

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080816.D
 Acq On : 30 Jan 2024 15:36
 Operator : JC\MD
 Sample : P1288-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-191-GW-598-600

Quant Time: Jan 31 02:12:40 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)

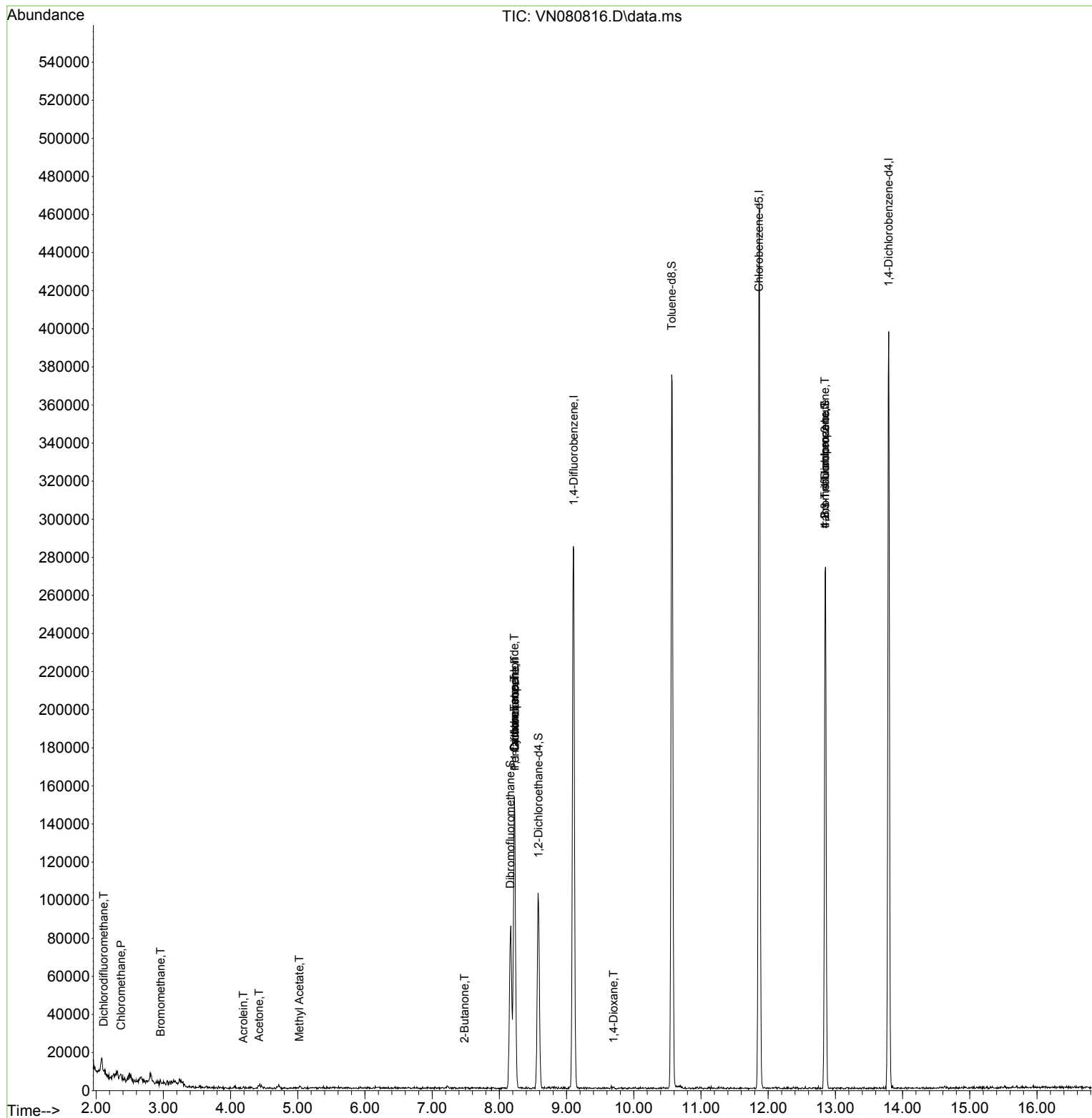
Internal Standards						
1) Pentafluorobenzene	8.229	168	95631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	230655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	234483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	78292	47.324	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.640%		
35) Dibromofluoromethane	8.165	113	58221	41.258	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	82.520%		
50) Toluene-d8	10.565	98	248931	45.070	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.140%		
62) 4-Bromofluorobenzene	12.847	95	95260	49.494	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.980%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.112	85	1060	0.746	ug/l #	44
3) Chloromethane	2.371	50	1663	0.779	ug/l #	79
5) Bromomethane	2.959	94	130	0.200	ug/l #	6
13) Acrolein	4.188	56	176	0.518	ug/l #	15
16) Acetone	4.424	43	1963	3.272	ug/l #	87
18) Methyl Acetate	5.024	43	1048	0.501	ug/l #	54
25) 2-Butanone	7.482	43	556	0.488	ug/l #	51
31) Cyclohexane	8.223	56	3828	1.349	ug/l #	51
36) 1,1-Dichloropropene	8.229	75	10391	3.962	ug/l #	46
38) Carbon Tetrachloride	8.223	117	12448	5.890	ug/l #	14
49) 1,4-Dioxane	9.700	88	149	5.190	ug/l #	52
76) 1,2,3-Trichloropropane	12.847	75	54290	20.081	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	54290	51.732	ug/l #	14

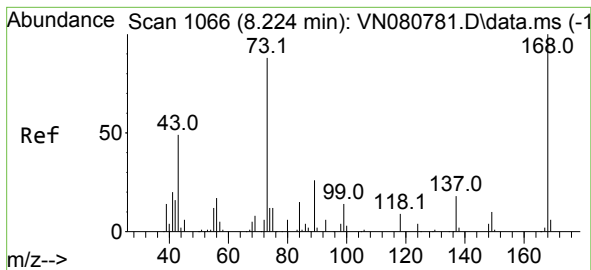
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-191-GW-598-600

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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: 8.229 min Scan# 10

Delta R.T. 0.005 min

Lab File: VN080816.D

Acq: 30 Jan 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

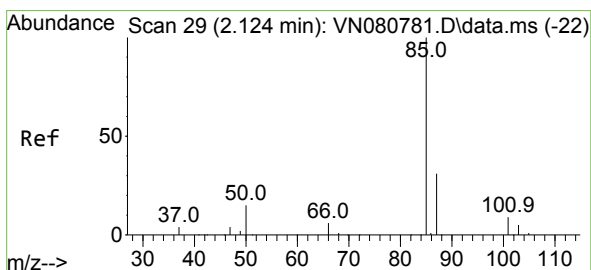
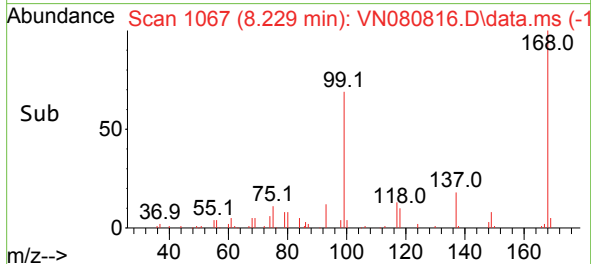
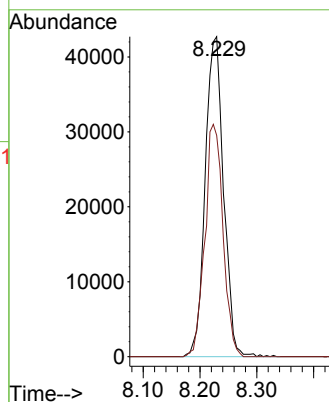
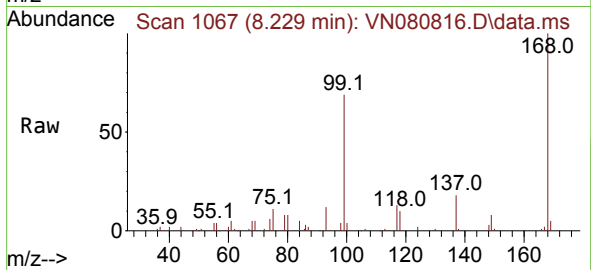
BP-VPB-191-GW-598-600

Tgt Ion:168 Resp: 95631

Ion Ratio Lower Upper

168 100

99 69.2 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 0.746 ug/l

RT: 2.112 min Scan# 27

Delta R.T. -0.012 min

Lab File: VN080816.D

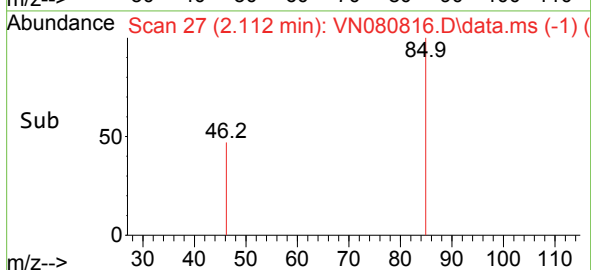
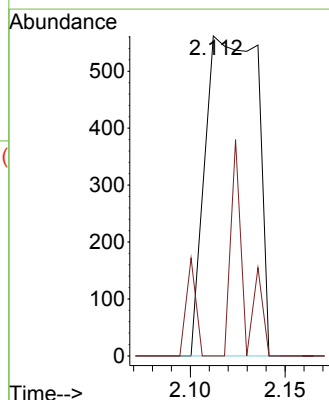
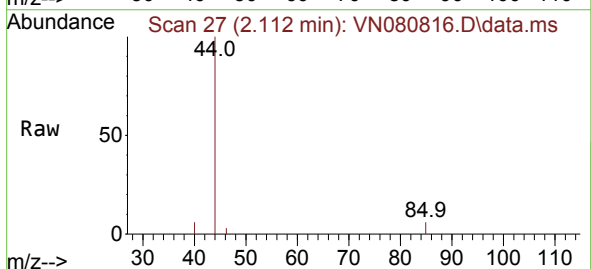
Acq: 30 Jan 2024 15:36

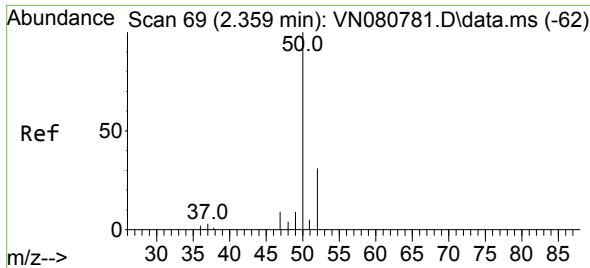
Tgt Ion: 85 Resp: 1060

Ion Ratio Lower Upper

85 100

87 0.0 15.3 45.9#

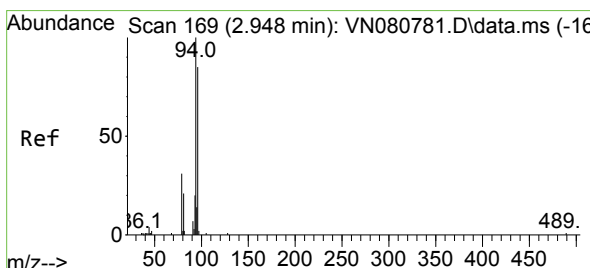
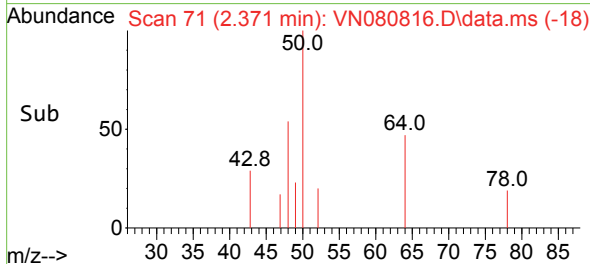
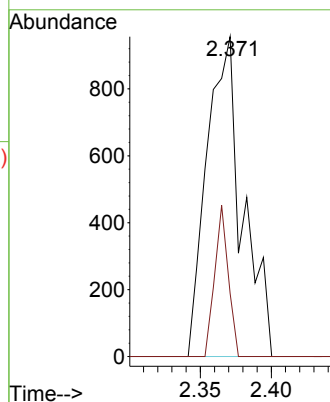
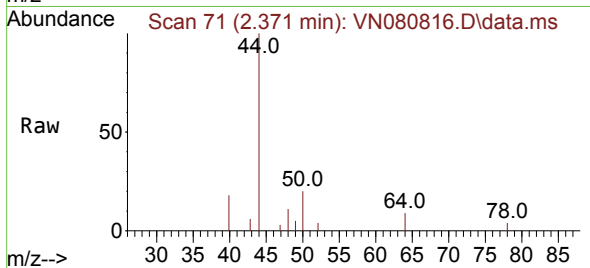




#3
Chloromethane
Concen: 0.779 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN080816.D
Acq: 30 Jan 2024 15:36

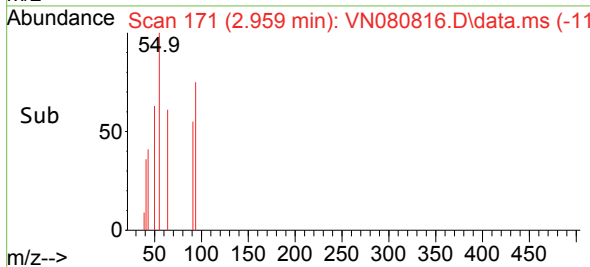
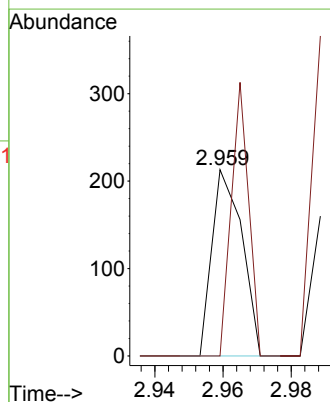
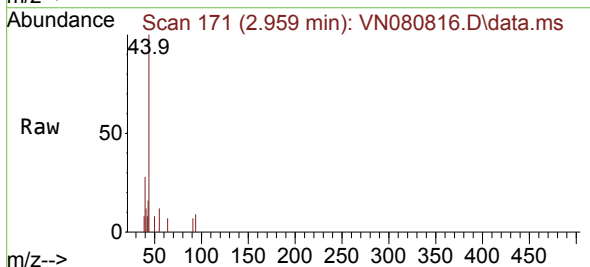
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-191-GW-598-600

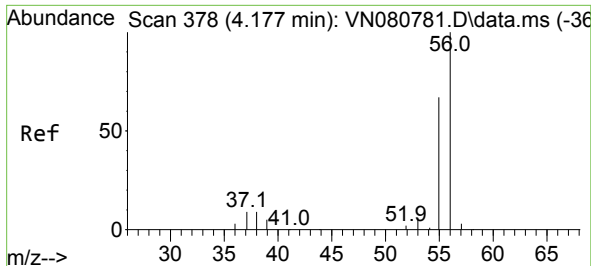
Tgt Ion: 50 Resp: 1663
Ion Ratio Lower Upper
50 100
52 19.8 25.0 37.4#



#5
Bromomethane
Concen: 0.200 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.012 min
Lab File: VN080816.D
Acq: 30 Jan 2024 15:36

Tgt Ion: 94 Resp: 130
Ion Ratio Lower Upper
94 100
96 0.0 69.2 103.8#

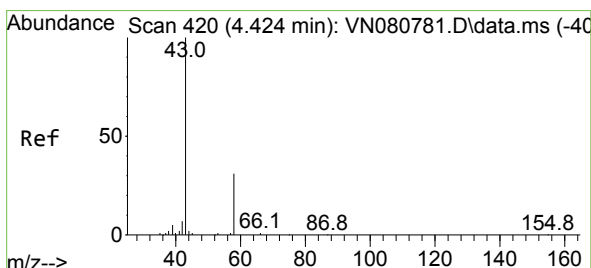
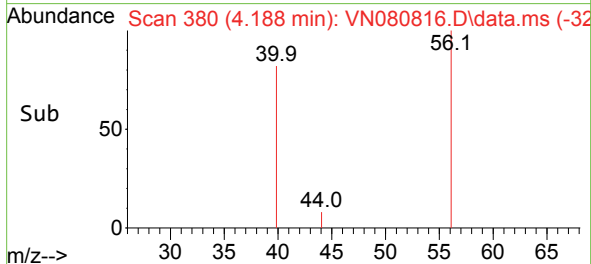
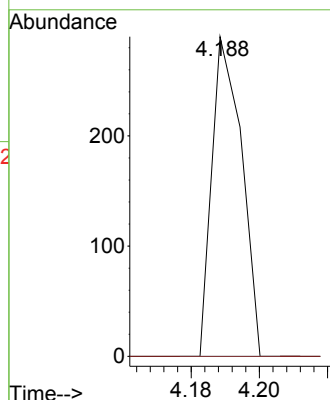
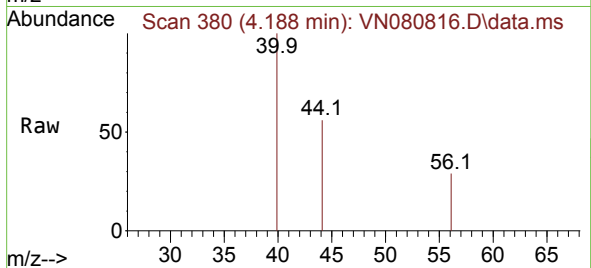




#13
Acrolein
Concen: 0.518 ug/l
RT: 4.188 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN080816.D
Acq: 30 Jan 2024 15:36

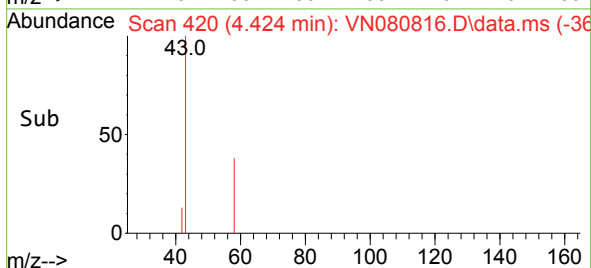
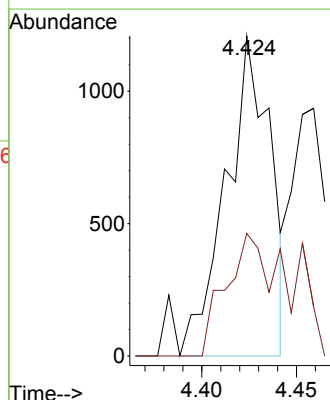
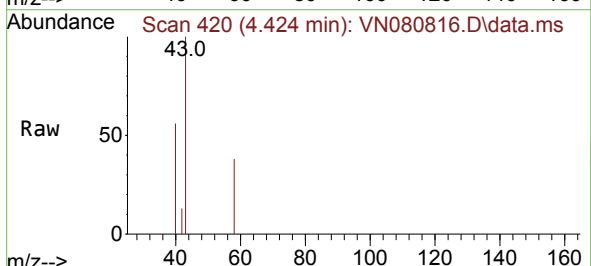
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-191-GW-598-600

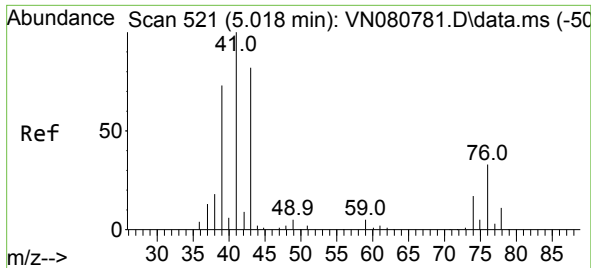
Tgt Ion: 56 Resp: 176
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#



#16
Acetone
Concen: 3.272 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080816.D
Acq: 30 Jan 2024 15:36

Tgt Ion: 43 Resp: 1963
Ion Ratio Lower Upper
43 100
58 38.3 24.8 37.2#

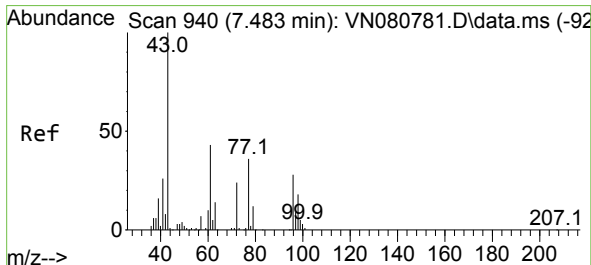
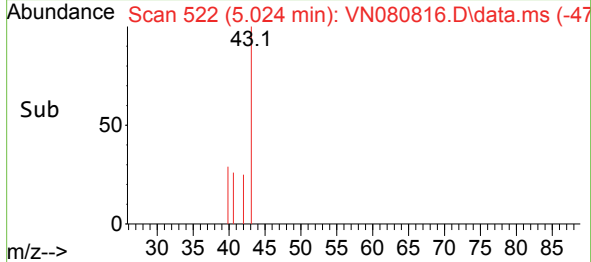
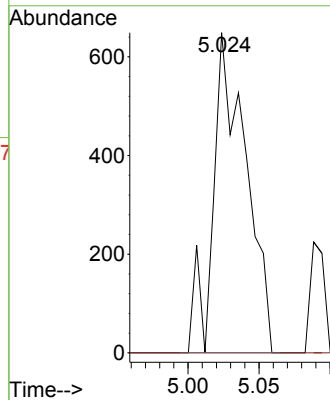
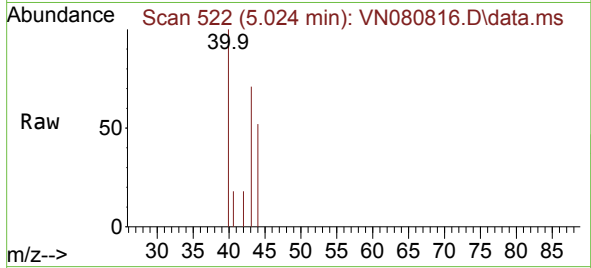




#18
Methyl Acetate
Concen: 0.501 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080816.D
Acq: 30 Jan 2024 15:36

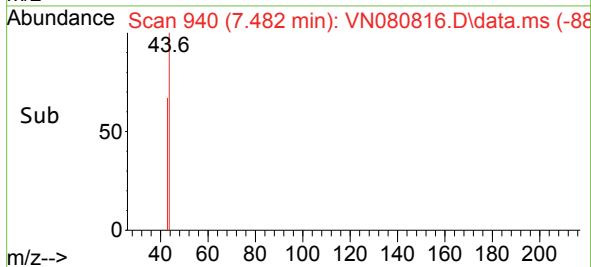
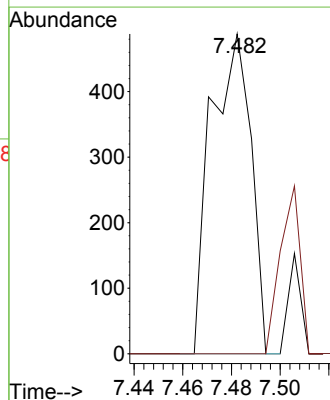
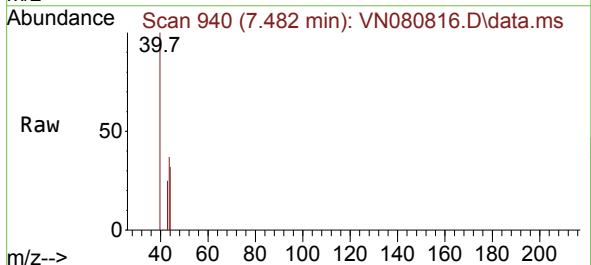
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-191-GW-598-600

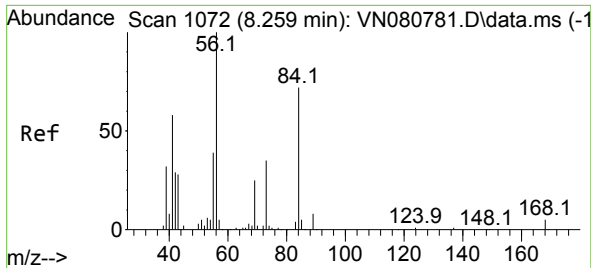
Tgt Ion: 43 Resp: 1048
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#



#25
2-Butanone
Concen: 0.488 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080816.D
Acq: 30 Jan 2024 15:36

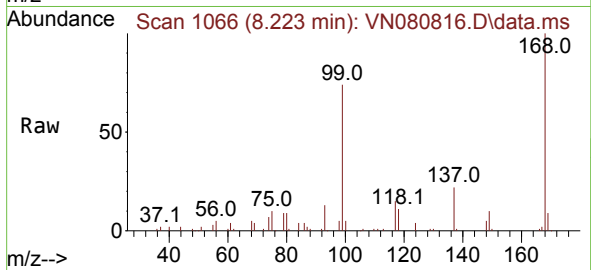
Tgt Ion: 43 Resp: 556
Ion Ratio Lower Upper
43 100
72 0.0 19.5 29.3#



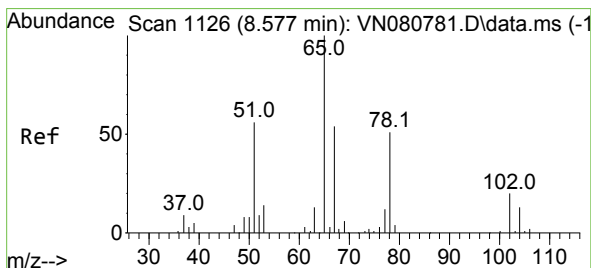
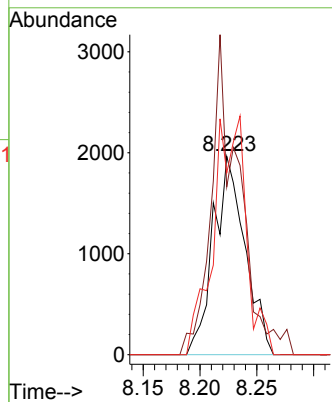
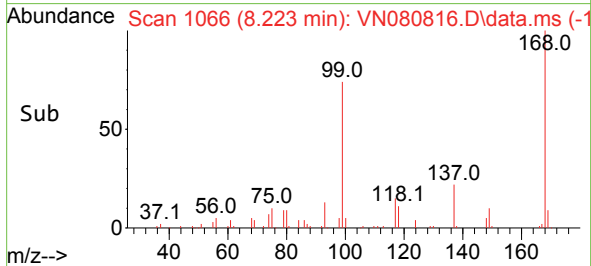


#31
Cyclohexane
Concen: 1.349 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080816.D
Acq: 30 Jan 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-191-GW-598-600

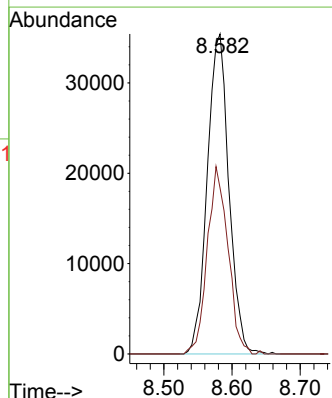
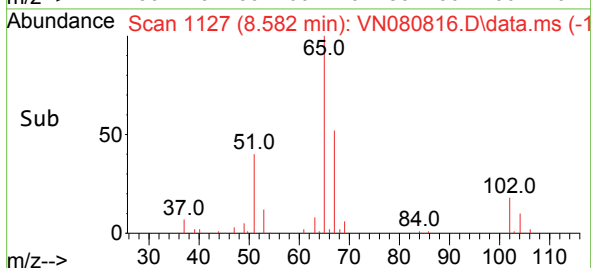
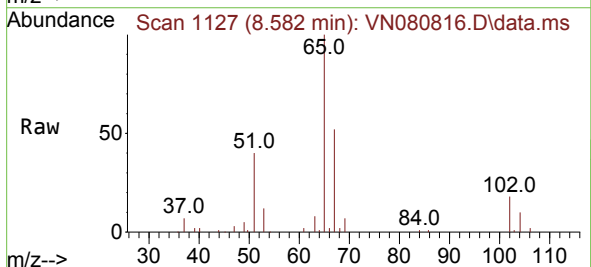


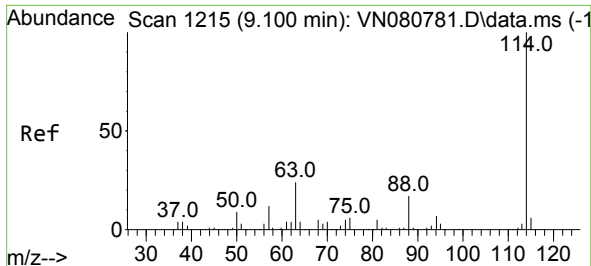
Tgt Ion: 56 Resp: 3828
Ion Ratio Lower Upper
56 100
69 84.7 20.1 30.1#
84 91.8 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 47.324 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080816.D
Acq: 30 Jan 2024 15:36

Tgt Ion: 65 Resp: 78292
Ion Ratio Lower Upper
65 100
67 56.0 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080816.D

Acq: 30 Jan 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-191-GW-598-600

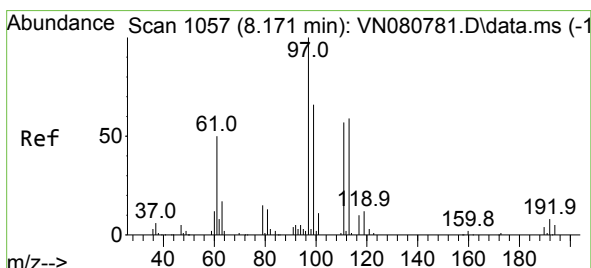
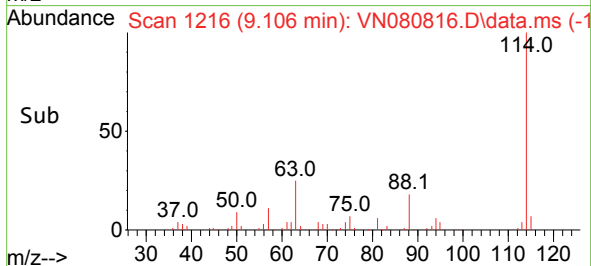
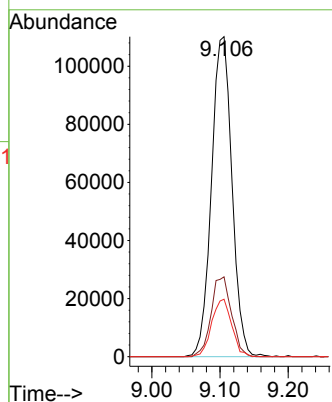
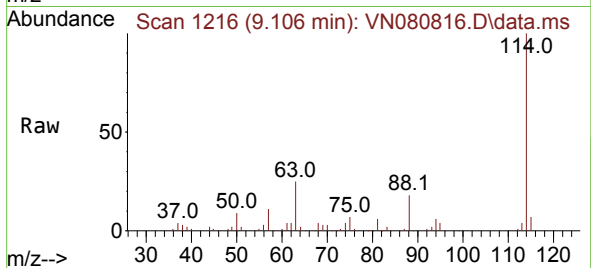
Tgt Ion:114 Resp: 230655

Ion Ratio Lower Upper

114 100

63 24.9 0.0 48.0

88 17.9 0.0 34.8



#35

Dibromofluoromethane

Concen: 41.258 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080816.D

Acq: 30 Jan 2024 15:36

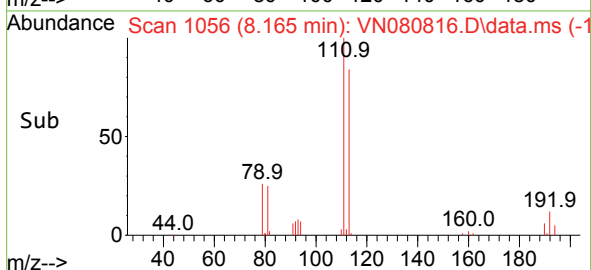
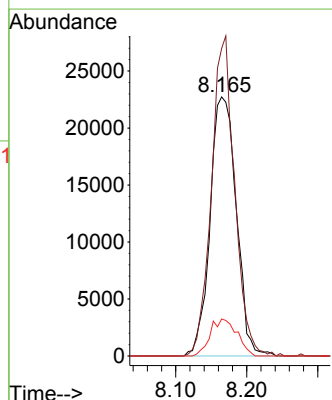
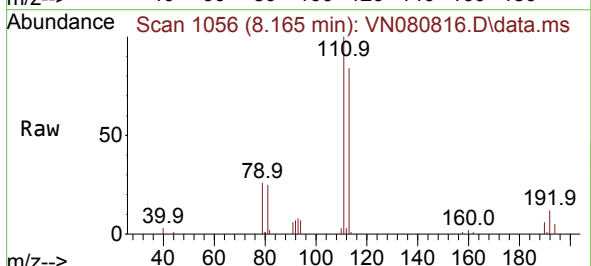
Tgt Ion:113 Resp: 58221

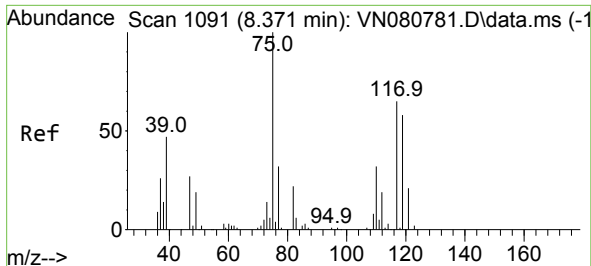
Ion Ratio Lower Upper

113 100

111 109.5 82.2 123.4

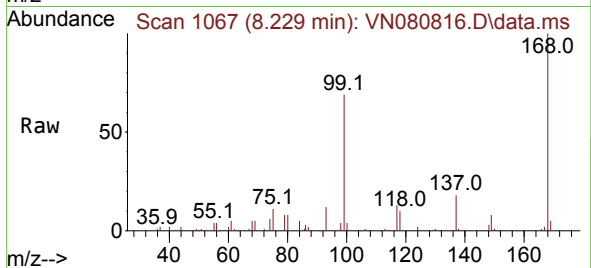
192 14.6 12.5 18.7



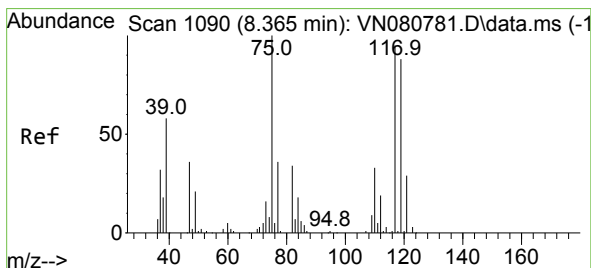
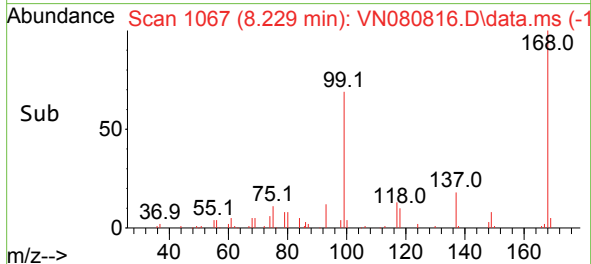
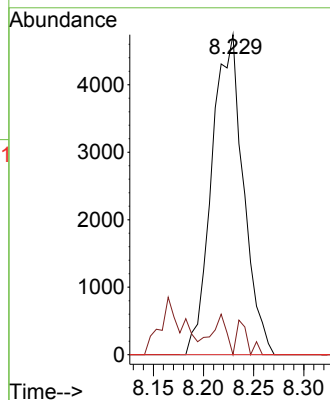


#36
1,1-Dichloropropene
Concen: 3.962 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN080816.D
Acq: 30 Jan 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-191-GW-598-600

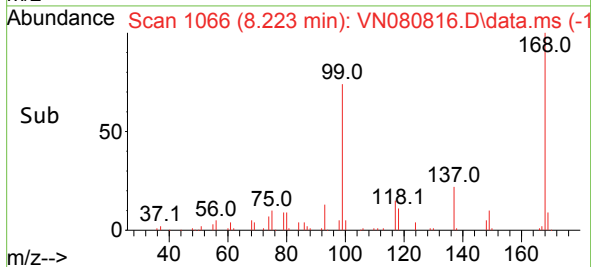
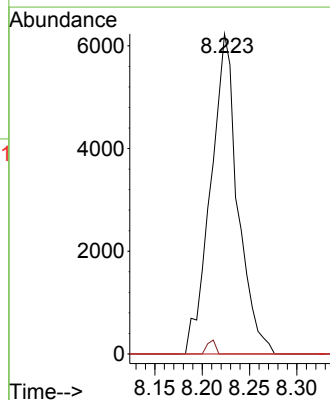
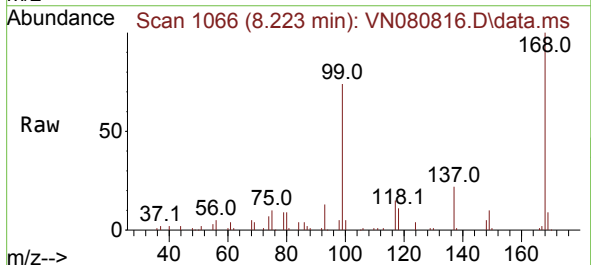


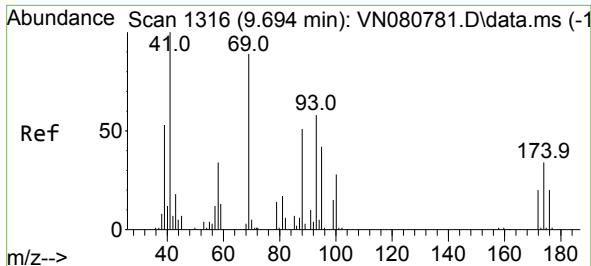
Tgt Ion: 75 Resp: 10391
Ion Ratio Lower Upper
75 100
110 3.8 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 5.890 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN080816.D
Acq: 30 Jan 2024 15:36

Tgt Ion: 117 Resp: 12448
Ion Ratio Lower Upper
117 100
119 0.0 73.4 110.2#
121 0.0 24.4 36.6#





#49

1,4-Dioxane

Concen: 5.190 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080816.D

Acq: 30 Jan 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-191-GW-598-600

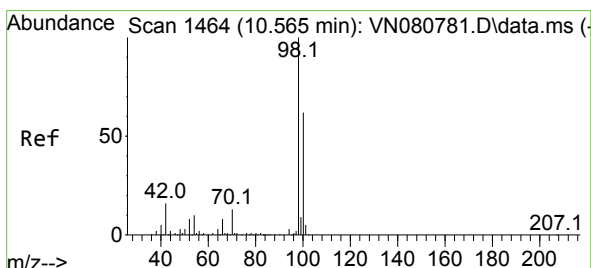
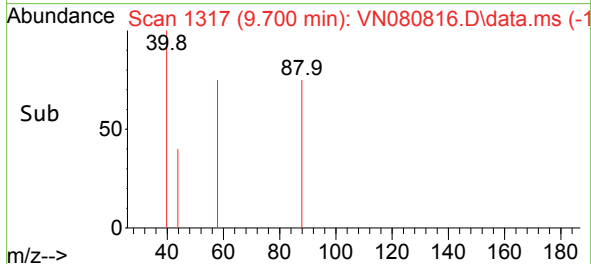
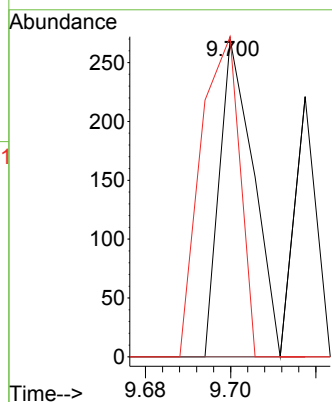
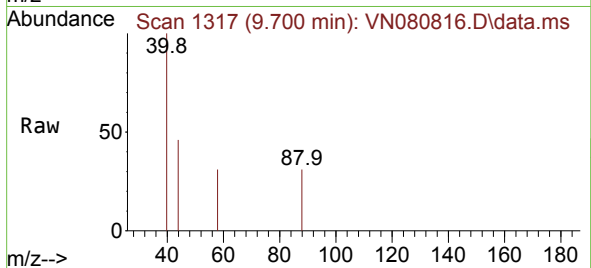
Tgt Ion: 88 Resp: 149

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 116.1 63.9 95.9#



#50

Toluene-d8

Concen: 45.070 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN080816.D

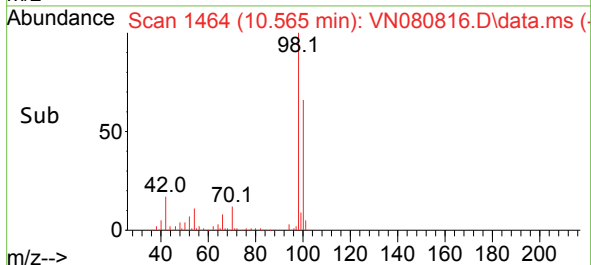
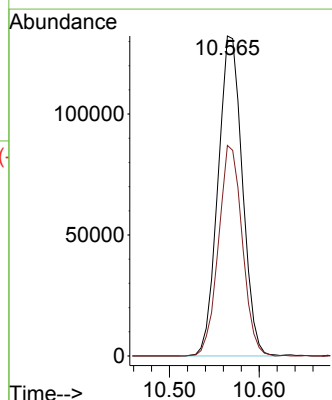
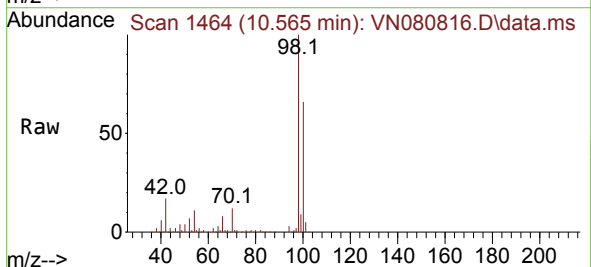
Acq: 30 Jan 2024 15:36

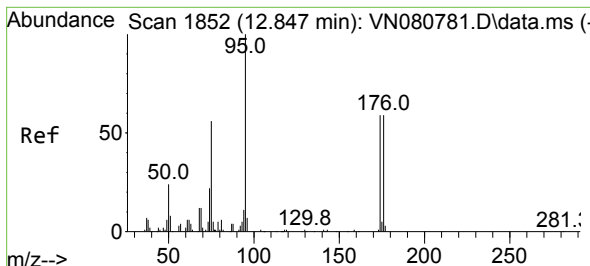
Tgt Ion: 98 Resp: 248931

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0

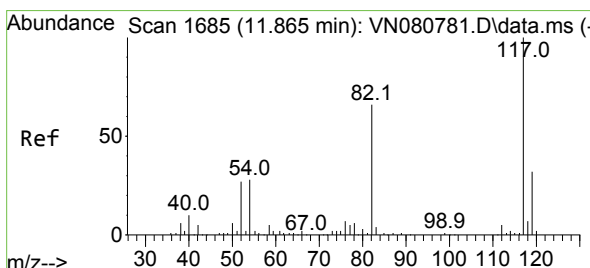
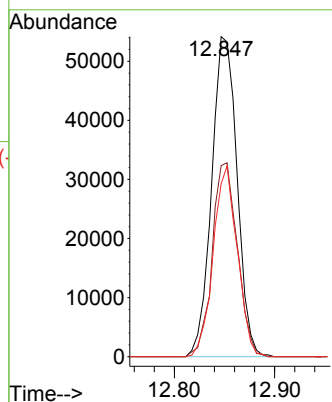
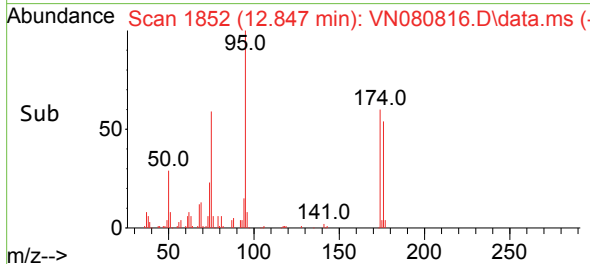
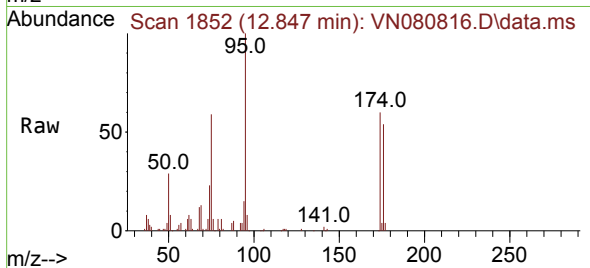




#62
4-Bromofluorobenzene
Concen: 49.494 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080816.D
Acq: 30 Jan 2024 15:36

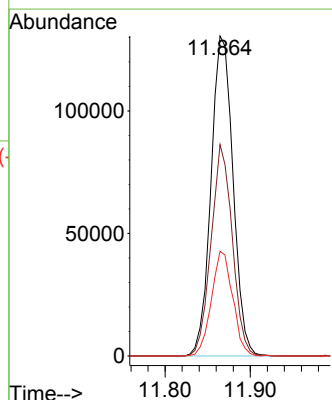
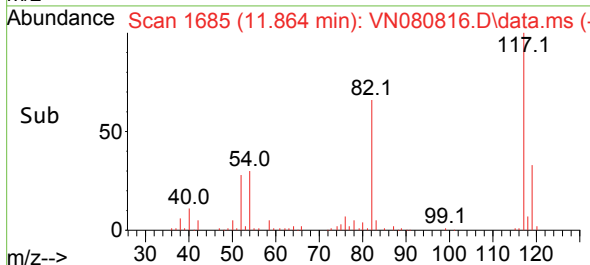
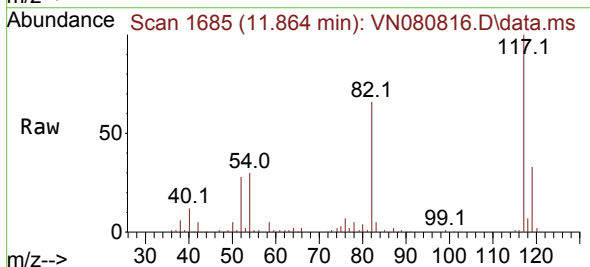
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-191-GW-598-600

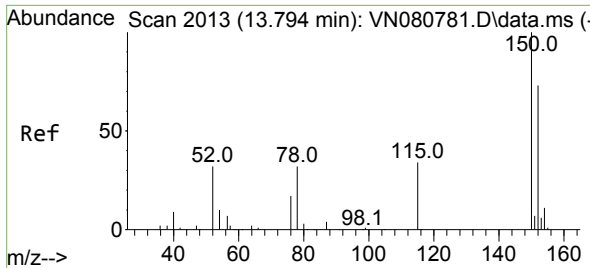
Tgt Ion: 95 Resp: 95260
Ion Ratio Lower Upper
95 100
174 60.0 0.0 120.4
176 56.3 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080816.D
Acq: 30 Jan 2024 15:36

Tgt Ion: 117 Resp: 234483
Ion Ratio Lower Upper
117 100
82 66.1 52.7 79.1
119 32.7 25.3 37.9

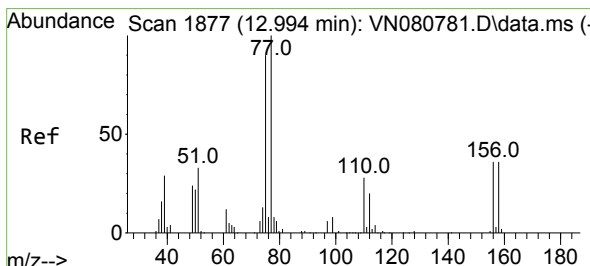
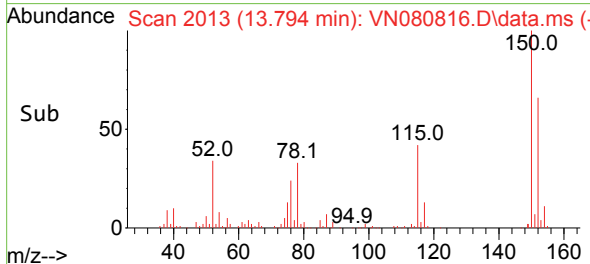
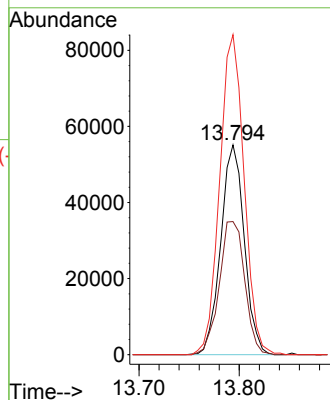
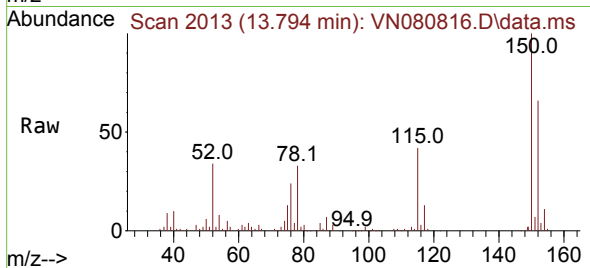




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN080816.D
 Acq: 30 Jan 2024 15:36

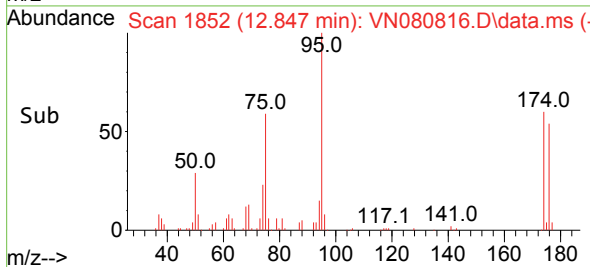
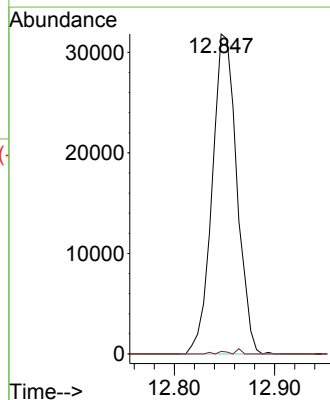
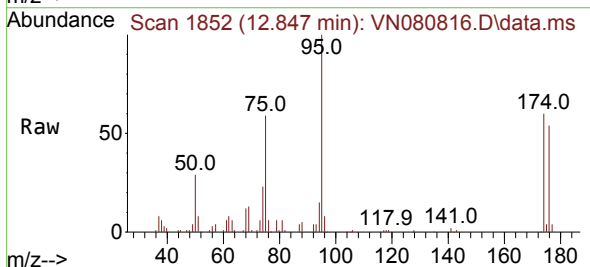
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-191-GW-598-600

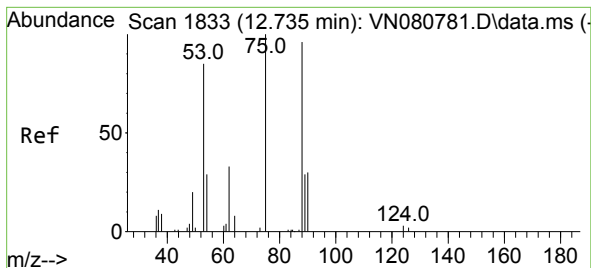
Tgt Ion:152 Resp: 89641
 Ion Ratio Lower Upper
 152 100
 115 68.7 32.3 96.8
 150 157.8 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 20.081 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN080816.D
 Acq: 30 Jan 2024 15:36

Tgt Ion: 75 Resp: 54290
 Ion Ratio Lower Upper
 75 100
 77 0.4 91.0 272.8#





#81

trans-1,4-Dichloro-2-butene

Concen: 51.732 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.112 min

Lab File: VN080816.D

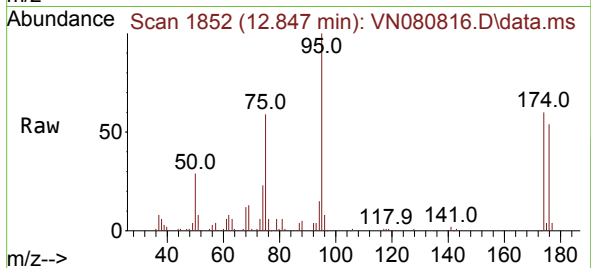
Acq: 30 Jan 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-191-GW-598-600



Tgt Ion: 75 Resp: 54290

Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

89 0.0 33.4 50.0#

