

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082497.D
 Acq On : 07 Jun 2024 17:02
 Operator : JC\MD
 Sample : P2771-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-240-242

Quant Time: Jun 08 01:00:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

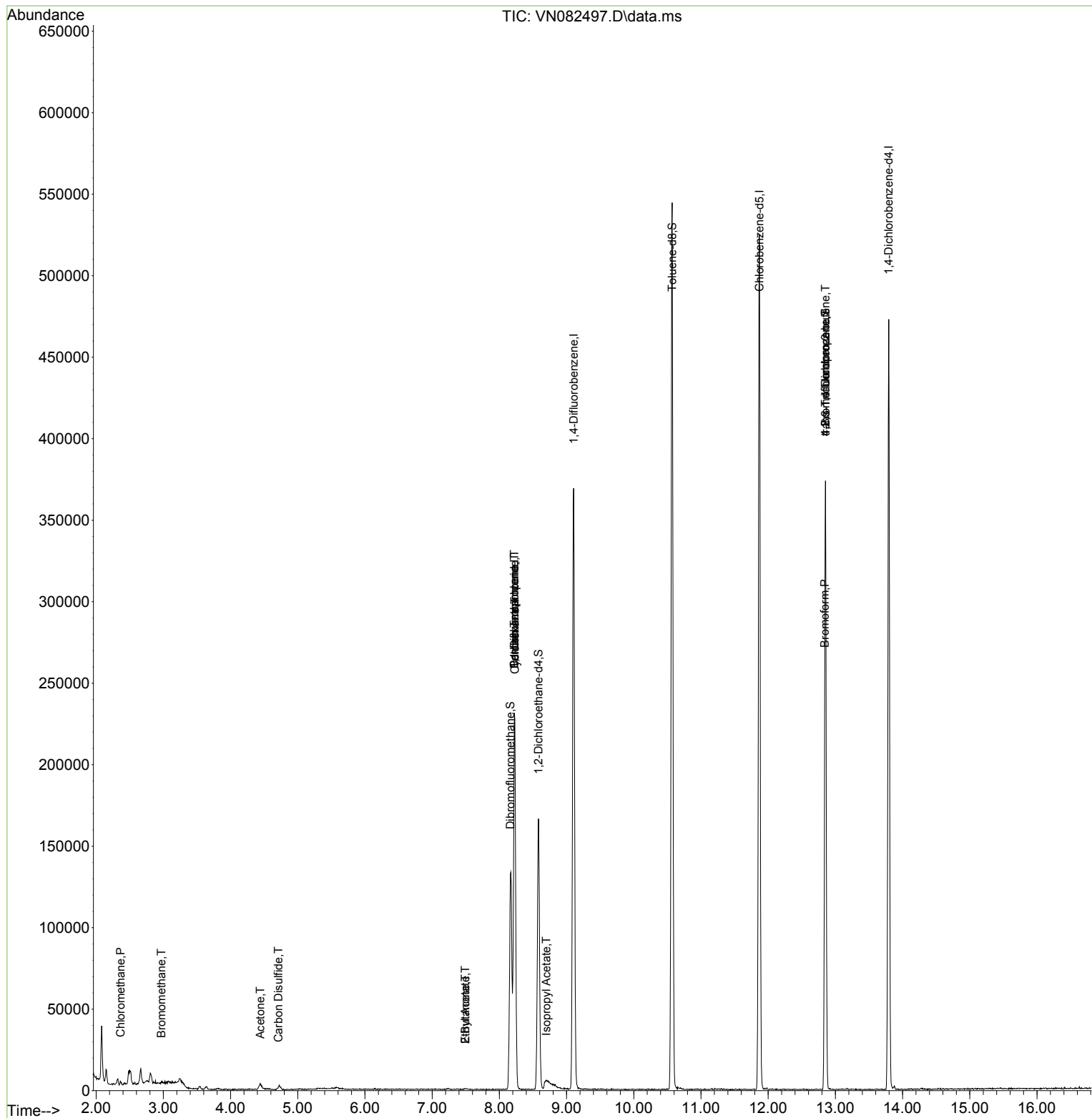
Internal Standards						
1) Pentafluorobenzene	8.224	168	157919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	293764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	282393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	132137	52.991	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.980%			
35) Dibromofluoromethane	8.165	113	96287	53.283	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.560%			
50) Toluene-d8	10.570	98	354531	51.172	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.340%			
62) 4-Bromofluorobenzene	12.853	95	118492	47.917	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 95.840%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	1743	0.676	ug/l	95
5) Bromomethane	2.971	94	305	0.219	ug/l #	79
16) Acetone	4.441	43	6571	6.424	ug/l	97
17) Carbon Disulfide	4.712	76	1227	0.220	ug/l #	74
25) 2-Butanone	7.494	43	1136	0.732	ug/l #	43
31) Cyclohexane	8.229	56	5024	1.261	ug/l #	23
36) 1,1-Dichloropropene	8.224	75	14614	4.822	ug/l #	49
37) Ethyl Acetate	7.494	43	1136	0.335	ug/l #	68
38) Carbon Tetrachloride	8.224	117	17196	5.597	ug/l #	17
43) Isopropyl Acetate	8.700	43	6033	1.004	ug/l #	52
71) Bromoform	12.841	173	243	0.848	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	68522	27.438	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	68522	64.176	ug/l #	12

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

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Quant Time: Jun 08 01:00:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

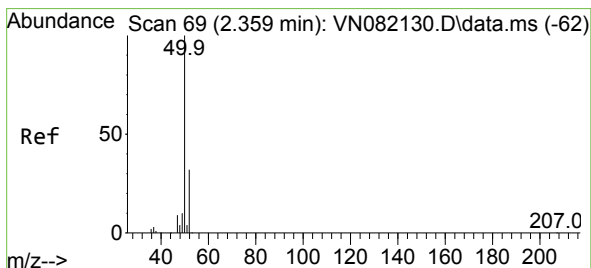
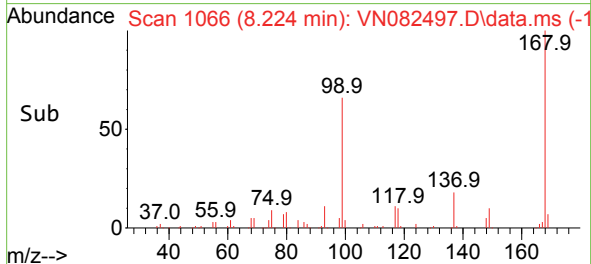
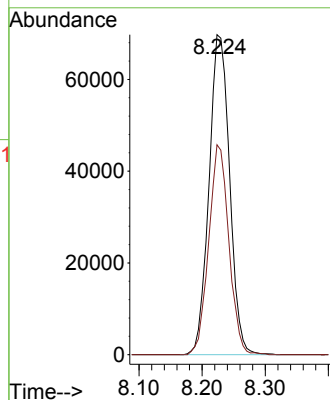
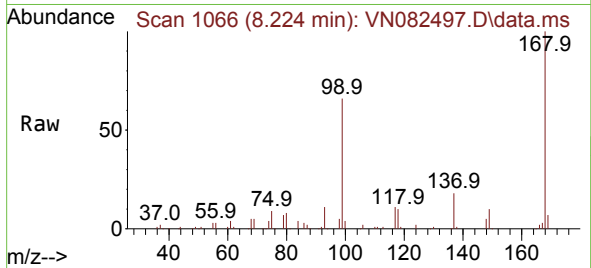




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082497.D
Acq: 07 Jun 2024 17:02

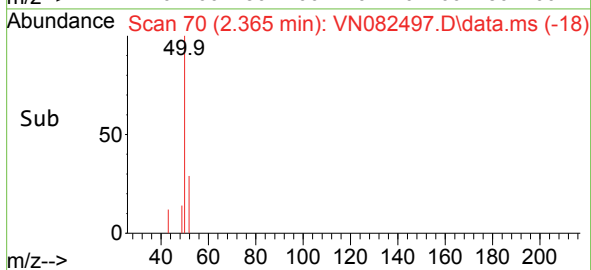
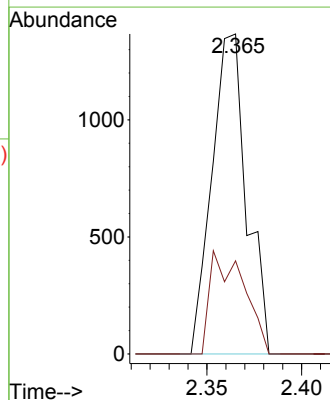
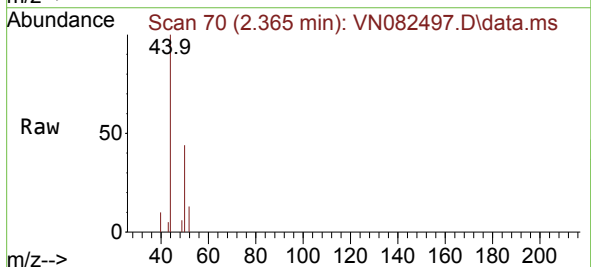
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-240-242

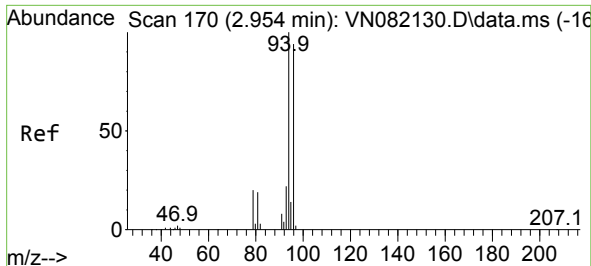
Tgt Ion:168 Resp: 157919
Ion Ratio Lower Upper
168 100
99 65.6 48.2 72.4



#3
Chloromethane
Concen: 0.676 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082497.D
Acq: 07 Jun 2024 17:02

Tgt Ion: 50 Resp: 1743
Ion Ratio Lower Upper
50 100
52 29.1 25.5 38.3

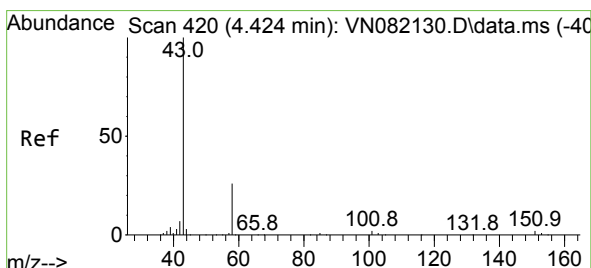
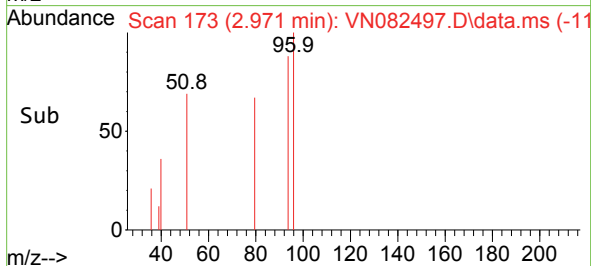
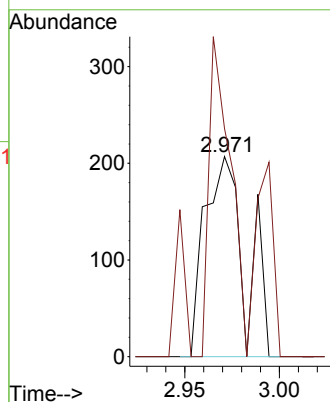
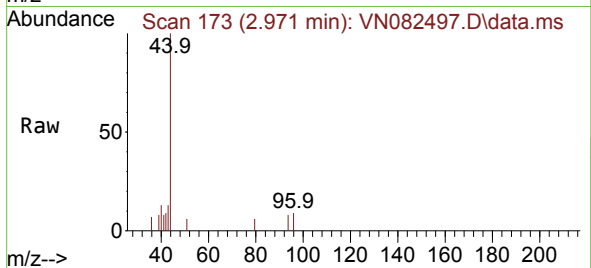




#5
Bromomethane
Concen: 0.219 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN082497.D
Acq: 07 Jun 2024 17:02

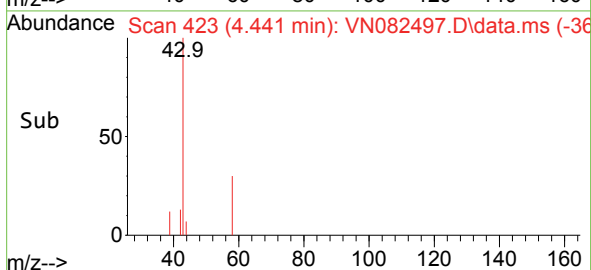
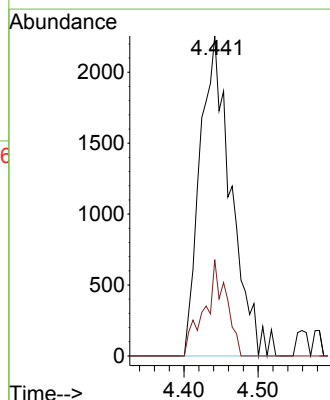
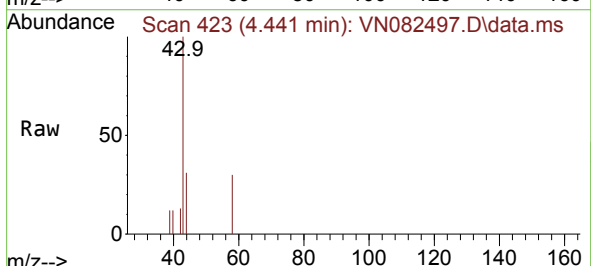
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-240-242

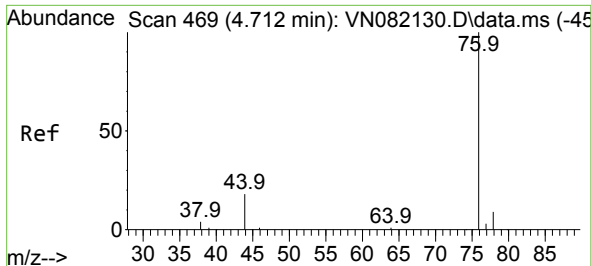
Tgt Ion: 94 Resp: 305
Ion Ratio Lower Upper
94 100
96 114.0 74.8 112.2#



#16
Acetone
Concen: 6.424 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.017 min
Lab File: VN082497.D
Acq: 07 Jun 2024 17:02

Tgt Ion: 43 Resp: 6571
Ion Ratio Lower Upper
43 100
58 30.1 25.2 37.8

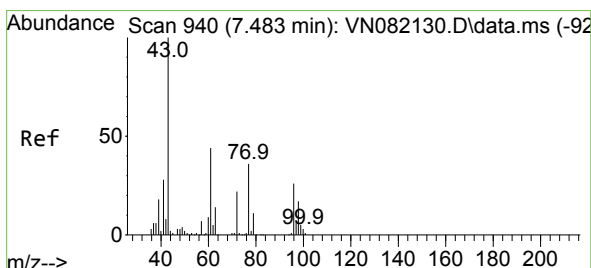
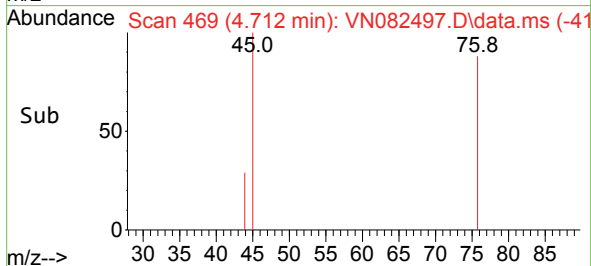
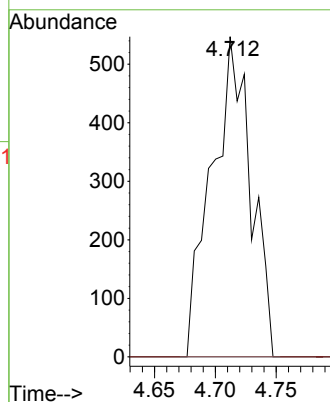
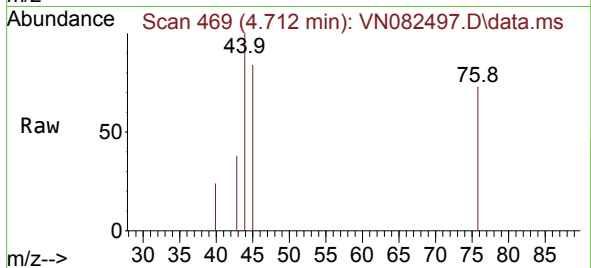




#17
Carbon Disulfide
Concen: 0.220 ug/l
RT: 4.712 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN082497.D
Acq: 07 Jun 2024 17:02

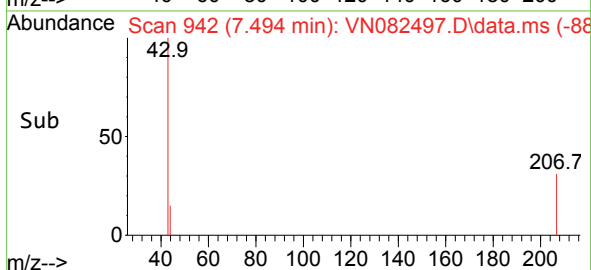
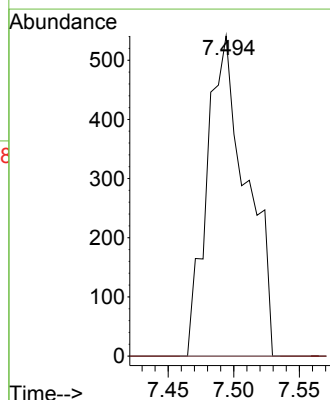
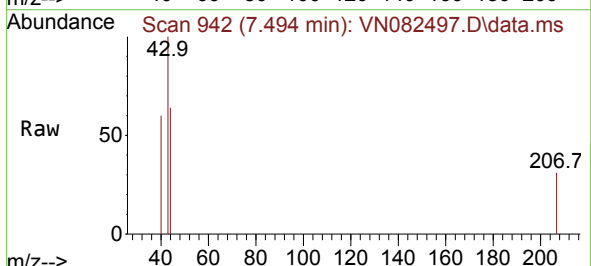
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-240-242

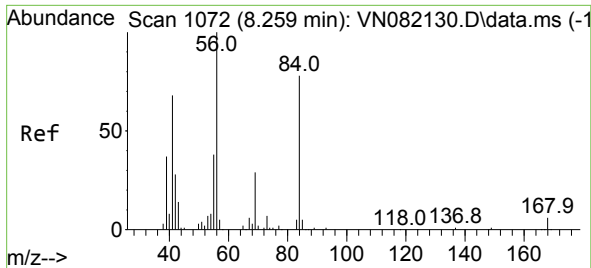
Tgt Ion: 76 Resp: 1227
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#25
2-Butanone
Concen: 0.732 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN082497.D
Acq: 07 Jun 2024 17:02

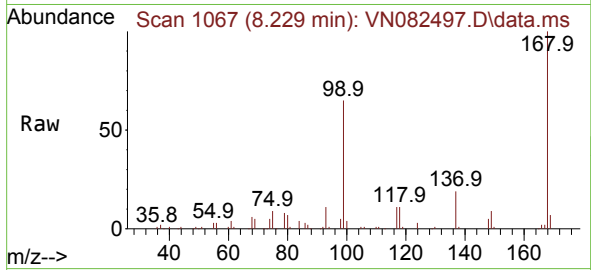
Tgt Ion: 43 Resp: 1136
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



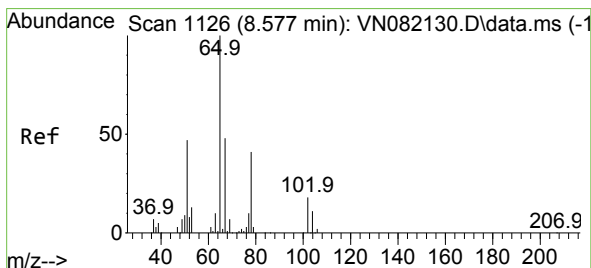
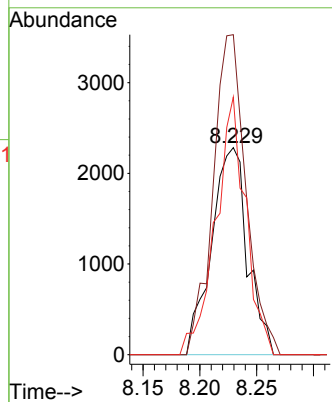
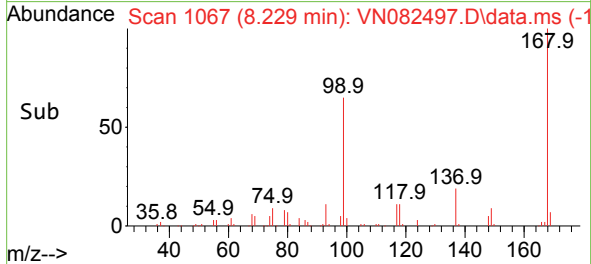


#31
Cyclohexane
Concen: 1.261 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN082497.D
Acq: 07 Jun 2024 17:02

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-240-242

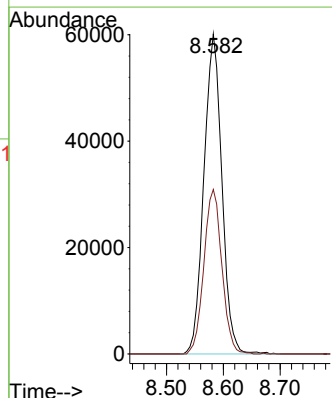
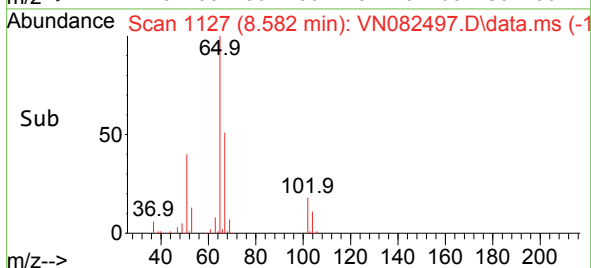
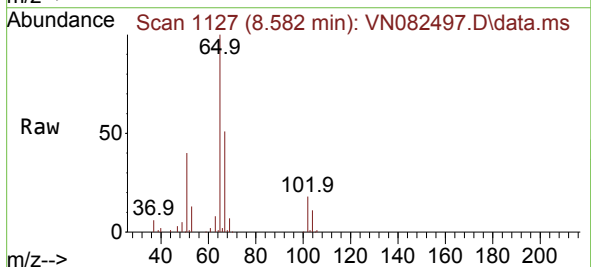


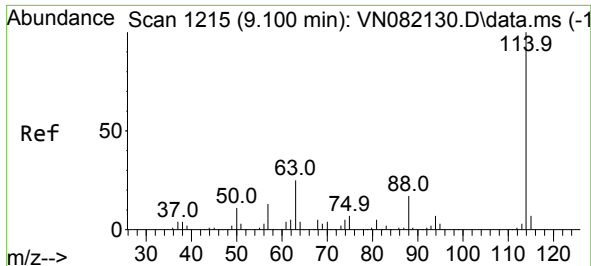
Tgt Ion: 56 Resp: 5024
Ion Ratio Lower Upper
56 100
69 154.6 24.4 36.6#
84 124.4 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 52.991 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082497.D
Acq: 07 Jun 2024 17:02

Tgt Ion: 65 Resp: 132137
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082497.D

Acq: 07 Jun 2024 17:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-240-242

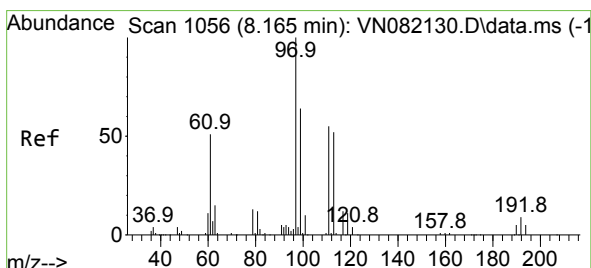
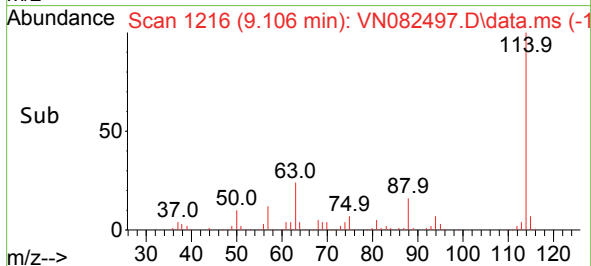
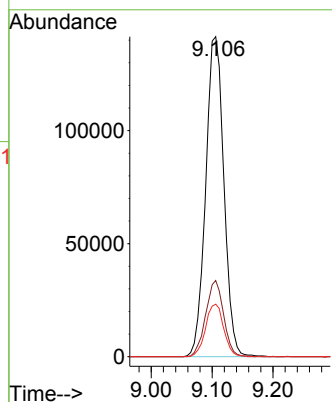
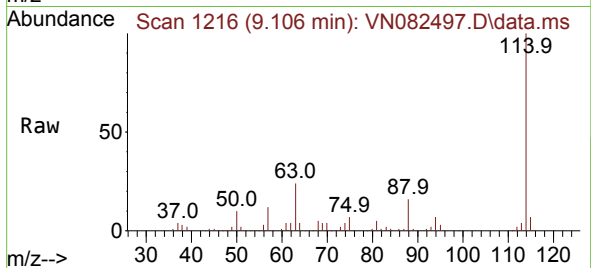
Tgt Ion:114 Resp: 293764

Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

88 16.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.283 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082497.D

Acq: 07 Jun 2024 17:02

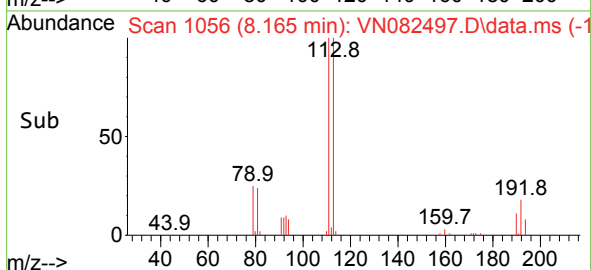
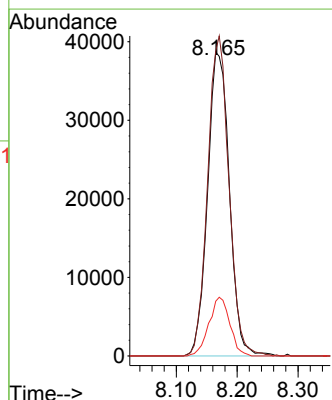
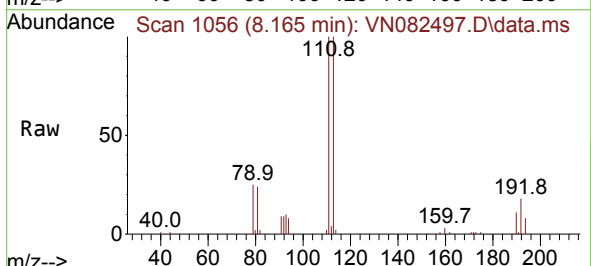
Tgt Ion:113 Resp: 96287

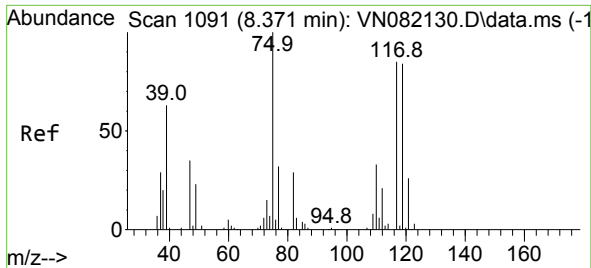
Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

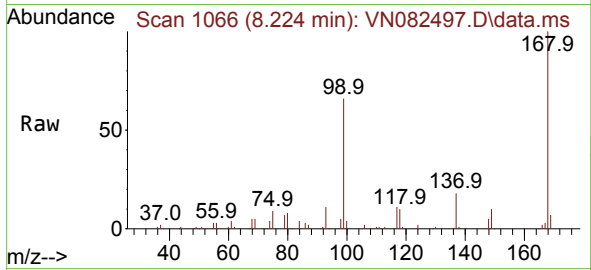
192 18.5 14.0 21.0



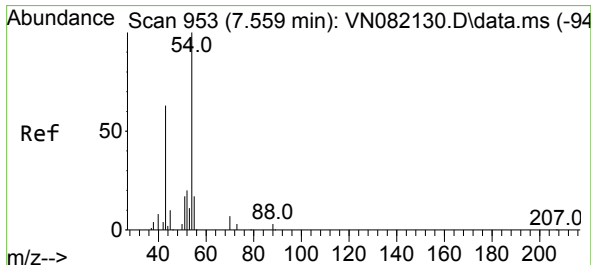
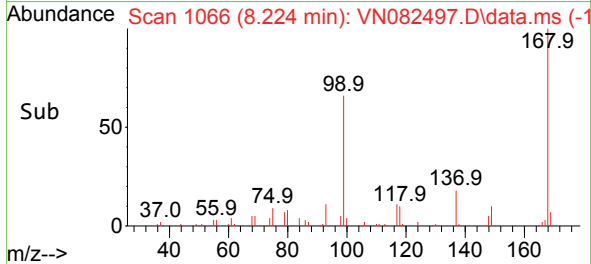
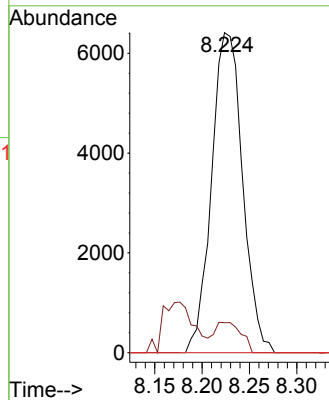


#36
1,1-Dichloropropene
Concen: 4.822 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082497.D
Acq: 07 Jun 2024 17:02

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-240-242

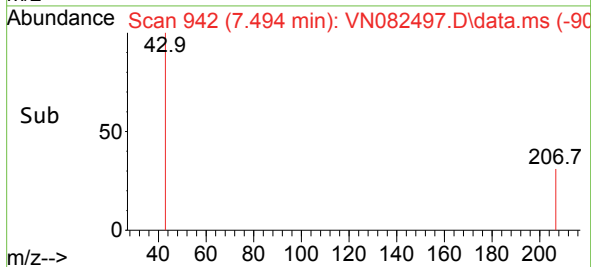
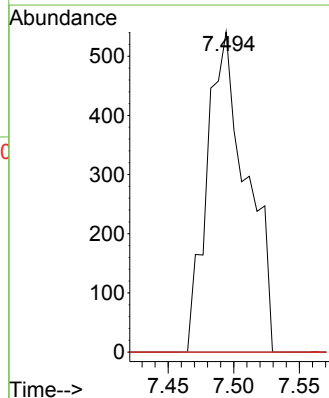
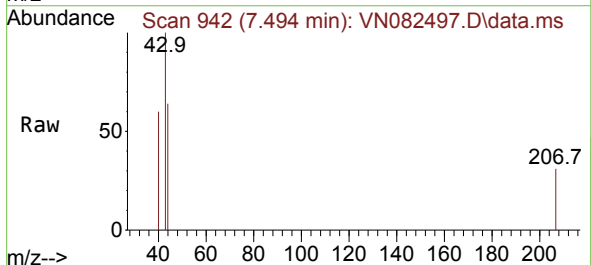


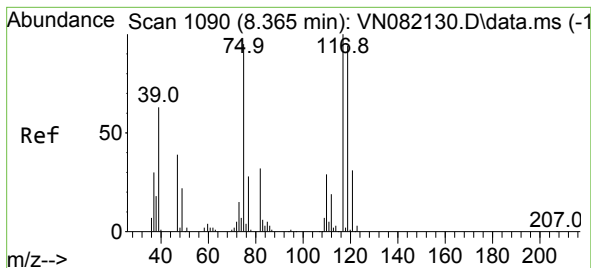
Tgt Ion: 75 Resp: 14614
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.335 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.065 min
Lab File: VN082497.D
Acq: 07 Jun 2024 17:02

Tgt Ion: 43 Resp: 1136
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 5.597 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN082497.D

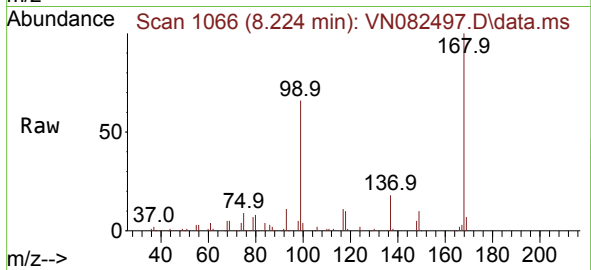
Acq: 07 Jun 2024 17:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-240-242



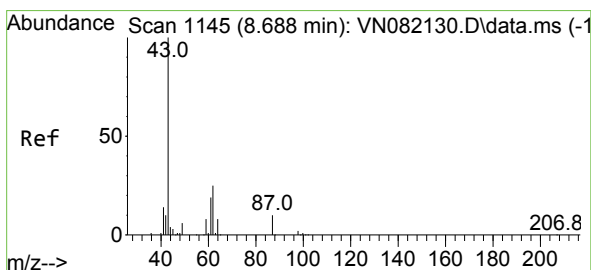
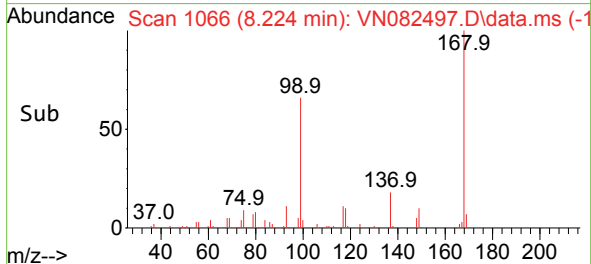
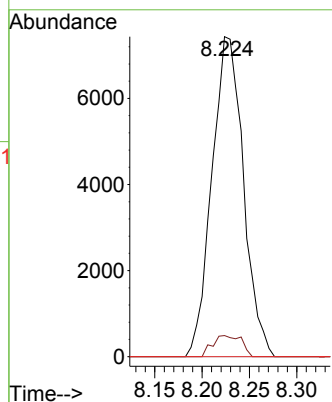
Tgt Ion:117 Resp: 17196

Ion Ratio Lower Upper

117 100

119 6.6 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 1.004 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.012 min

Lab File: VN082497.D

Acq: 07 Jun 2024 17:02

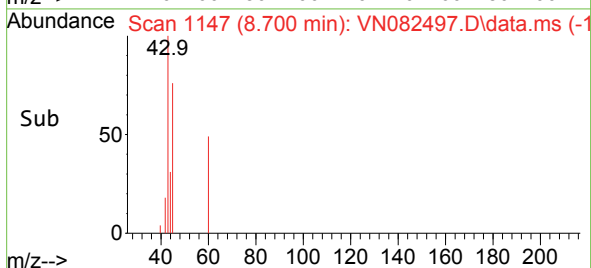
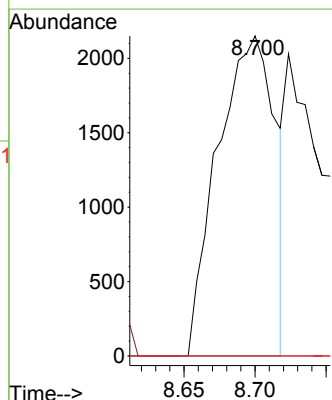
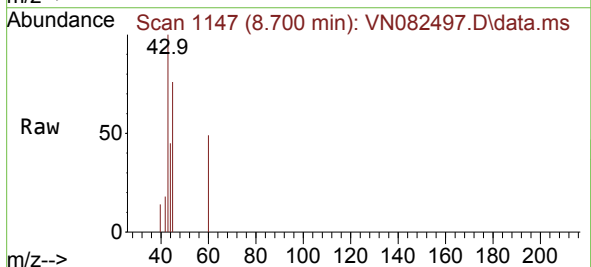
Tgt Ion: 43 Resp: 6033

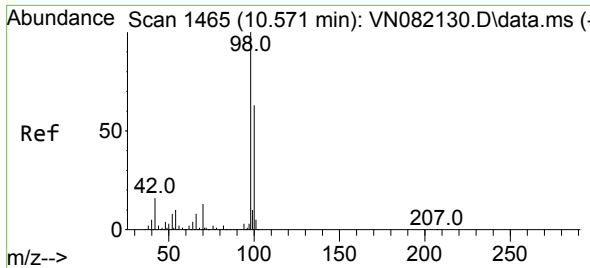
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

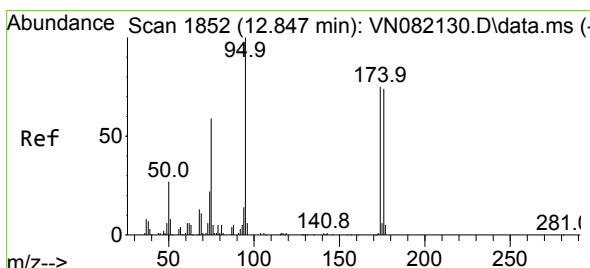
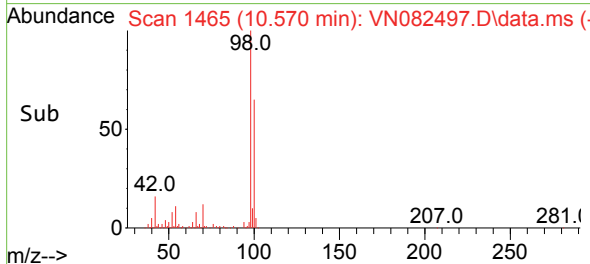
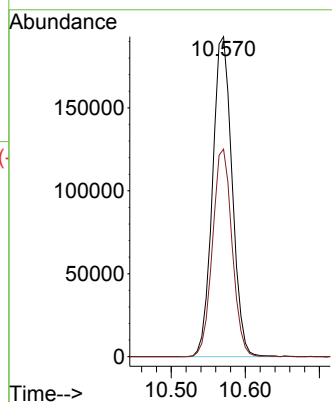
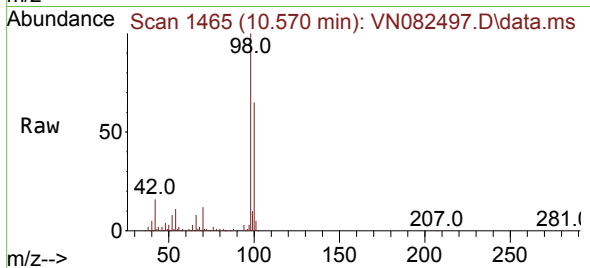




#50
Toluene-d8
Concen: 51.172 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082497.D
Acq: 07 Jun 2024 17:02

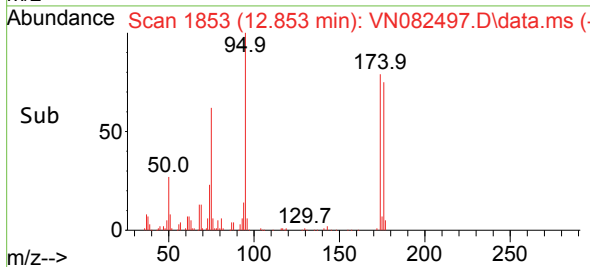
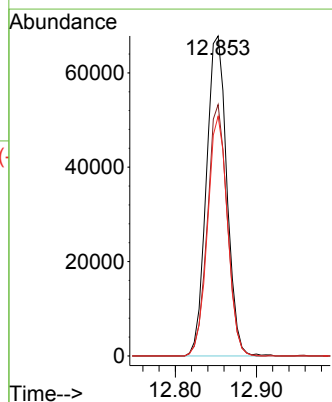
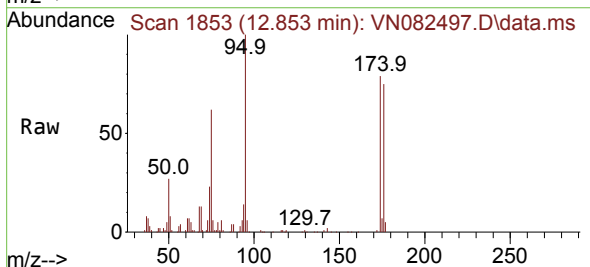
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-240-242

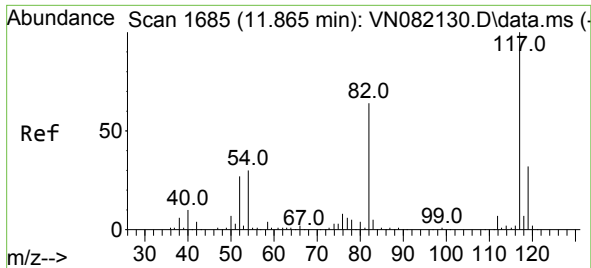
Tgt Ion: 98 Resp: 354531
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.917 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082497.D
Acq: 07 Jun 2024 17:02

Tgt Ion: 95 Resp: 118492
Ion Ratio Lower Upper
95 100
174 76.0 0.0 160.6
176 73.1 0.0 152.8

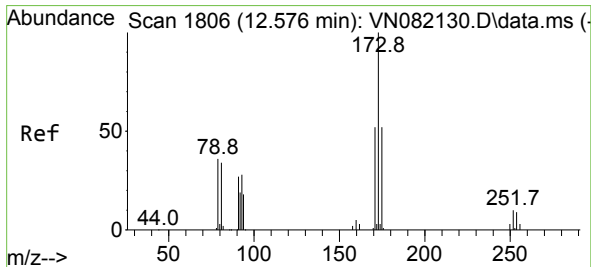
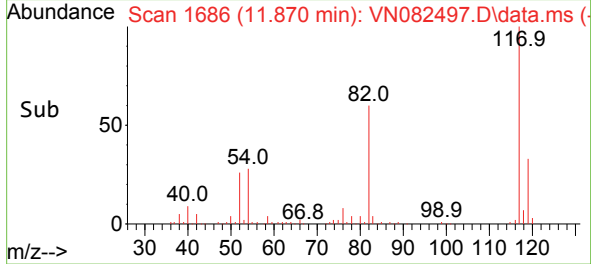
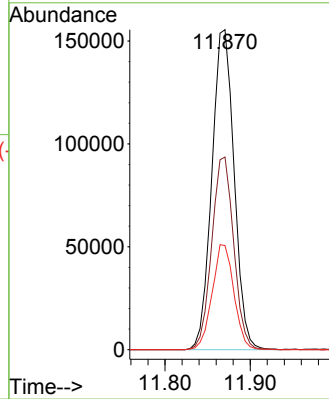
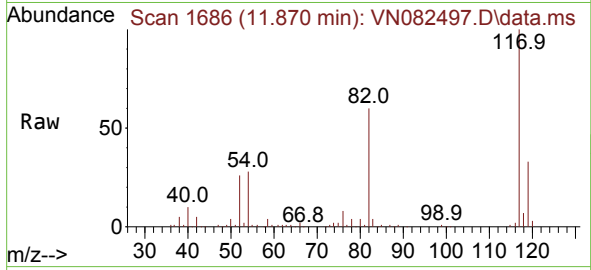




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VN082497.D
Acq: 07 Jun 2024 17:02

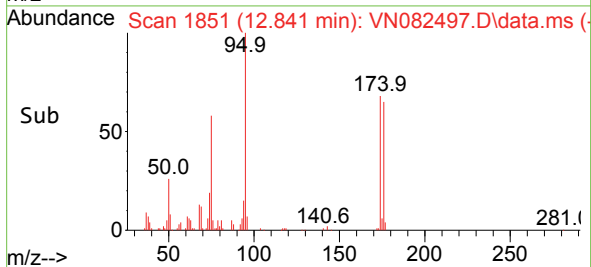
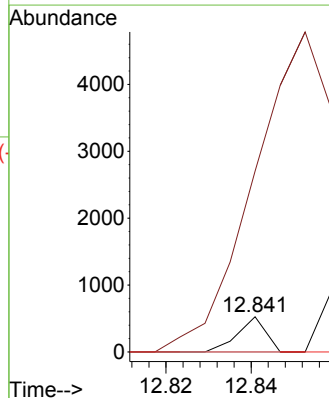
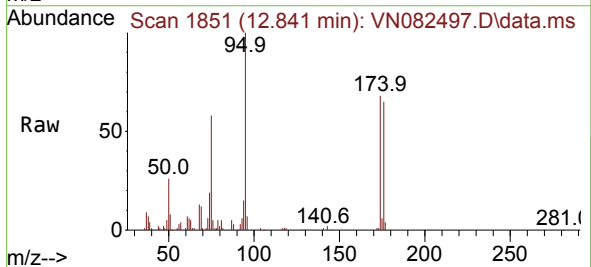
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-240-242

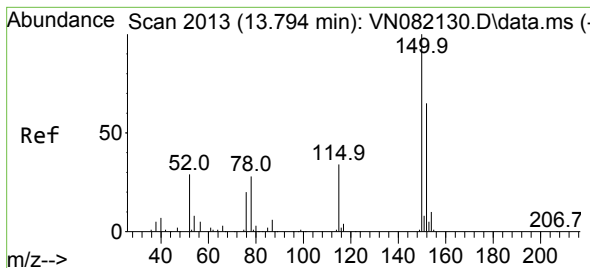
Tgt Ion:117 Resp: 282393
Ion Ratio Lower Upper
117 100
82 60.2 44.6 66.8
119 32.5 25.9 38.9



#71
Bromoform
Concen: 0.848 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN082497.D
Acq: 07 Jun 2024 17:02

Tgt Ion:173 Resp: 243
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082497.D

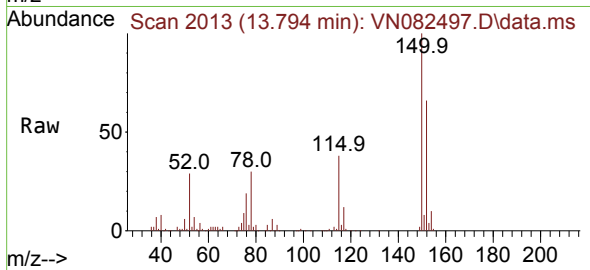
Acq: 07 Jun 2024 17:02

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-240-242



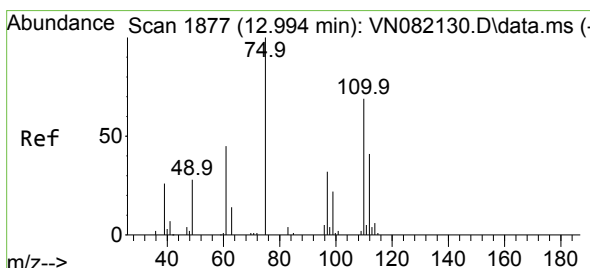
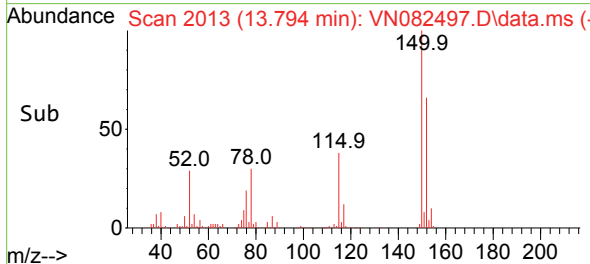
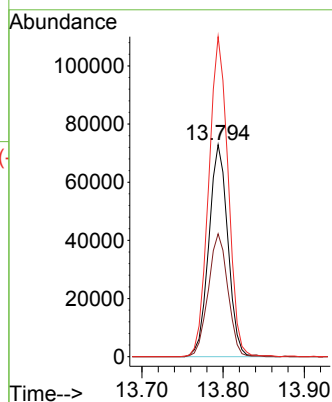
Tgt Ion:152 Resp: 118653

Ion Ratio Lower Upper

152 100

115 59.6 30.4 91.3

150 153.9 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 27.438 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082497.D

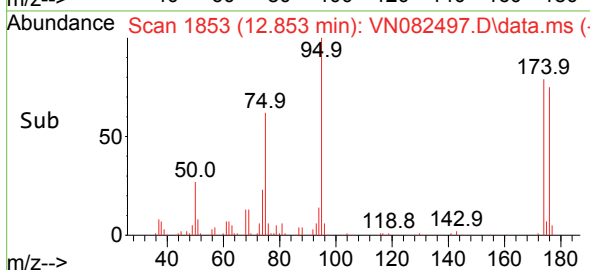
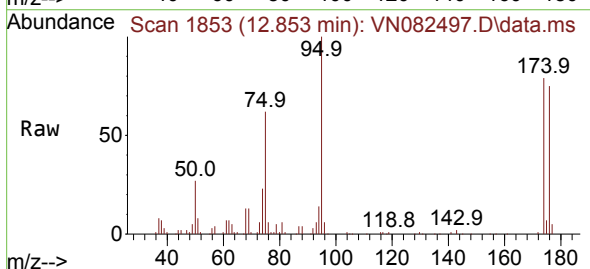
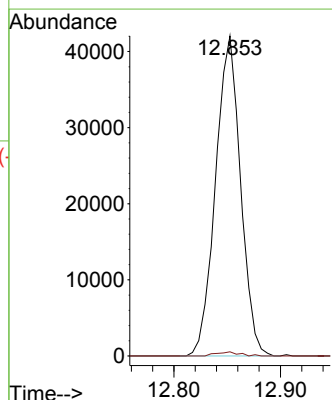
Acq: 07 Jun 2024 17:02

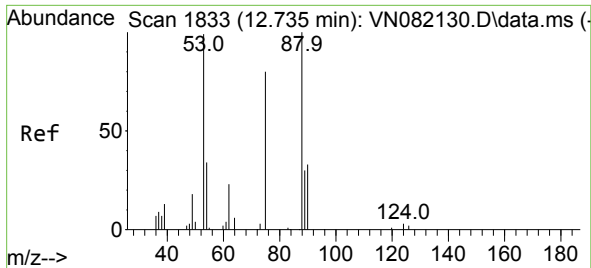
Tgt Ion: 75 Resp: 68522

Ion Ratio Lower Upper

75 100

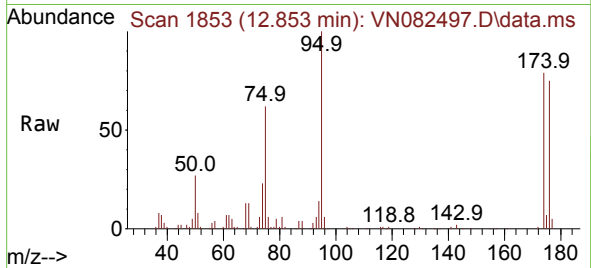
77 1.2 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.176 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.117 min
 Lab File: VN082497.D
 Acq: 07 Jun 2024 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-240-242



Tgt Ion: 75 Resp: 68522
 Ion Ratio Lower Upper
 75 100
 53 0.1 72.9 109.3#
 89 0.0 39.1 58.7#

