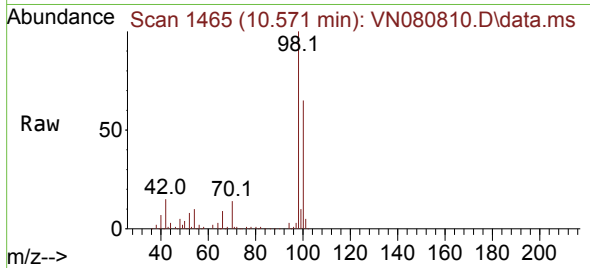




#50
Toluene-d8
Concen: 44.490 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080810.D
Acq: 30 Jan 2024 13:13

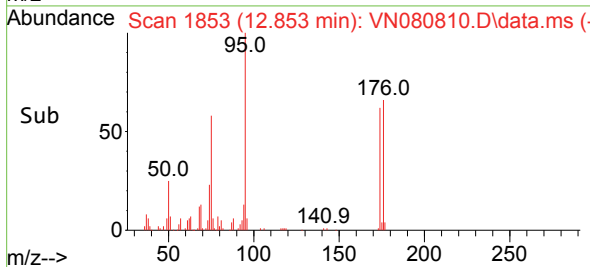
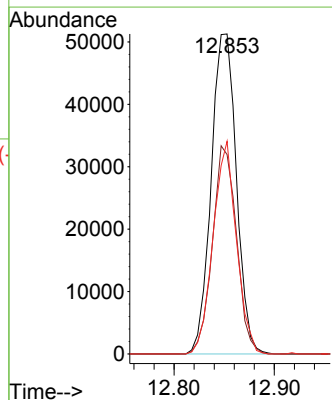
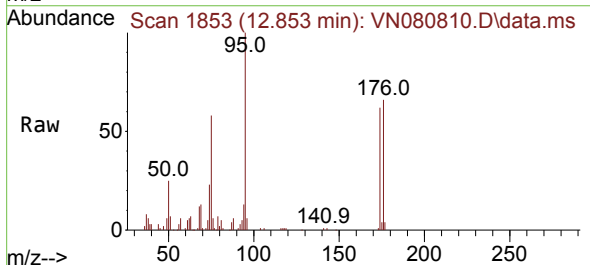
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-540-542

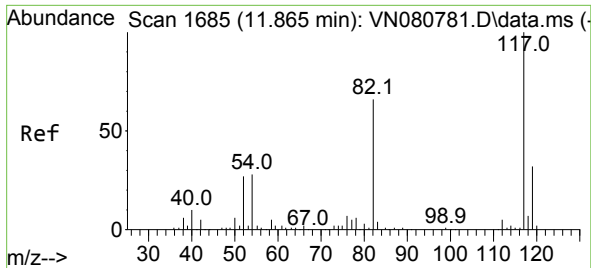
Tgt Ion: 98 Resp: 238151
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 48.049 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080810.D
Acq: 30 Jan 2024 13:13

Tgt Ion: 95 Resp: 89627
Ion Ratio Lower Upper
95 100
174 62.0 0.0 120.4
176 61.5 0.0 121.0

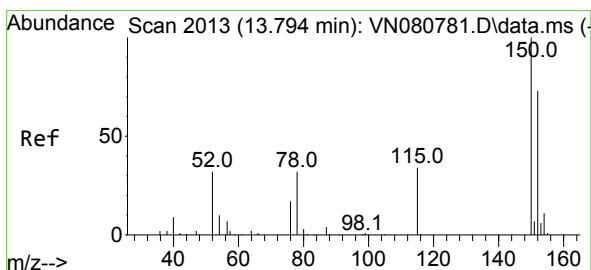
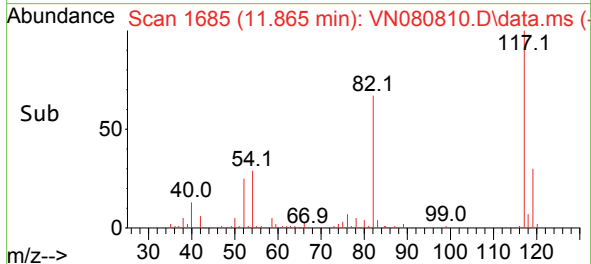
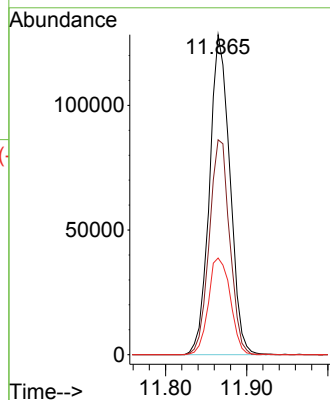
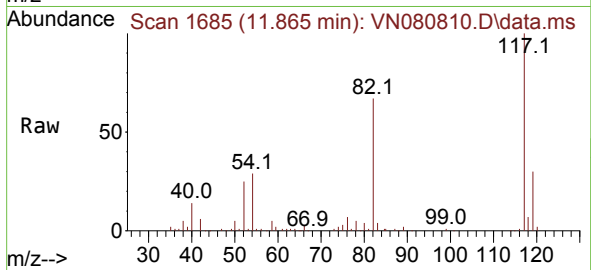




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080810.D
Acq: 30 Jan 2024 13:13

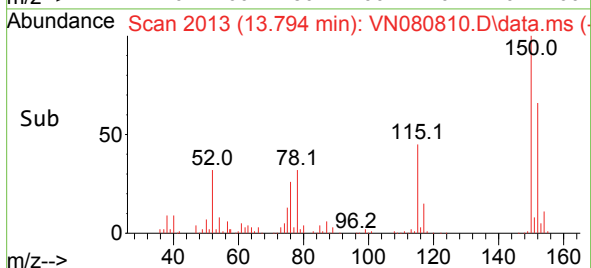
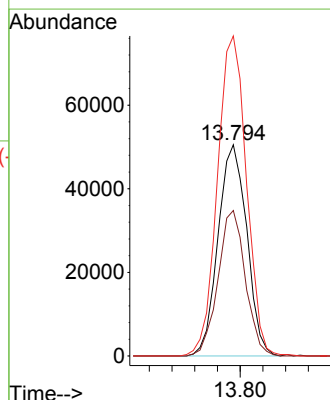
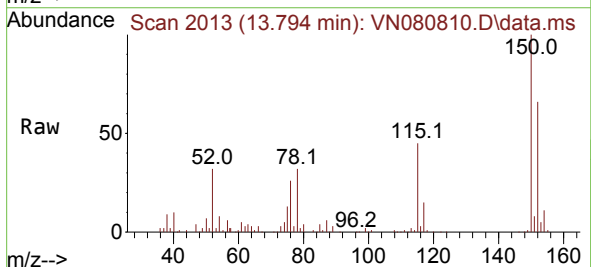
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-540-542

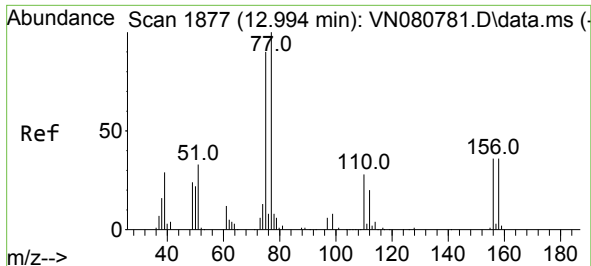
Tgt Ion:117 Resp: 223960
Ion Ratio Lower Upper
117 100
82 67.1 52.7 79.1
119 30.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080810.D
Acq: 30 Jan 2024 13:13

Tgt Ion:152 Resp: 88650
Ion Ratio Lower Upper
152 100
115 65.6 32.3 96.8
150 153.3 0.0 339.8

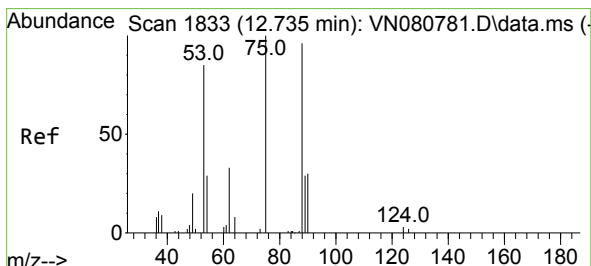
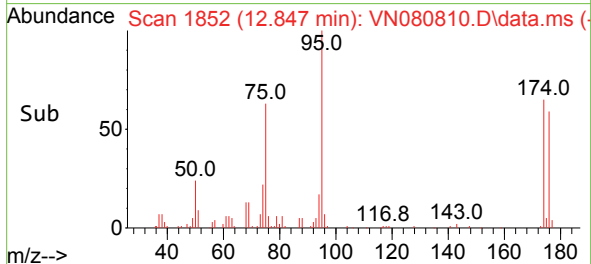
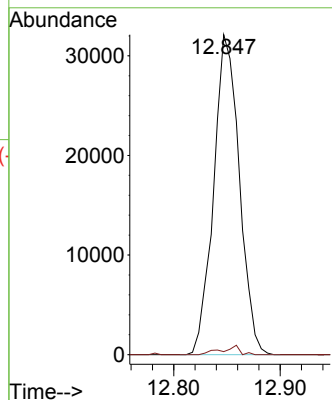
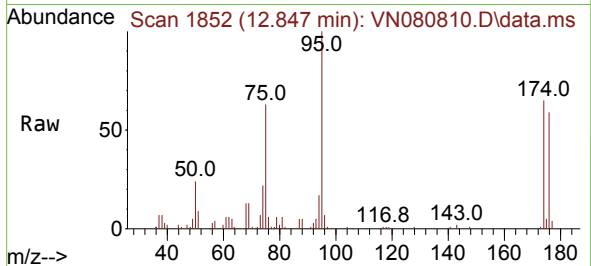




#76
1,2,3-Trichloropropane
Concen: 20.135 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080810.D
Acq: 30 Jan 2024 13:13

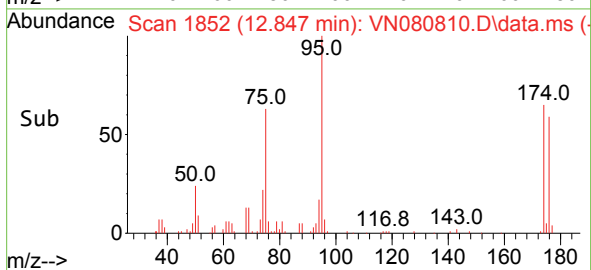
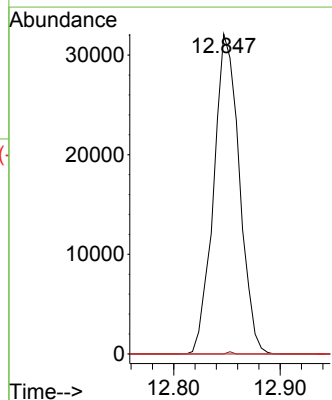
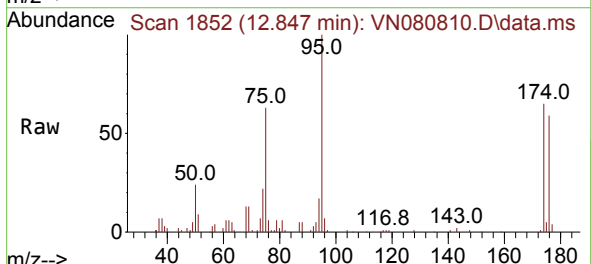
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-540-542

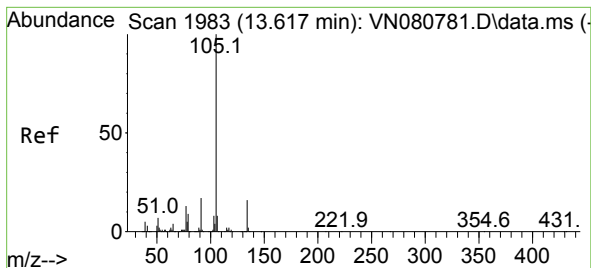
Tgt Ion: 75 Resp: 53835
Ion Ratio Lower Upper
75 100
77 2.0 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.872 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080810.D
Acq: 30 Jan 2024 13:13

Tgt Ion: 75 Resp: 53835
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#





#85

sec-Butylbenzene

Concen: 0.226 ug/l

RT: 13.623 min Scan# 1983

Delta R.T. 0.006 min

Lab File: VN080810.D

Acq: 30 Jan 2024 13:13

Instrument :

MSVOA_N

ClientSampleId :

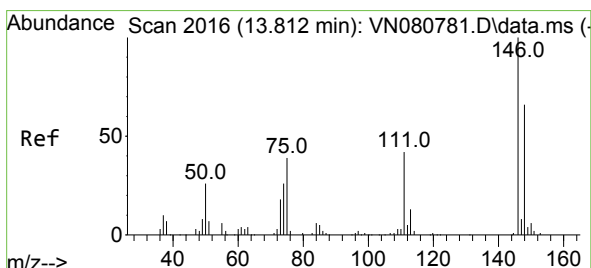
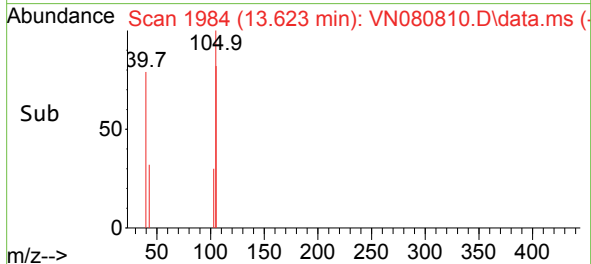
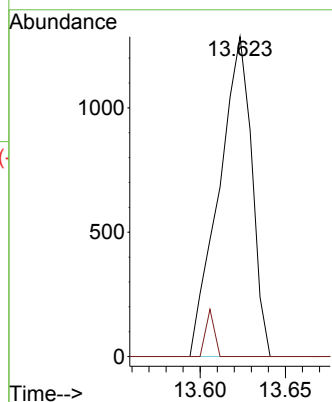
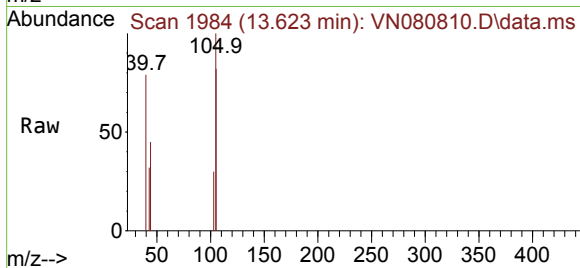
BP-VPB-195-GW-540-542

Tgt Ion:105 Resp: 1723

Ion Ratio Lower Upper

105 100

134 3.9 8.6 25.8#



#88

1,4-Dichlorobenzene

Concen: 0.253 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN080810.D

Acq: 30 Jan 2024 13:13

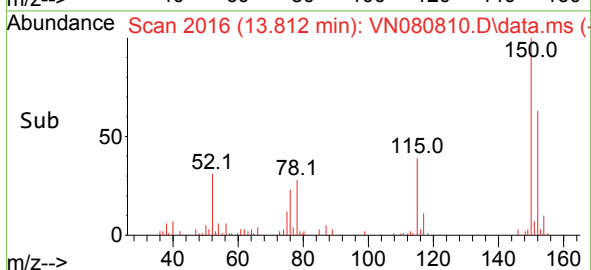
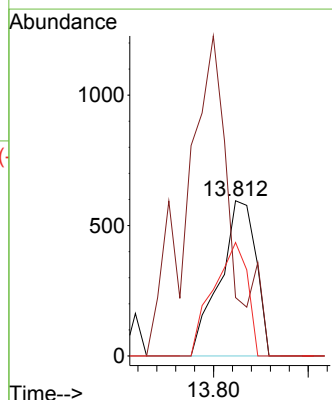
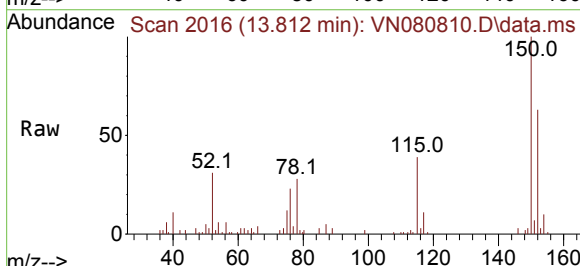
Tgt Ion:146 Resp: 786

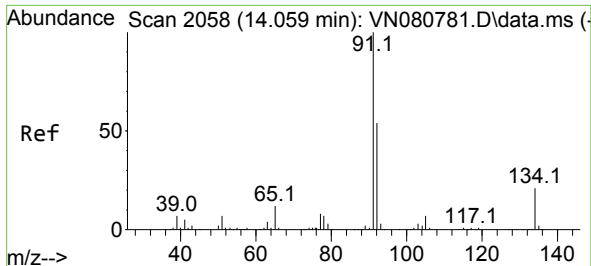
Ion Ratio Lower Upper

146 100

111 251.4 22.6 67.7#

148 69.6 31.9 95.5

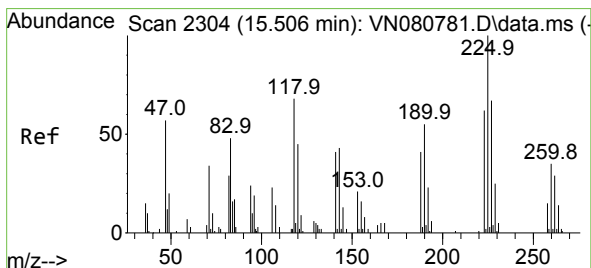
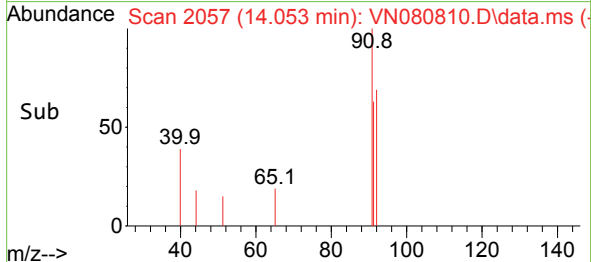
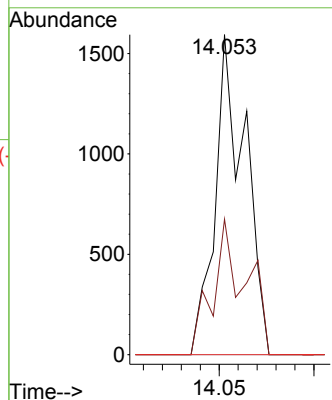
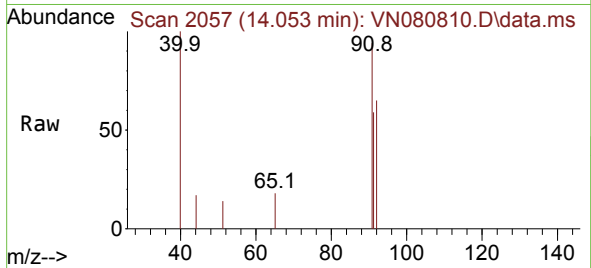




#89
n-Butylbenzene
Concen: 0.302 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN080810.D
Acq: 30 Jan 2024 13:13

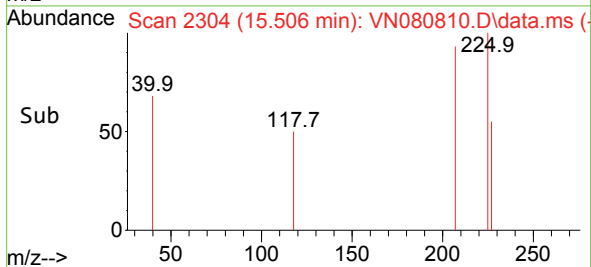
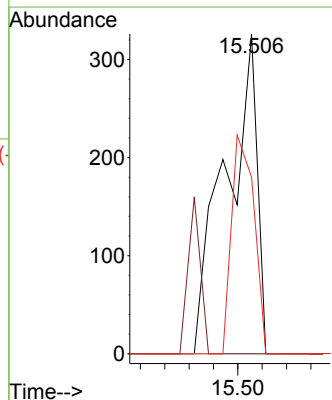
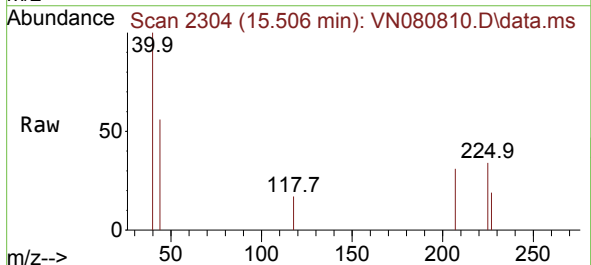
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-540-542

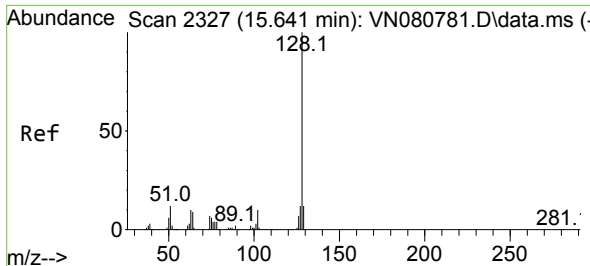
Tgt Ion: 91	Resp:	1751
Ion	Ratio	Lower Upper
91	100	
92	46.3	26.7 80.1
134	0.0	10.8 32.4#



#94
Hexachlorobutadiene
Concen: 0.456 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN080810.D
Acq: 30 Jan 2024 13:13

Tgt Ion: 225	Resp:	291
Ion	Ratio	Lower Upper
225	100	
223	0.0	33.3 99.8#
227	48.8	33.1 99.2

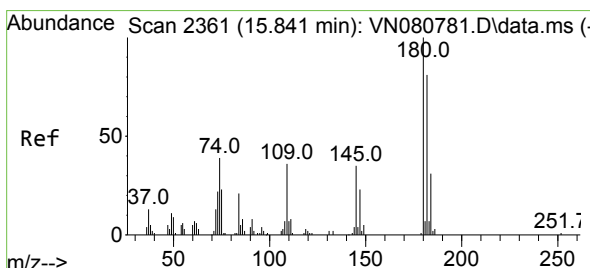
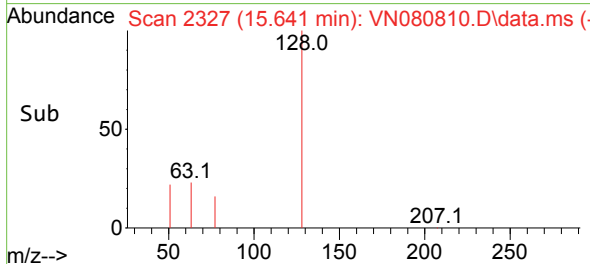
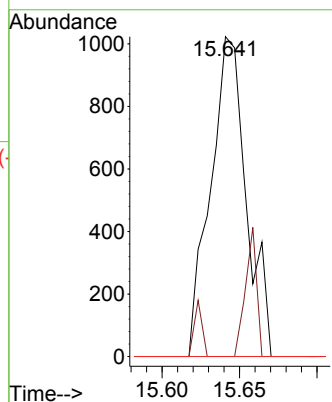
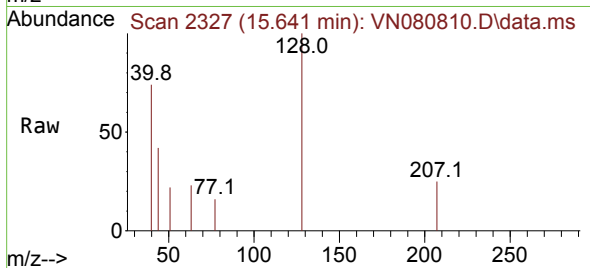




#95
Naphthalene
Concen: 0.294 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080810.D
Acq: 30 Jan 2024 13:13

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-GW-540-542

Tgt Ion:128 Resp: 1646
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.294 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080810.D
Acq: 30 Jan 2024 13:13

Tgt Ion:180 Resp: 423
Ion Ratio Lower Upper
180 100
182 121.7 46.5 139.3
145 0.0 17.8 53.4#

