

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061224\
 Data File : VN082537.D
 Acq On : 12 Jun 2024 18:36
 Operator : JC\MD
 Sample : P2838-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-340-342

Quant Time: Jun 12 19:04:36 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)

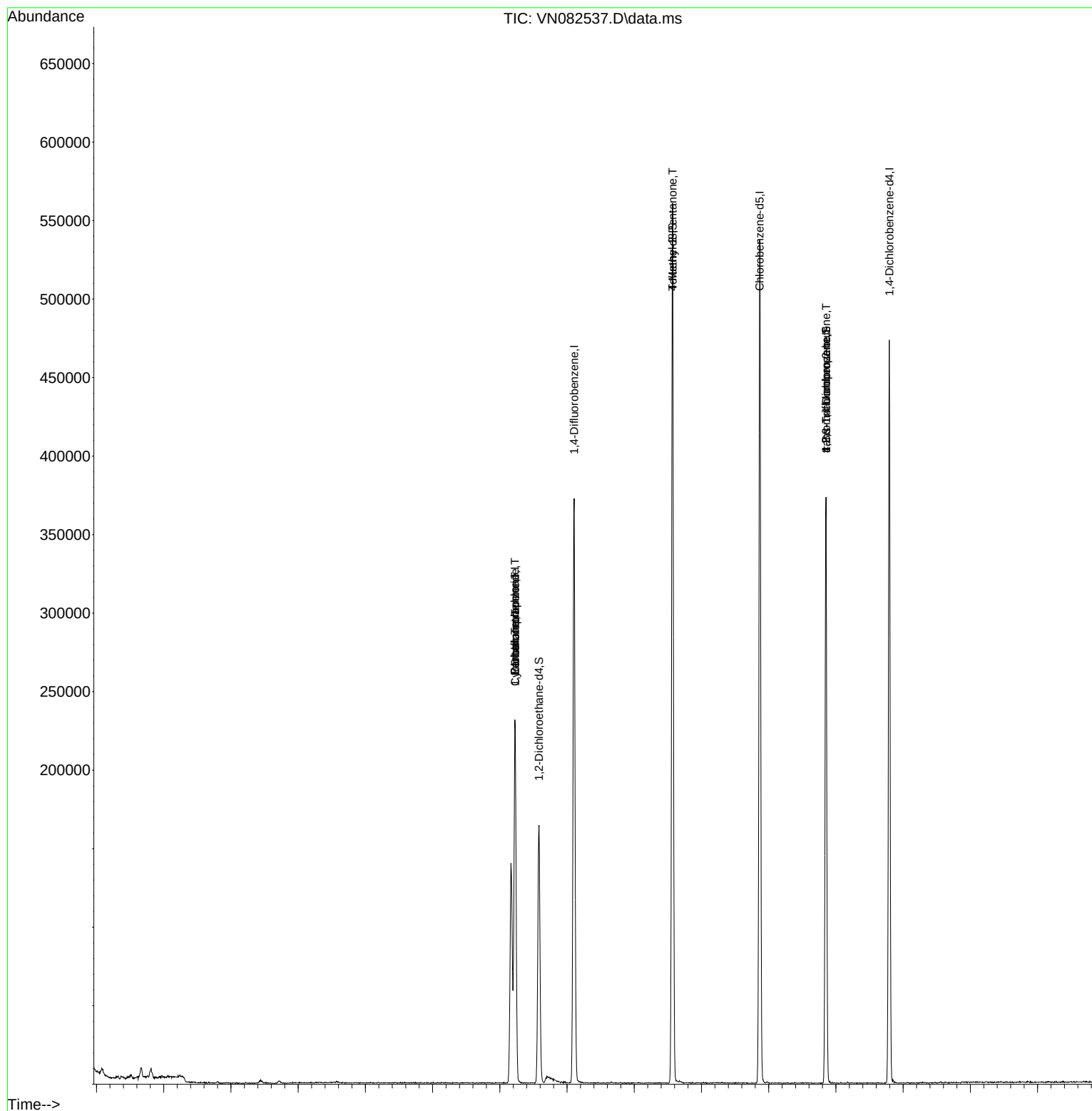
Internal Standards						
1) Pentafluorobenzene	8.224	168	159243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	293075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	290659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	134278	53.402	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	=	106.800%	
35) Dibromofluoromethane	8.165	113	97861	54.281	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	=	108.560%	
50) Toluene-d8	10.571	98	363382	52.572	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	=	105.140%	
62) 4-Bromofluorobenzene	12.853	95	119974	48.630	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	=	97.260%	
Target Compounds						
3) Chloromethane	2.360	50	1589	0.611	ug/l	90
16) Acetone	4.442	43	3908	3.789	ug/l #	87
17) Carbon Disulfide	4.701	76	1303	0.232	ug/l #	74
31) Cyclohexane	8.230	56	4515	1.124	ug/l #	36
36) 1,1-Dichloropropene	8.230	75	15071	4.984	ug/l #	51
38) Carbon Tetrachloride	8.224	117	17466	5.698	ug/l #	17
43) Isopropyl Acetate	8.712	43	3776	0.630	ug/l #	52
51) 4-Methyl-2-Pentanone	10.571	43	1923	0.564	ug/l #	1
71) Bromoform	12.835	173	211	0.825	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	69943	27.988	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	69943	65.463	ug/l #	13

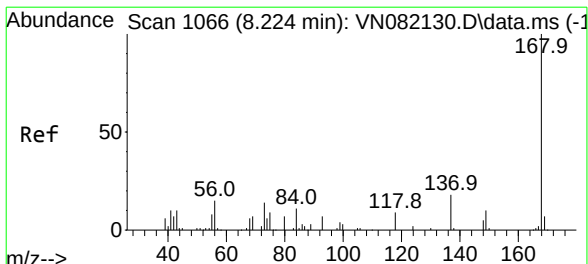
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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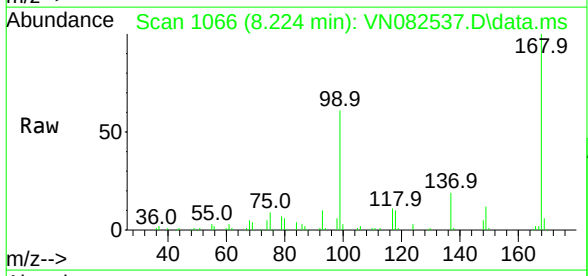
Quant Time: Jun 12 19:04:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration



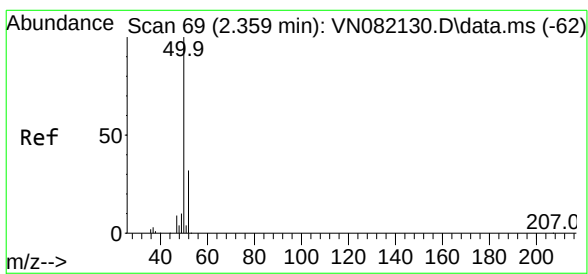
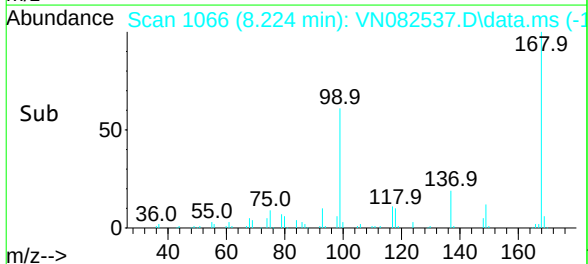
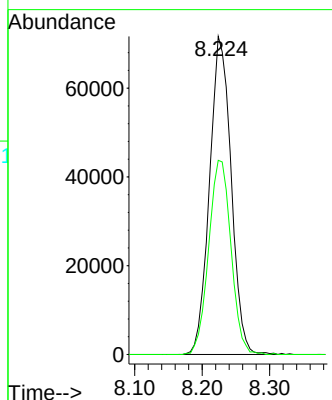


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN082537.D
Acq: 12 Jun 2024 18:36

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-340-342

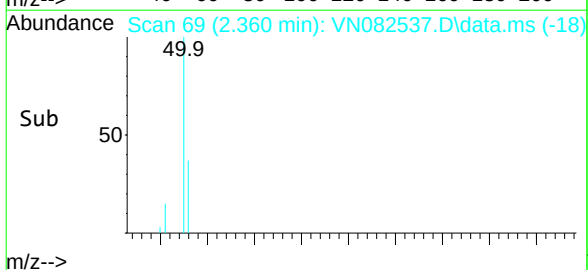
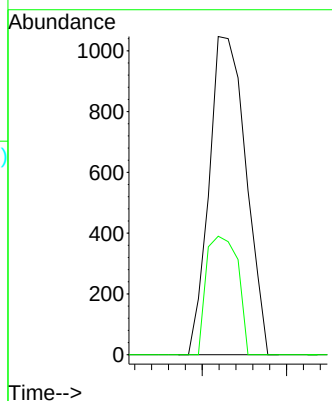
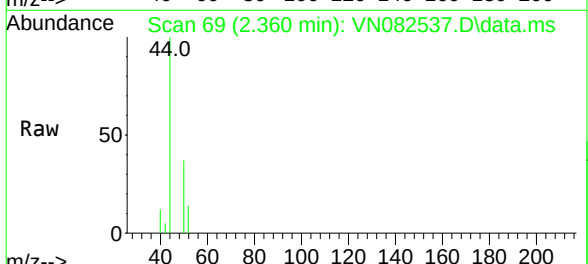


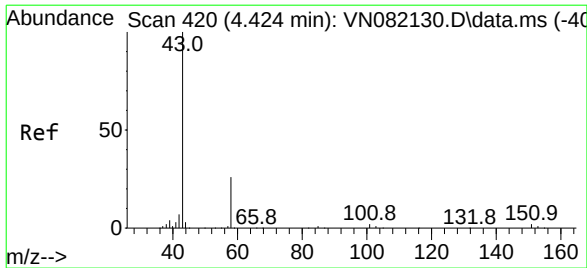
Tgt Ion: 168 Resp: 159243
Ion Ratio Lower Upper
168 100
99 61.0 48.2 72.4



#3
Chloromethane
Concen: 0.611 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082537.D
Acq: 12 Jun 2024 18:36

Tgt Ion: 50 Resp: 1589
Ion Ratio Lower Upper
50 100
52 37.2 25.5 38.3





#16

Acetone

Concen: 3.789 ug/l

RT: 4.442 min Scan# 42

Delta R.T. 0.018 min

Lab File: VN082537.D

Acq: 12 Jun 2024 18:36

Instrument :

MSVOA_N

ClientSampleId :

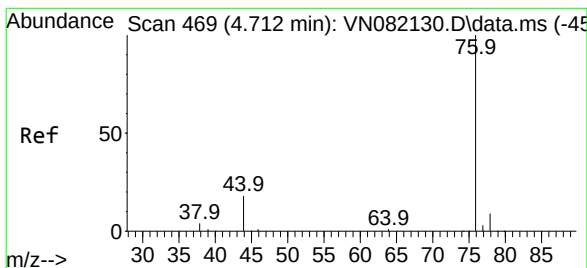
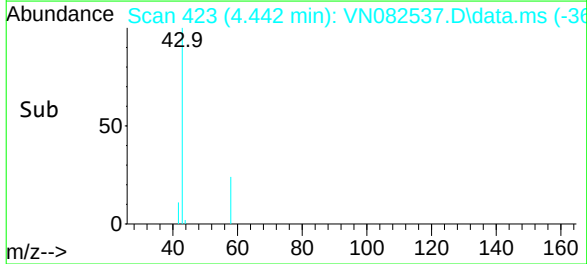
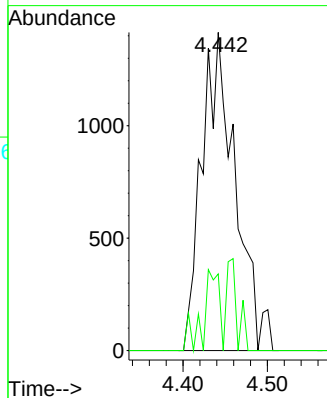
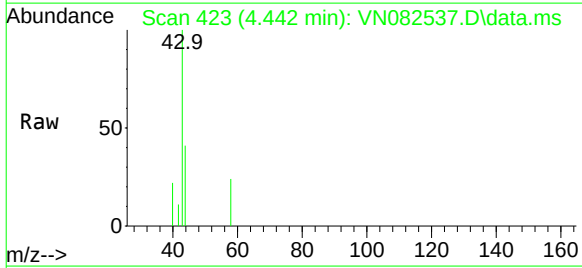
BP-VPB-196-GW-340-342

Tgt Ion: 43 Resp: 3908

Ion Ratio Lower Upper

43 100

58 24.1 25.2 37.8#



#17

Carbon Disulfide

Concen: 0.232 ug/l

RT: 4.701 min Scan# 467

Delta R.T. -0.012 min

Lab File: VN082537.D

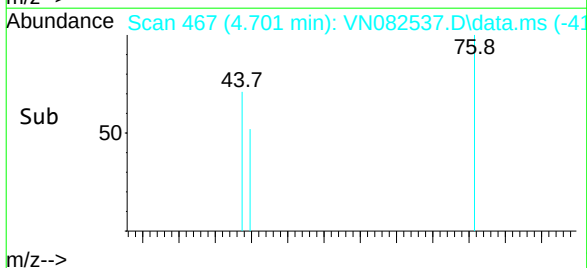
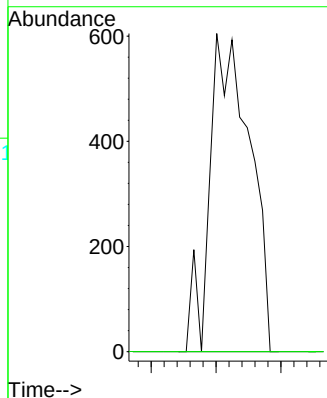
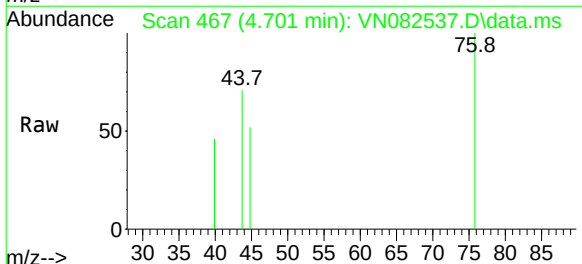
Acq: 12 Jun 2024 18:36

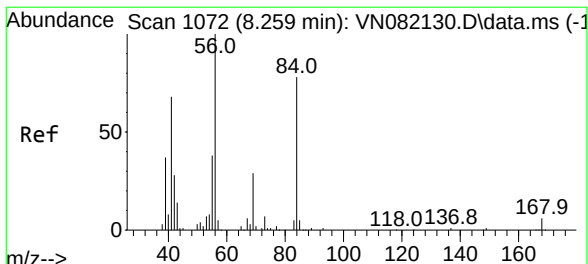
Tgt Ion: 76 Resp: 1303

Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#

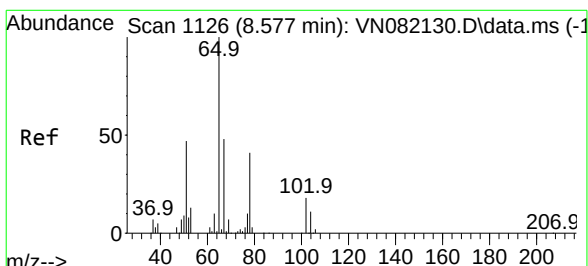
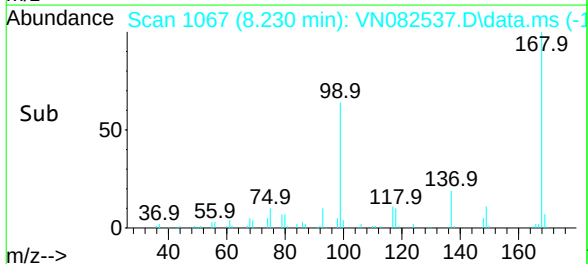
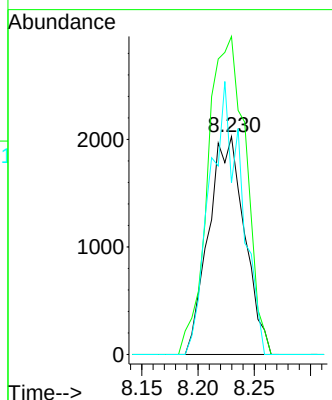
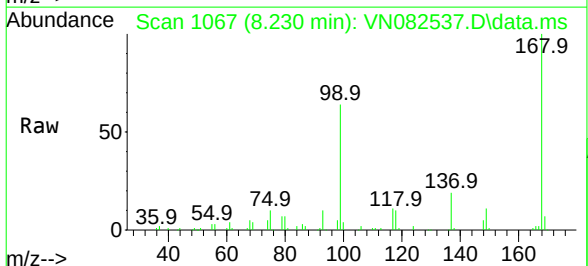




#31
Cyclohexane
Concen: 1.124 ug/l
RT: 8.230 min Scan# 1072
Delta R.T. -0.029 min
Lab File: VN082537.D
Acq: 12 Jun 2024 18:36

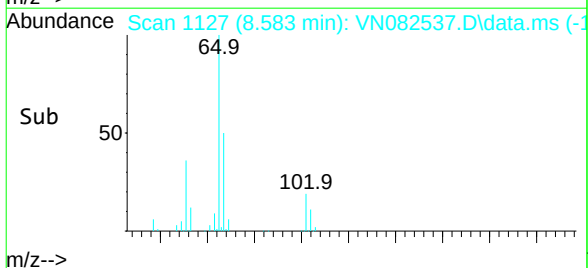
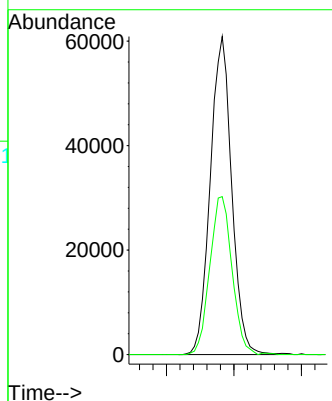
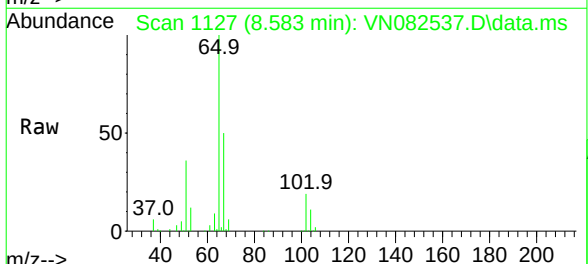
Instrument : MSVOA_N
ClientSampleId : BP-VPB-196-GW-340-342

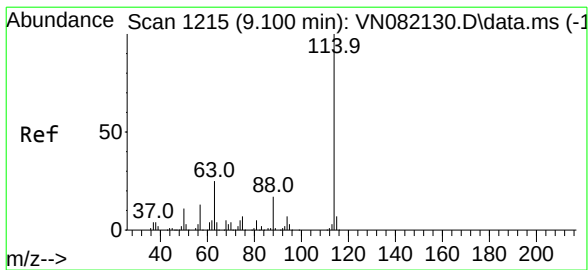
Tgt Ion:	56	Resp:	4515
Ion	Ratio	Lower	Upper
56	100		
69	146.0	24.4	36.6#
84	78.8	77.0	115.4



#33
1,2-Dichloroethane-d4
Concen: 53.402 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082537.D
Acq: 12 Jun 2024 18:36

Tgt Ion:	65	Resp:	134278
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN082537.D

Acq: 12 Jun 2024 18:36

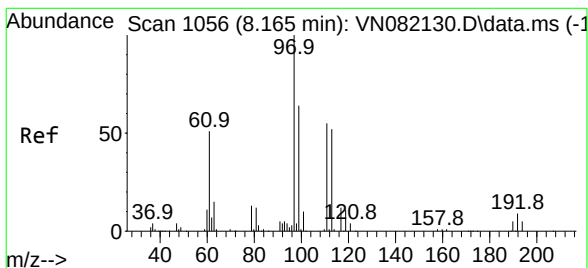
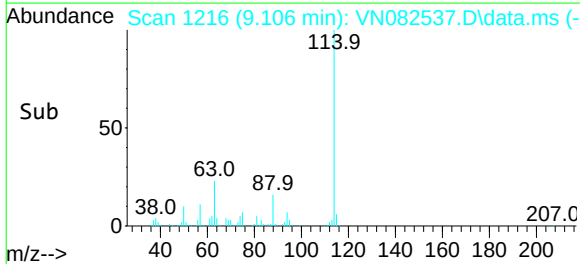
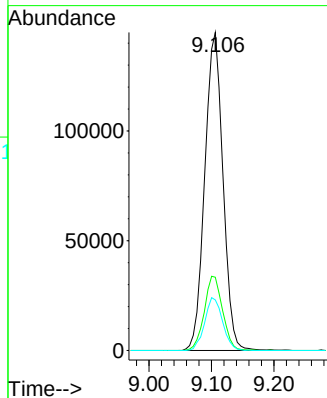
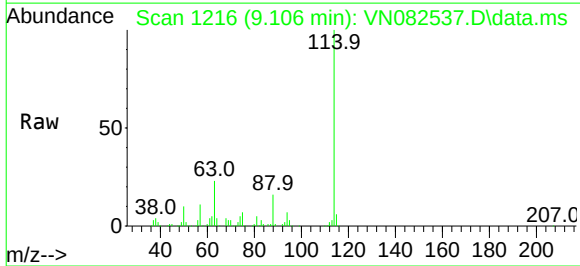
Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-340-342

Tgt Ion:	114	Resp:	293075
Ion Ratio	Lower	Upper	
114	100		
63	23.0	0.0	41.0
88	15.9	0.0	31.4



#35

Dibromofluoromethane

Concen: 54.281 ug/l

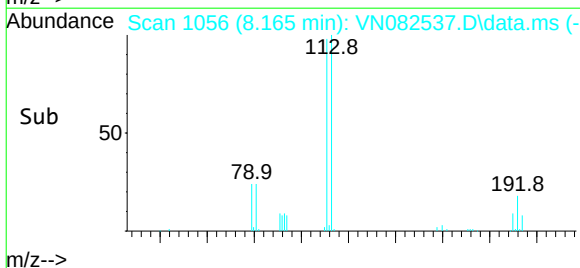
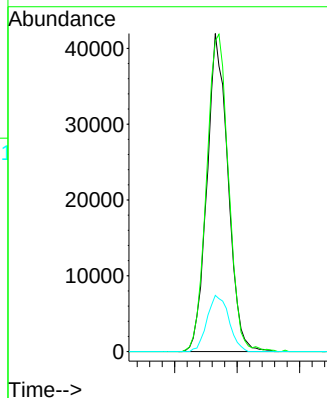
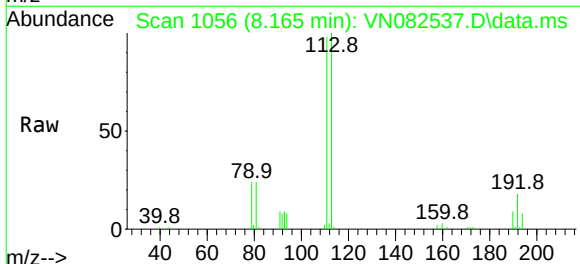
RT: 8.165 min Scan# 1056

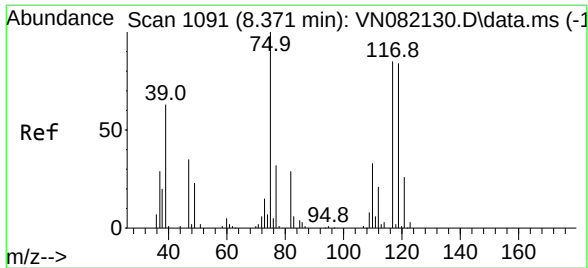
Delta R.T. 0.000 min

Lab File: VN082537.D

Acq: 12 Jun 2024 18:36

Tgt Ion:	113	Resp:	97861
Ion Ratio	Lower	Upper	
113	100		
111	104.6	83.4	125.2
192	18.3	14.0	21.0

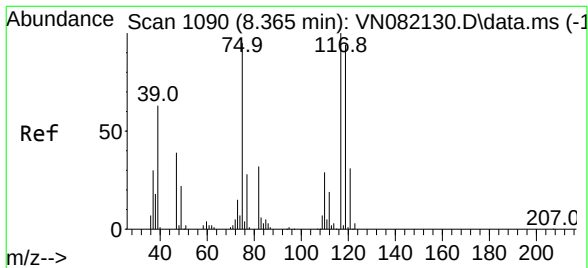
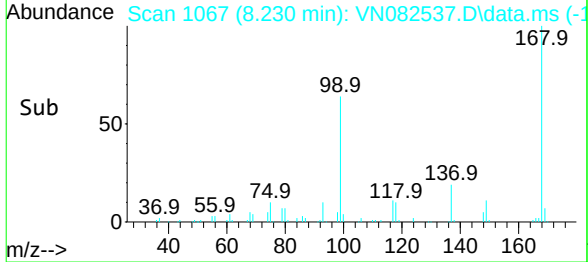
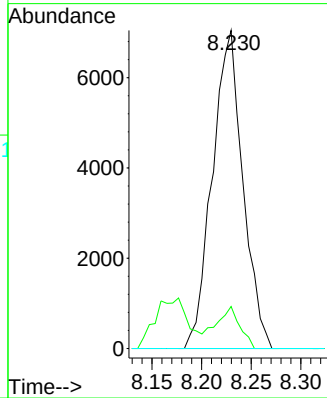
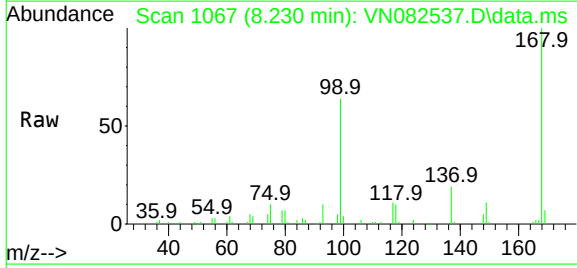




#36
1,1-Dichloropropene
Concen: 4.984 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082537.D
Acq: 12 Jun 2024 18:36

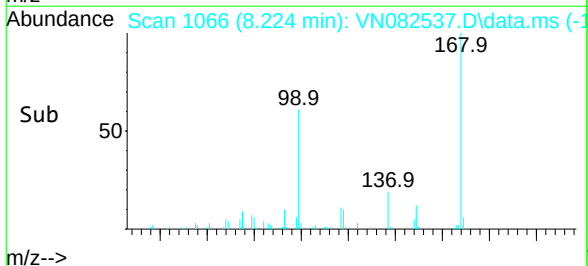
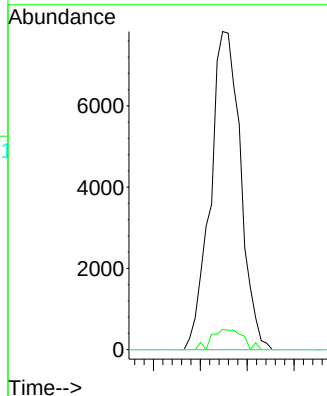
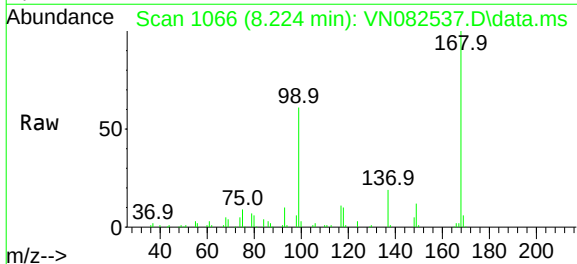
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-340-342

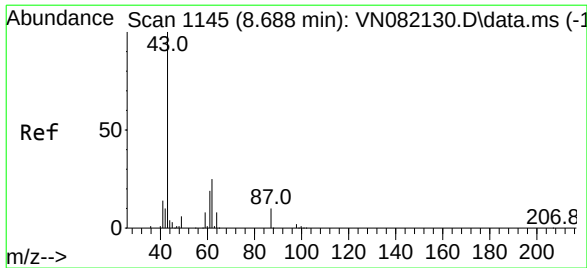
Tgt Ion:	75	Resp:	15071
Ion	Ratio	Lower	Upper
75	100		
110	10.4	17.8	53.5#
77	0.0	25.0	37.4#



#38
Carbon Tetrachloride
Concen: 5.698 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082537.D
Acq: 12 Jun 2024 18:36

Tgt Ion:	117	Resp:	17466
Ion	Ratio	Lower	Upper
117	100		
119	6.3	76.5	114.7#
121	0.0	23.9	35.9#





#43

Isopropyl Acetate

Concen: 0.630 ug/l

RT: 8.712 min Scan# 1145

Delta R.T. 0.024 min

Lab File: VN082537.D

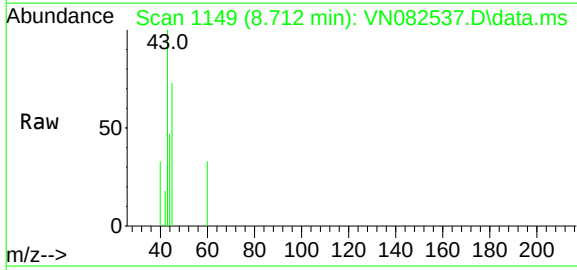
Acq: 12 Jun 2024 18:36

Instrument :

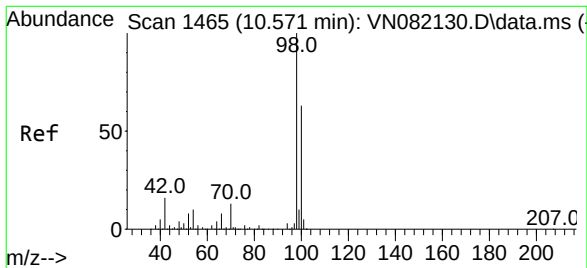
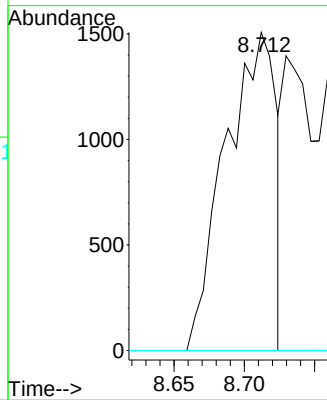
MSVOA_N

ClientSampleId :

BP-VPB-196-GW-340-342



Tgt Ion: 43	Resp: 3776
Ion Ratio	Lower Upper
43 100	
61 0.0	22.8 34.2#
87 0.0	12.0 18.0#



#50

Toluene-d8

Concen: 52.572 ug/l

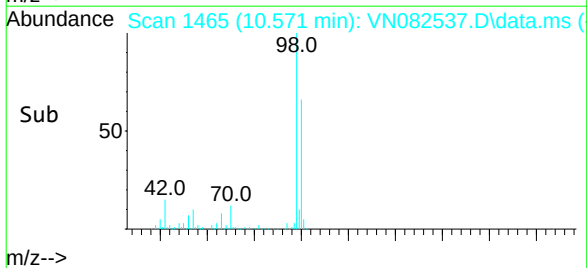
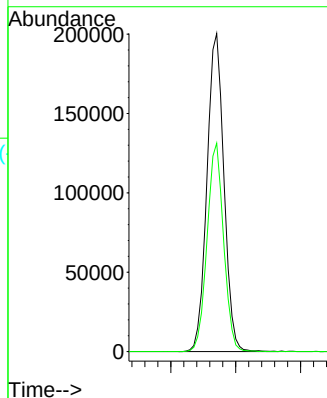
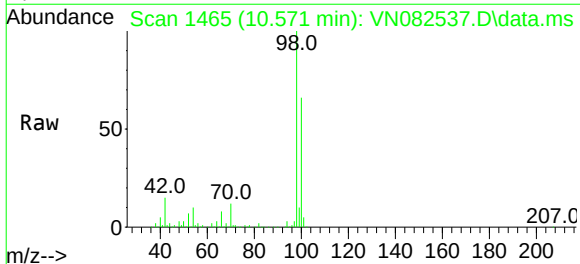
RT: 10.571 min Scan# 1465

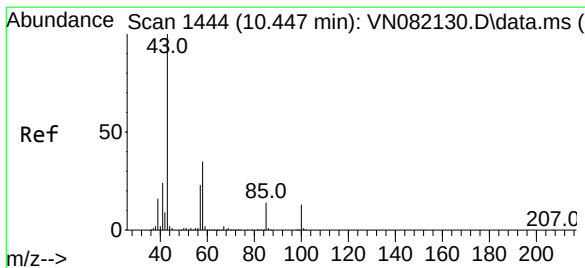
Delta R.T. 0.000 min

Lab File: VN082537.D

Acq: 12 Jun 2024 18:36

Tgt Ion: 98	Resp: 363382
Ion Ratio	Lower Upper
98 100	
100 63.7	51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 0.564 ug/l

RT: 10.571 min Scan# 14

Delta R.T. 0.124 min

Lab File: VN082537.D

Acq: 12 Jun 2024 18:36

Instrument :

MSVOA_N

ClientSampleId :

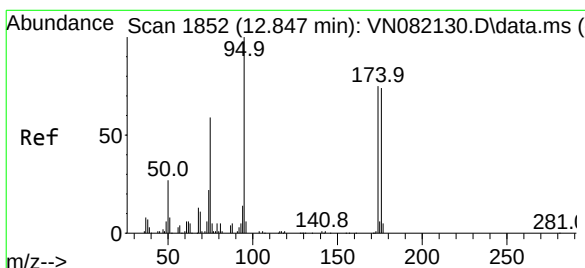
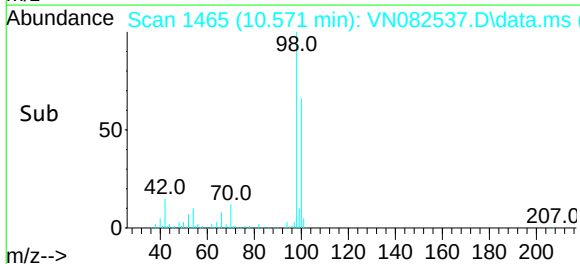
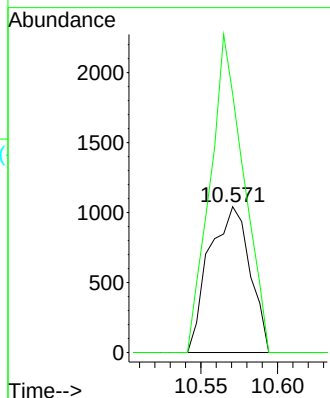
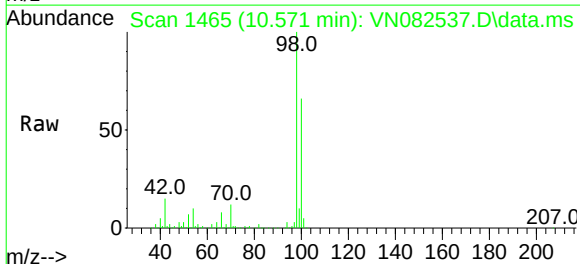
BP-VPB-196-GW-340-342

Tgt Ion: 43 Resp: 1923

Ion Ratio Lower Upper

43 100

58 180.0 33.2 49.8#



#62

4-Bromofluorobenzene

Concen: 48.630 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082537.D

Acq: 12 Jun 2024 18:36

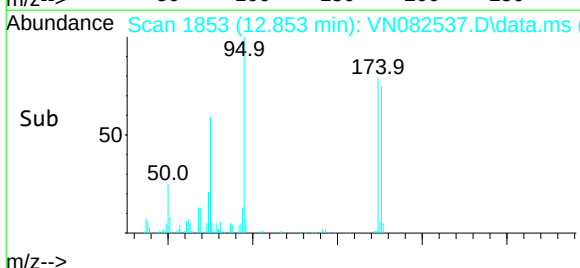
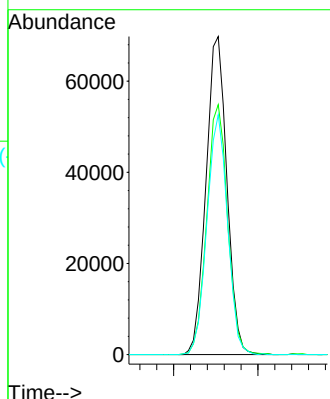
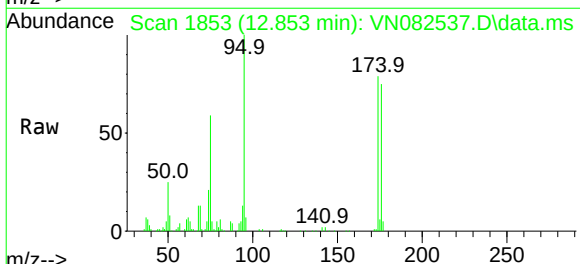
Tgt Ion: 95 Resp: 119974

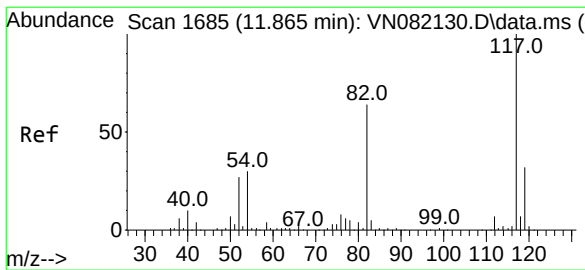
Ion Ratio Lower Upper

95 100

174 78.6 0.0 160.6

176 74.1 0.0 152.8

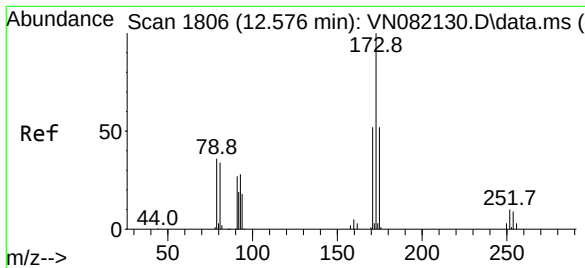
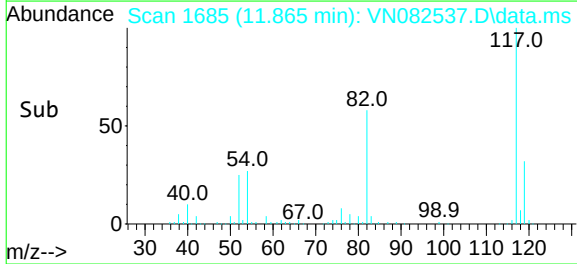
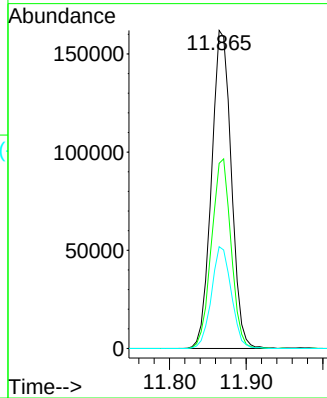
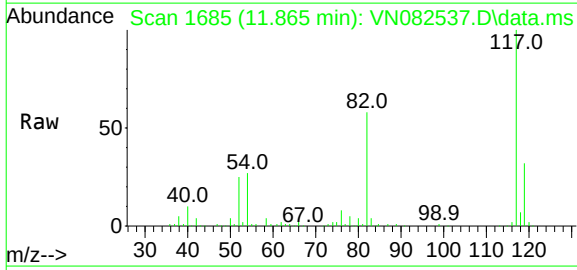




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082537.D
Acq: 12 Jun 2024 18:36

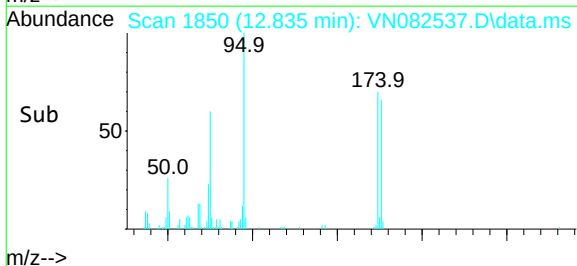
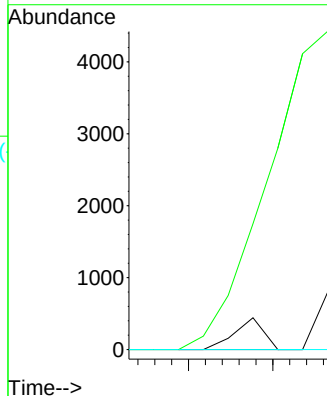
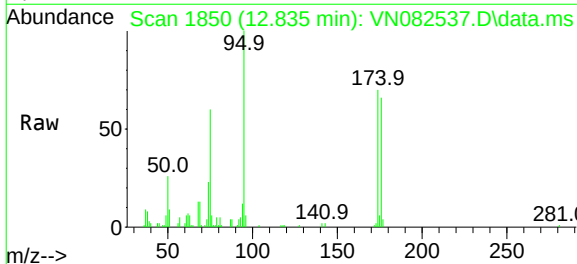
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-340-342

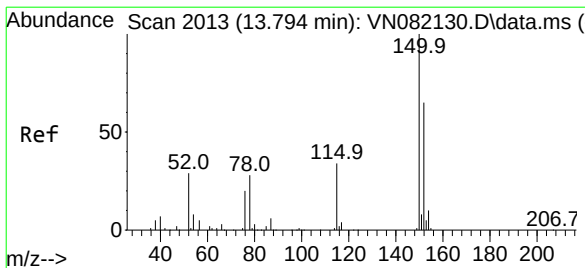
Tgt Ion:	117	Resp:	290659
Ion	Ratio	Lower	Upper
117	100		
82	58.2	44.6	66.8
119	32.0	25.9	38.9



#71
Bromoform
Concen: 0.825 ug/l
RT: 12.835 min Scan# 1850
Delta R.T. 0.259 min
Lab File: VN082537.D
Acq: 12 Jun 2024 18:36

Tgt Ion:	173	Resp:	211
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# 20

Delta R.T. 0.000 min

Lab File: VN082537.D

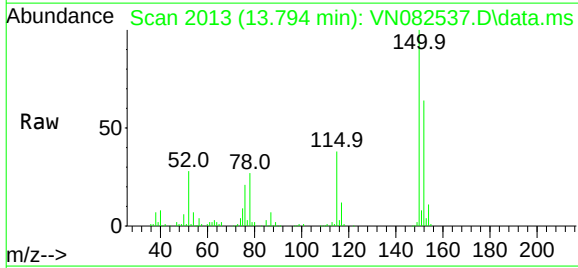
Acq: 12 Jun 2024 18:36

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-340-342



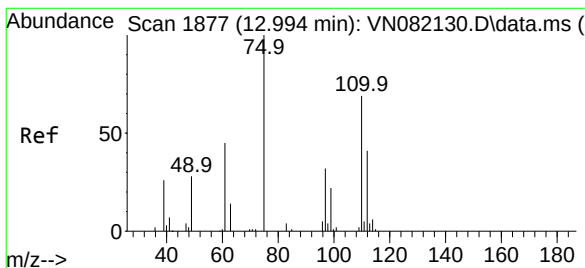
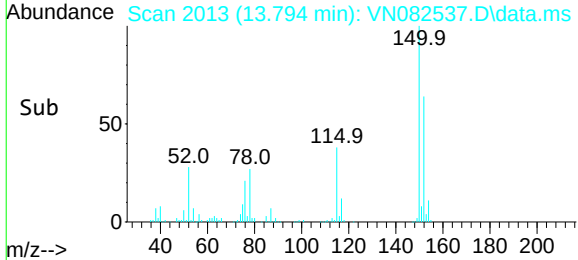
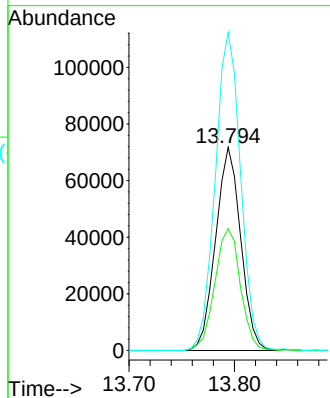
Tgt Ion:152 Resp: 118732

Ion Ratio Lower Upper

152 100

115 61.2 30.4 91.3

150 158.5 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 27.988 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082537.D

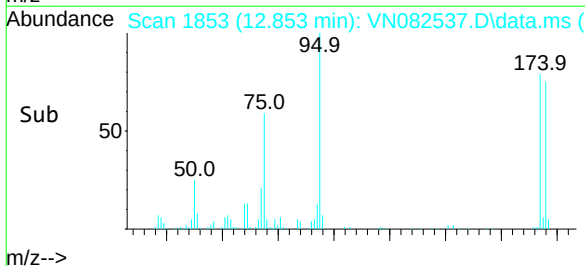
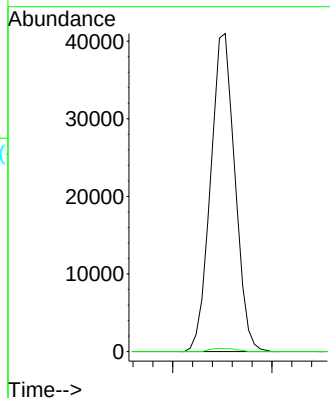
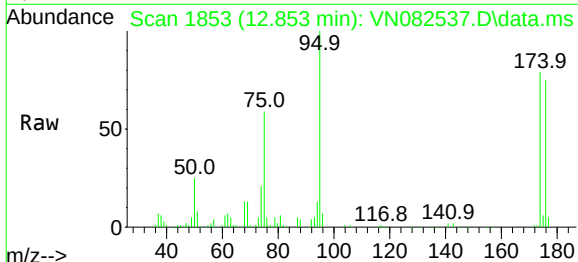
Acq: 12 Jun 2024 18:36

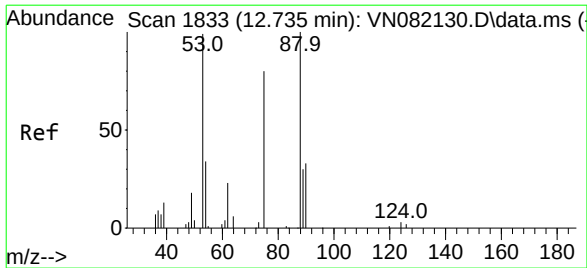
Tgt Ion: 75 Resp: 69943

Ion Ratio Lower Upper

75 100

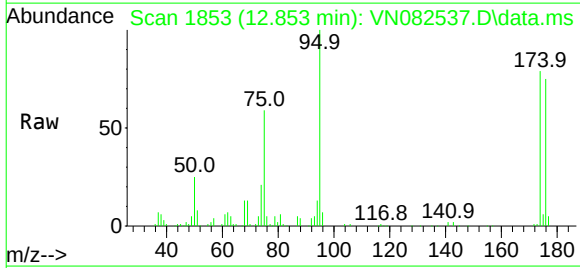
77 1.1 90.5 271.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.463 ug/l
RT: 12.853 min Scan# 18
Delta R.T. 0.118 min
Lab File: VN082537.D
Acq: 12 Jun 2024 18:36

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-340-342



Tgt Ion:	75	Resp:	69943
Ion	Ratio	Lower	Upper
75	100		
53	0.1	72.9	109.3#
89	0.0	39.1	58.7#

