

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082584.D
 Acq On : 14 Jun 2024 15:39
 Operator : JC\MD
 Sample : P2891-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-420-422

Quant Time: Jun 14 23:47:11 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)

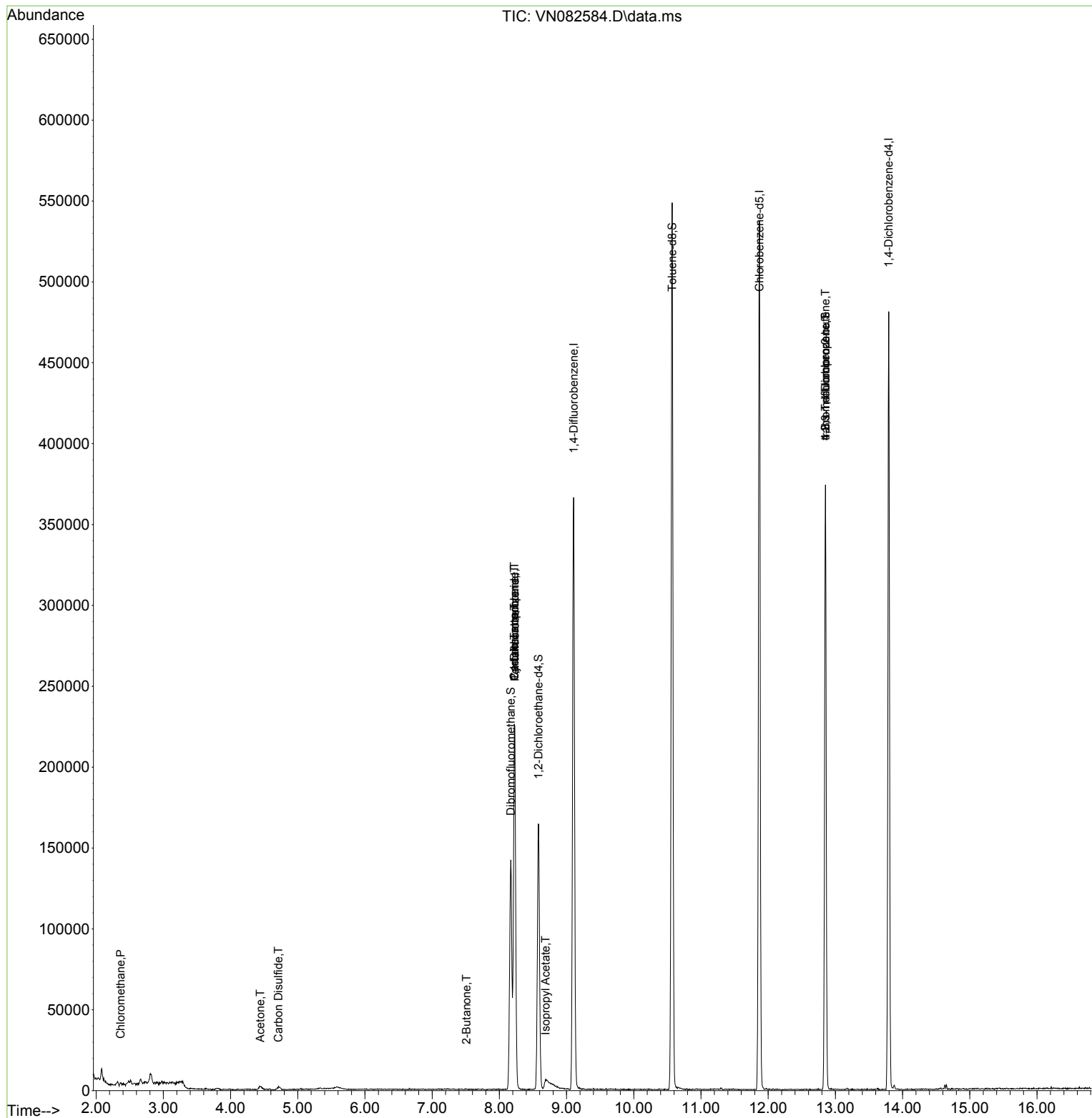
Internal Standards						
1) Pentafluorobenzene	8.230	168	155588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	291212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	285825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	133991	54.539	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.080%			
35) Dibromofluoromethane	8.171	113	97652	54.511	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.020%			
50) Toluene-d8	10.571	98	353417	51.458	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.920%			
62) 4-Bromofluorobenzene	12.853	95	115410	47.079	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.160%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	938	0.369	ug/l #	87
16) Acetone	4.442	43	4474	4.439	ug/l #	81
17) Carbon Disulfide	4.712	76	2971	0.541	ug/l #	74
25) 2-Butanone	7.512	43	499	0.327	ug/l #	43
31) Cyclohexane	8.224	56	4711	1.201	ug/l #	50
36) 1,1-Dichloropropene	8.224	75	14680	4.886	ug/l #	50
38) Carbon Tetrachloride	8.224	117	17009	5.585	ug/l #	18
43) Isopropyl Acetate	8.688	43	7783	1.306	ug/l #	52
76) 1,2,3-Trichloropropane	12.853	75	69072	27.423	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	69072	64.142	ug/l #	12

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

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BP-VPB-196-GW-420-422

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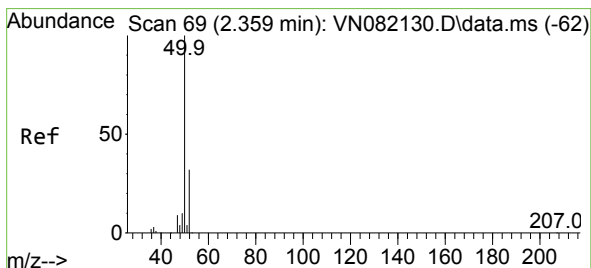
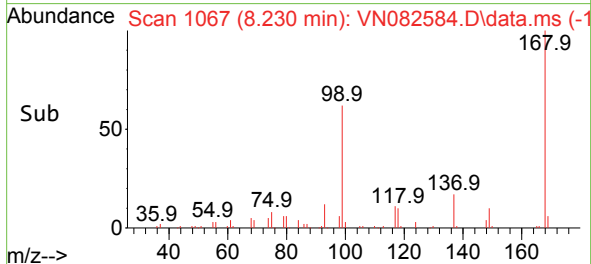
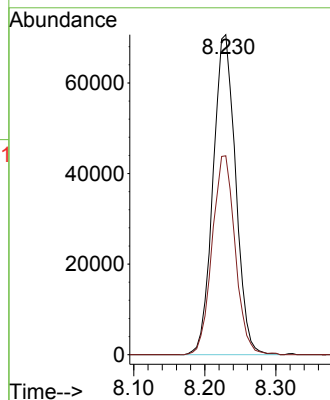
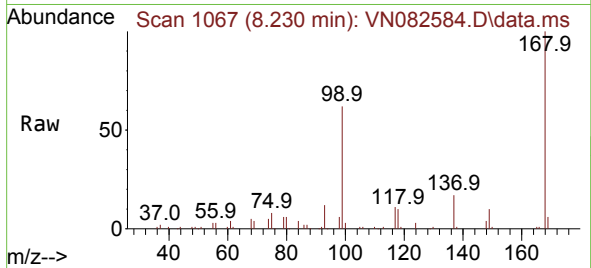




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN082584.D
Acq: 14 Jun 2024 15:39

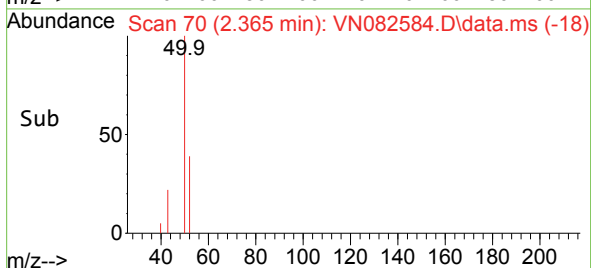
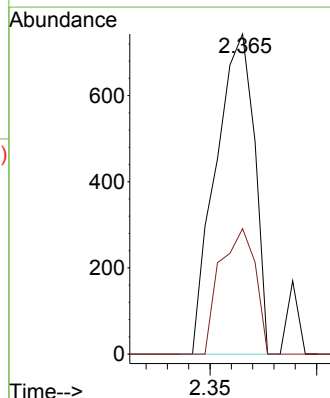
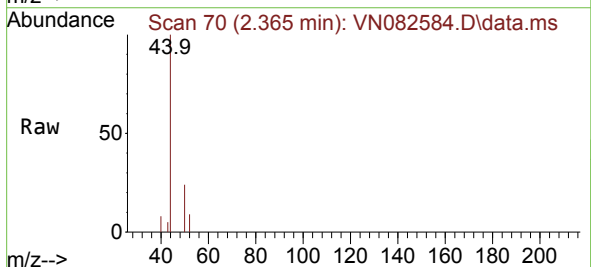
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-420-422

Tgt Ion:168 Resp: 155588
Ion Ratio Lower Upper
168 100
99 62.2 48.2 72.4



#3
Chloromethane
Concen: 0.369 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082584.D
Acq: 14 Jun 2024 15:39

Tgt Ion: 50 Resp: 938
Ion Ratio Lower Upper
50 100
52 39.2 25.5 38.3#

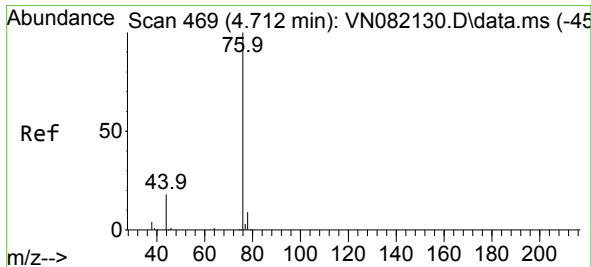
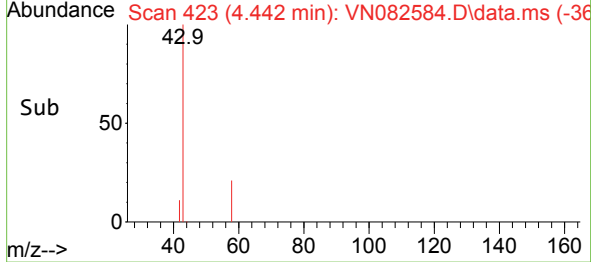
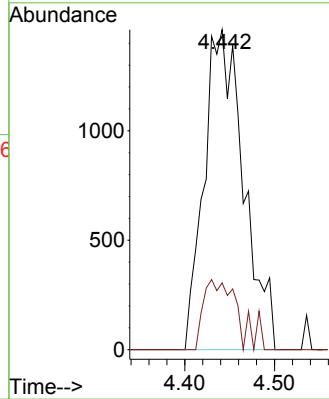
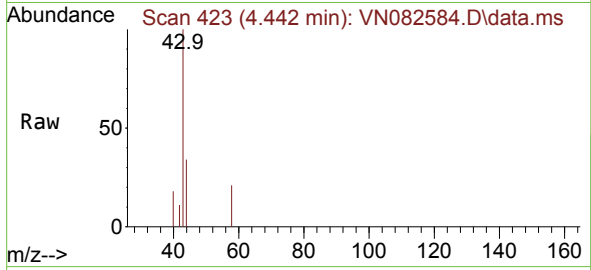




#16
Acetone
Concen: 4.439 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN082584.D
Acq: 14 Jun 2024 15:39

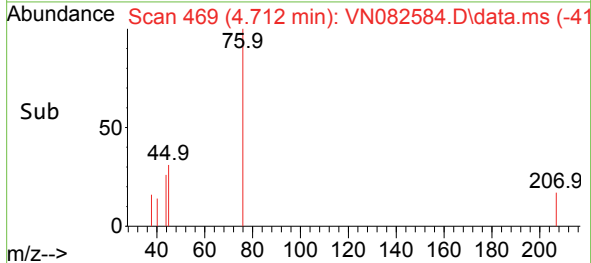
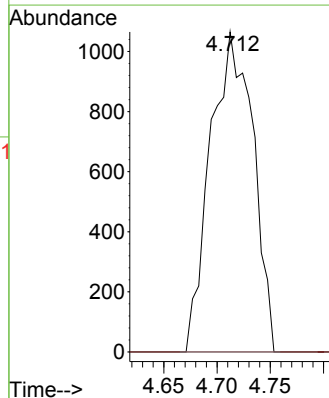
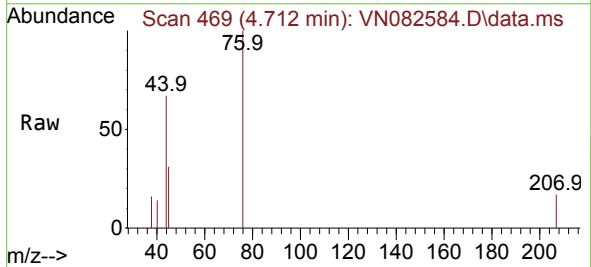
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-420-422

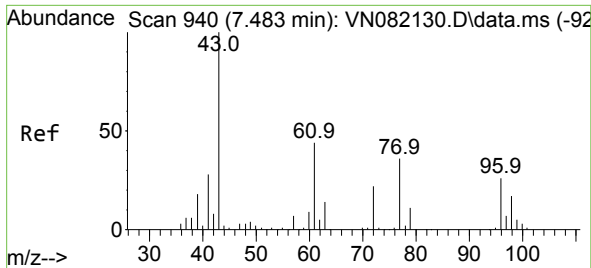
Tgt Ion: 43 Resp: 4474
Ion Ratio Lower Upper
43 100
58 20.9 25.2 37.8#



#17
Carbon Disulfide
Concen: 0.541 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082584.D
Acq: 14 Jun 2024 15:39

Tgt Ion: 76 Resp: 2971
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

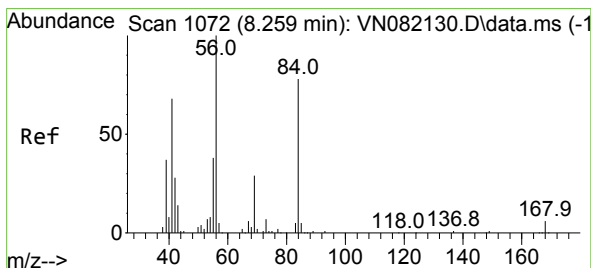
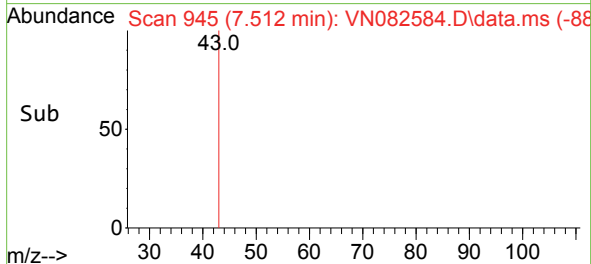
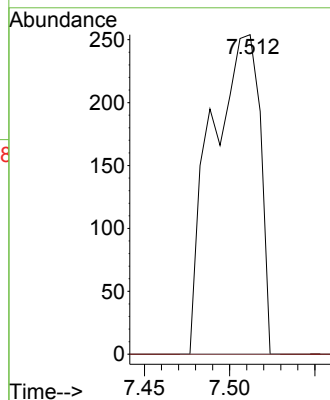
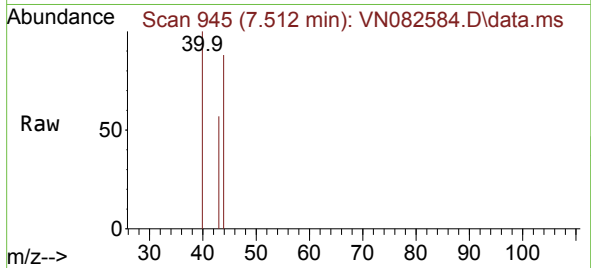




#25
2-Butanone
Concen: 0.327 ug/l
RT: 7.512 min Scan# 94
Delta R.T. 0.029 min
Lab File: VN082584.D
Acq: 14 Jun 2024 15:39

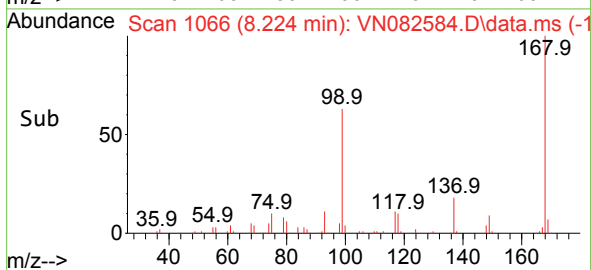
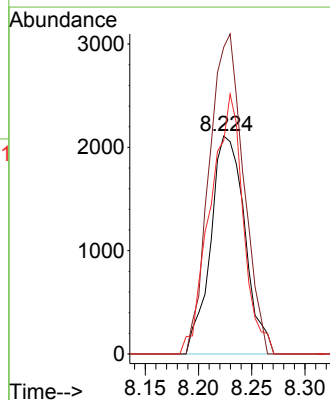
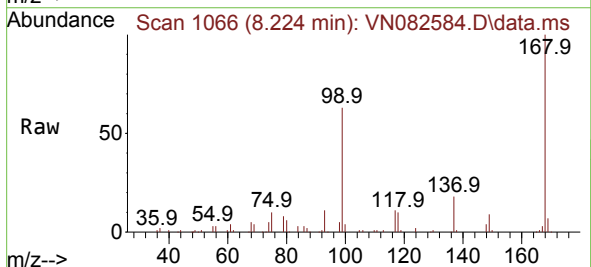
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-420-422

Tgt Ion: 43 Resp: 499
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.201 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082584.D
Acq: 14 Jun 2024 15:39

Tgt Ion: 56 Resp: 4711
Ion Ratio Lower Upper
56 100
69 140.8 24.4 36.6#
84 97.9 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 54.539 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082584.D

Acq: 14 Jun 2024 15:39

Instrument :

MSVOA_N

ClientSampleId :

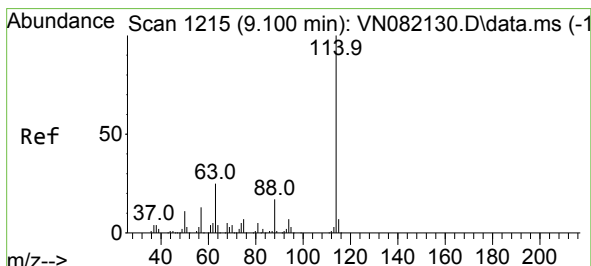
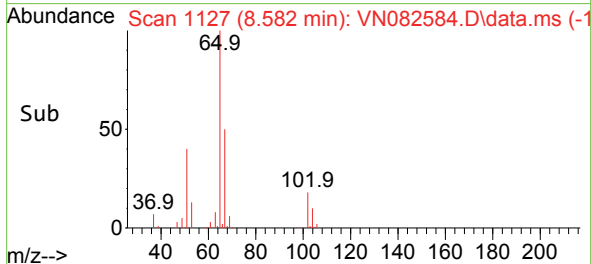
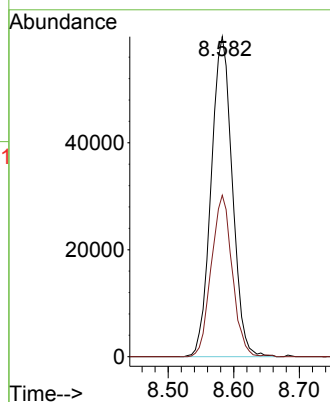
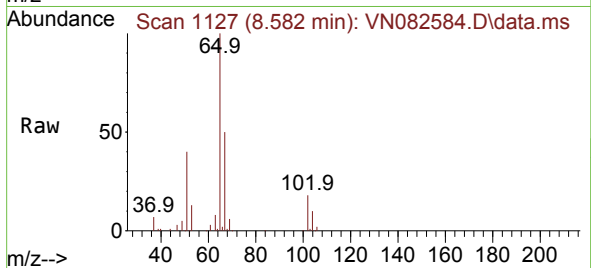
BP-VPB-196-GW-420-422

Tgt Ion: 65 Resp: 133991

Ion Ratio Lower Upper

65 100

67 49.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082584.D

Acq: 14 Jun 2024 15:39

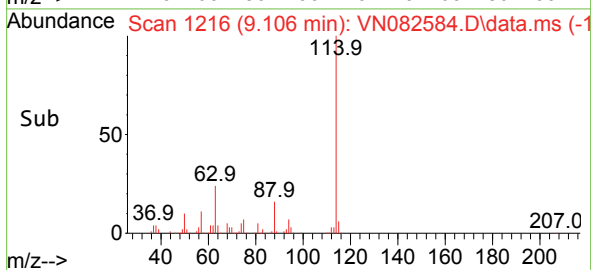
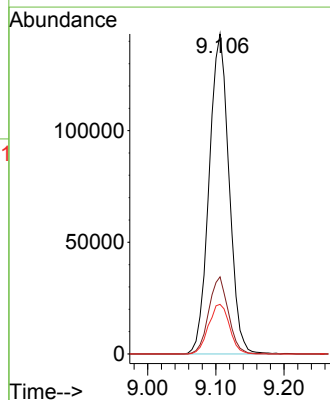
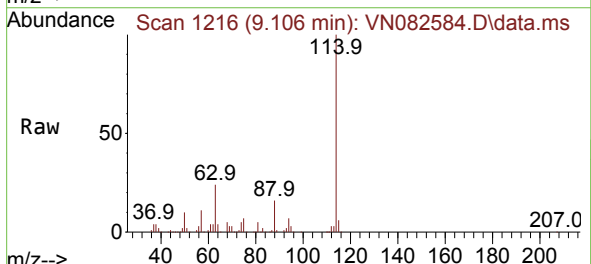
Tgt Ion: 114 Resp: 291212

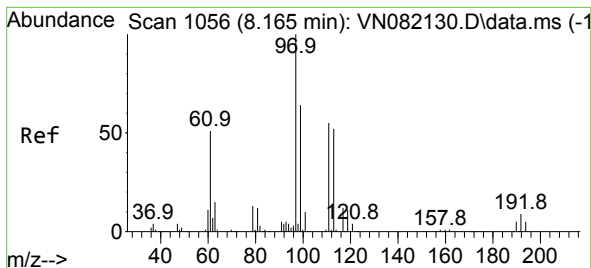
Ion Ratio Lower Upper

114 100

63 24.1 0.0 41.0

88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.511 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082584.D

Acq: 14 Jun 2024 15:39

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-420-422

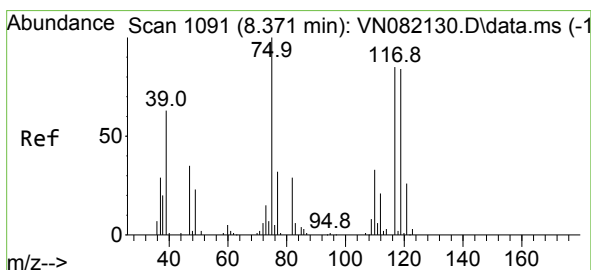
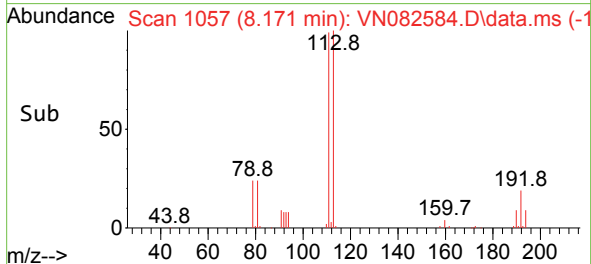
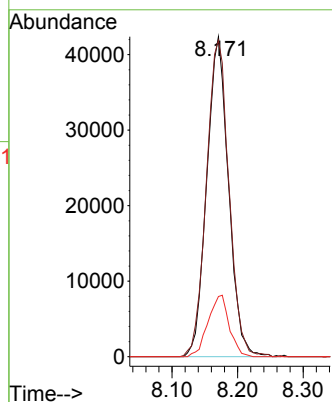
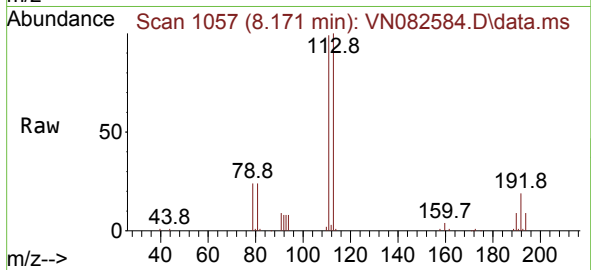
Tgt Ion:113 Resp: 97652

Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

192 18.7 14.0 21.0



#36

1,1-Dichloropropene

Concen: 4.886 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082584.D

Acq: 14 Jun 2024 15:39

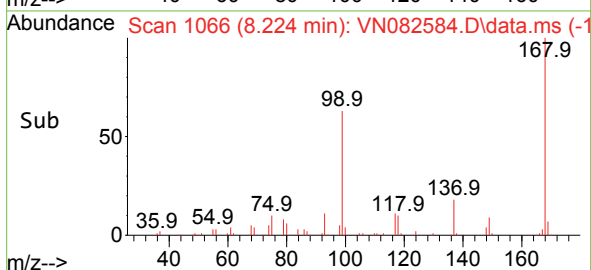
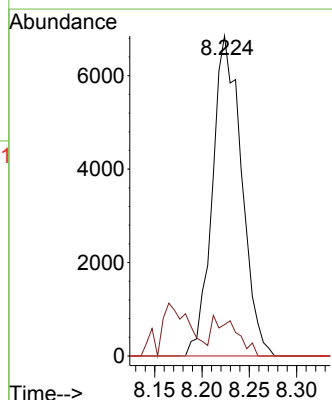
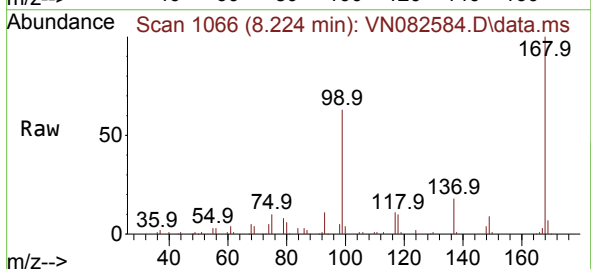
Tgt Ion: 75 Resp: 14680

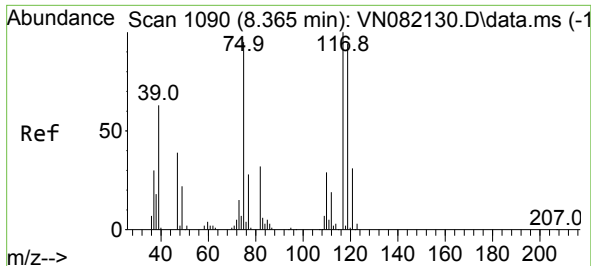
Ion Ratio Lower Upper

75 100

110 10.2 17.8 53.5#

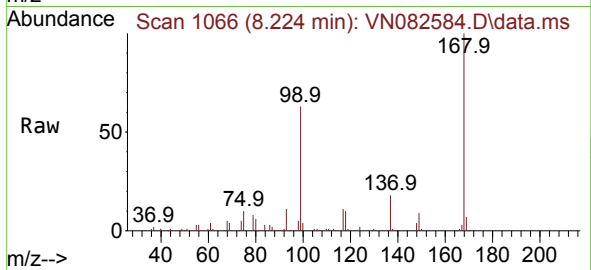
77 0.0 25.0 37.4#



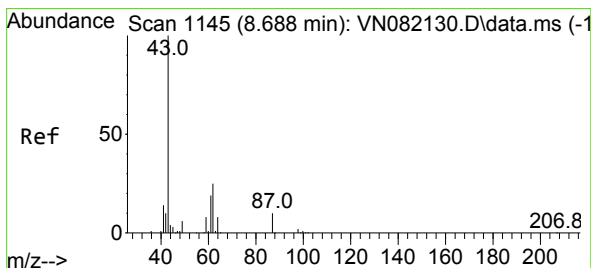
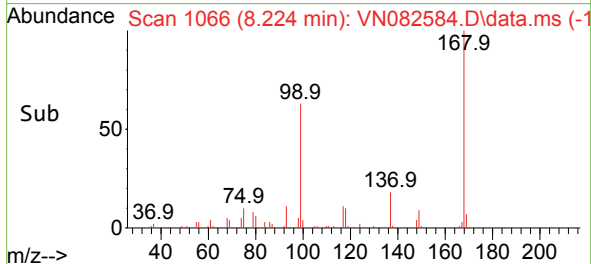
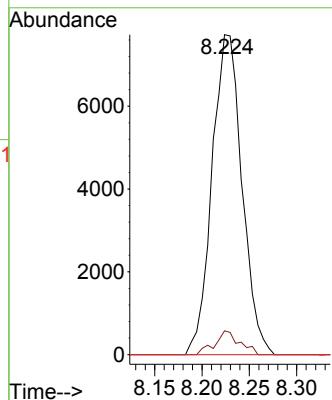


#38
Carbon Tetrachloride
Concen: 5.585 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082584.D
Acq: 14 Jun 2024 15:39

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-420-422

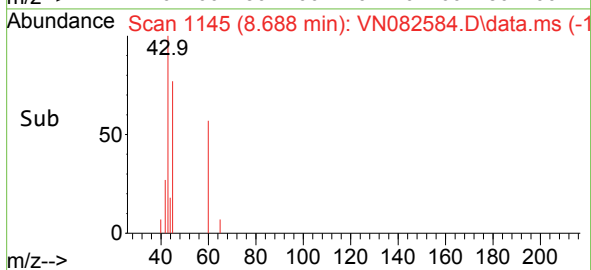
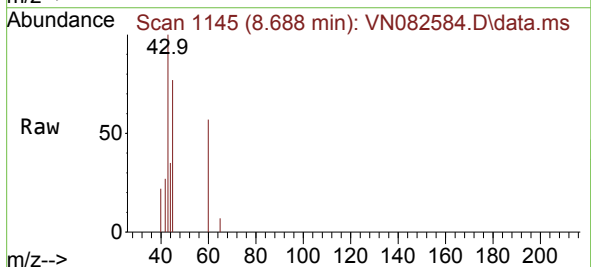
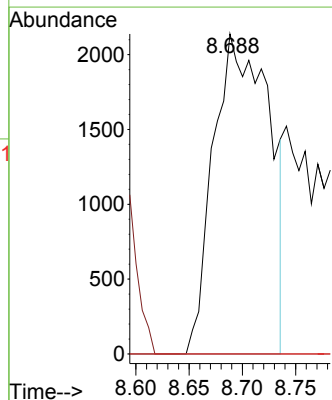


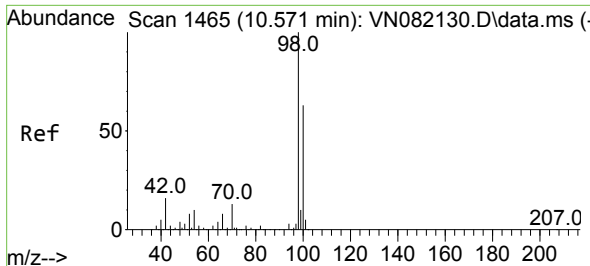
Tgt Ion:117 Resp: 17009
Ion Ratio Lower Upper
117 100
119 7.4 76.5 114.7#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 1.306 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082584.D
Acq: 14 Jun 2024 15:39

Tgt Ion: 43 Resp: 7783
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#

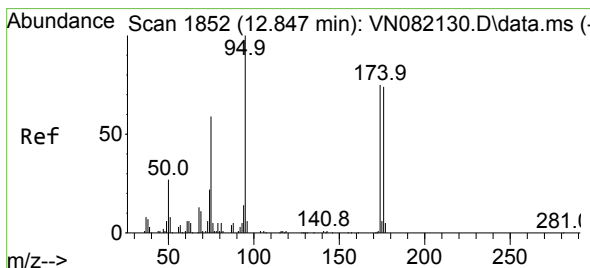
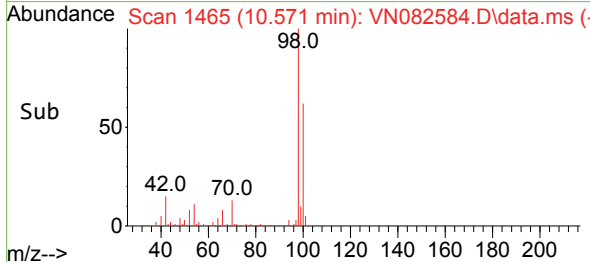
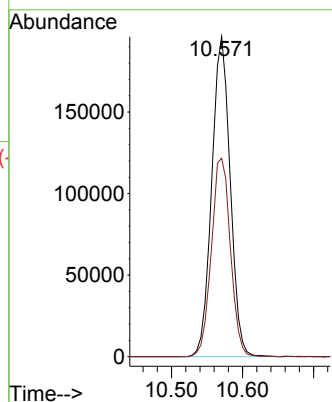
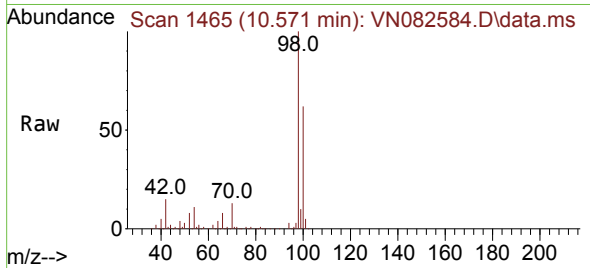




#50
Toluene-d8
Concen: 51.458 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082584.D
Acq: 14 Jun 2024 15:39

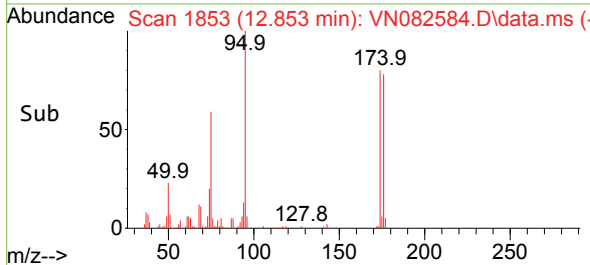
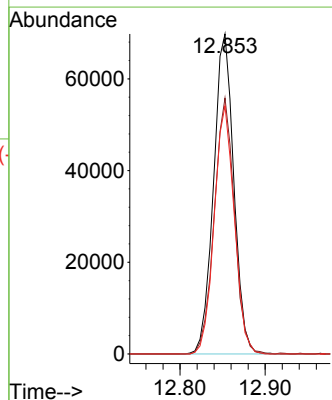
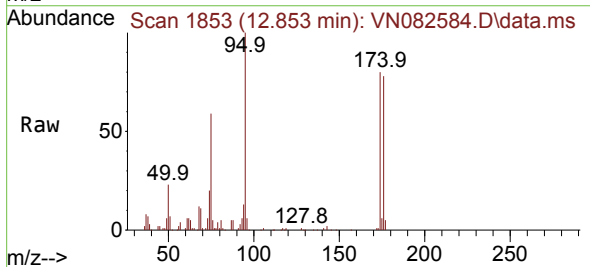
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-420-422

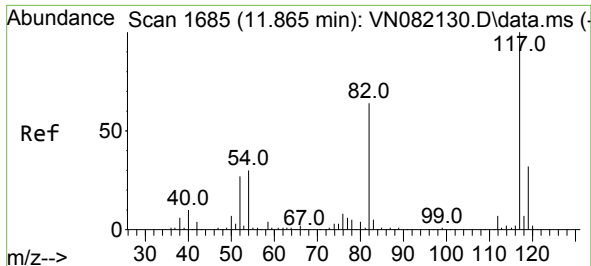
Tgt Ion: 98 Resp: 353417
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.079 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082584.D
Acq: 14 Jun 2024 15:39

Tgt Ion: 95 Resp: 115410
Ion Ratio Lower Upper
95 100
174 79.6 0.0 160.6
176 76.9 0.0 152.8

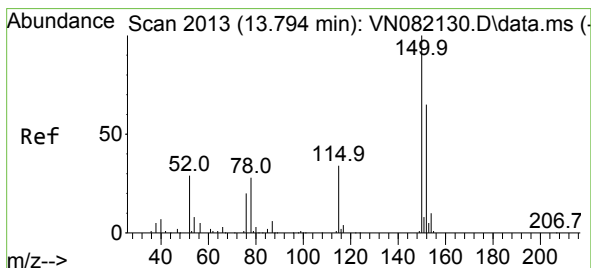
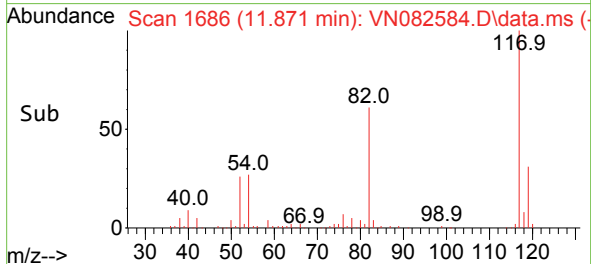
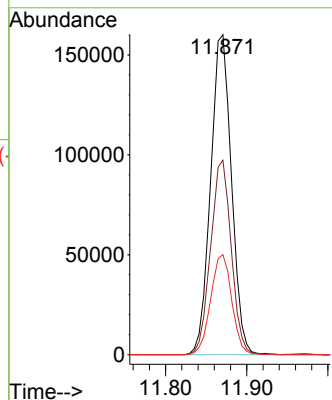
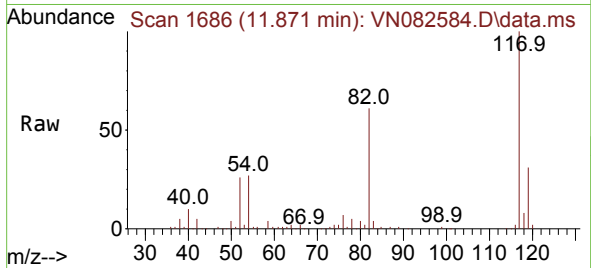




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082584.D
Acq: 14 Jun 2024 15:39

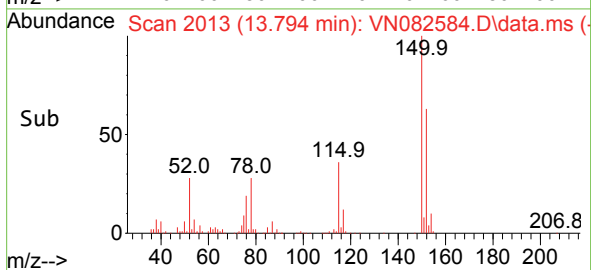
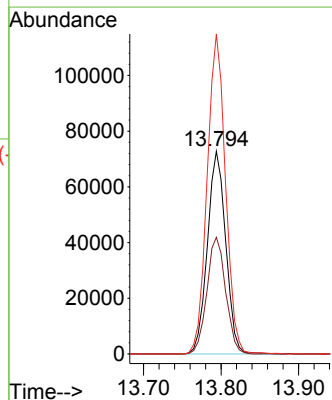
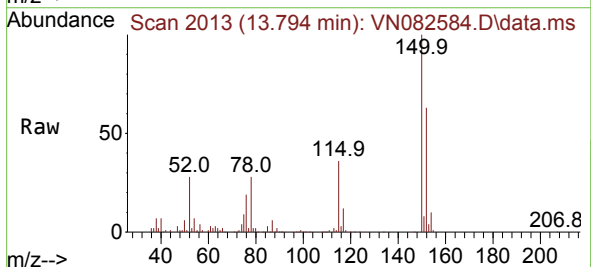
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-420-422

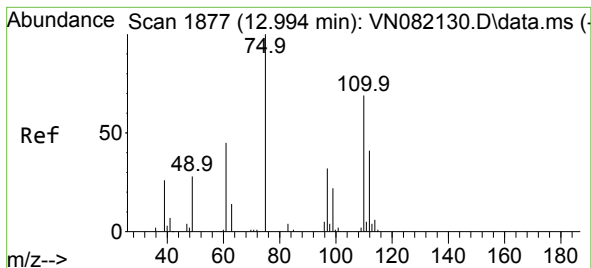
Tgt Ion:117 Resp: 285825
Ion Ratio Lower Upper
117 100
82 60.7 44.6 66.8
119 31.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082584.D
Acq: 14 Jun 2024 15:39

Tgt Ion:152 Resp: 119668
Ion Ratio Lower Upper
152 100
115 58.8 30.4 91.3
150 157.4 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 27.423 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082584.D

Acq: 14 Jun 2024 15:39

Instrument :

MSVOA_N

ClientSampleId :

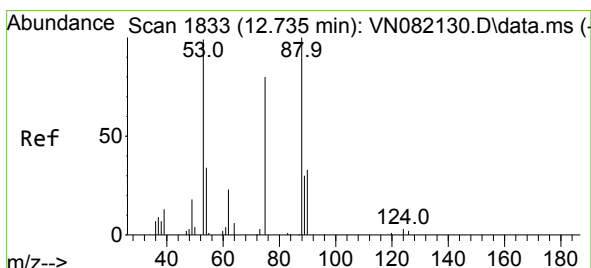
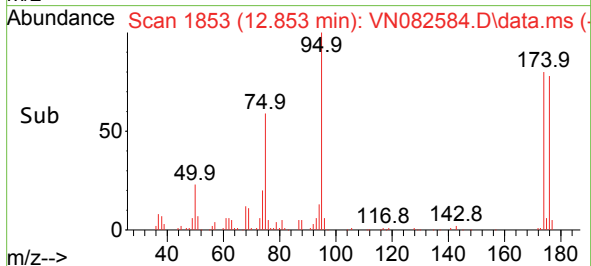
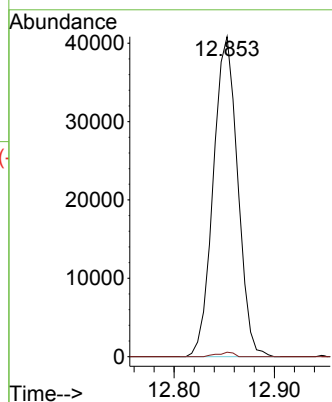
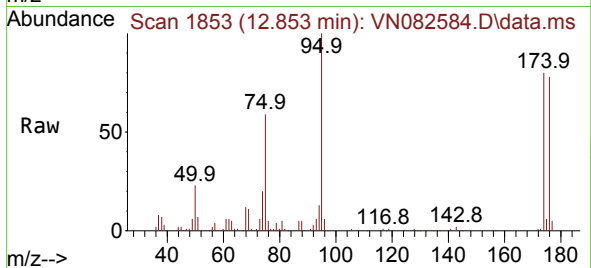
BP-VPB-196-GW-420-422

Tgt Ion: 75 Resp: 69072

Ion Ratio Lower Upper

75 100

77 0.9 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.142 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN082584.D

Acq: 14 Jun 2024 15:39

Tgt Ion: 75 Resp: 69072

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 39.1 58.7#

