

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061224\
 Data File : VN082535.D
 Acq On : 12 Jun 2024 17:47
 Operator : JC\MD
 Sample : P2838-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-300-302

Quant Time: Jun 12 18:38:54 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)

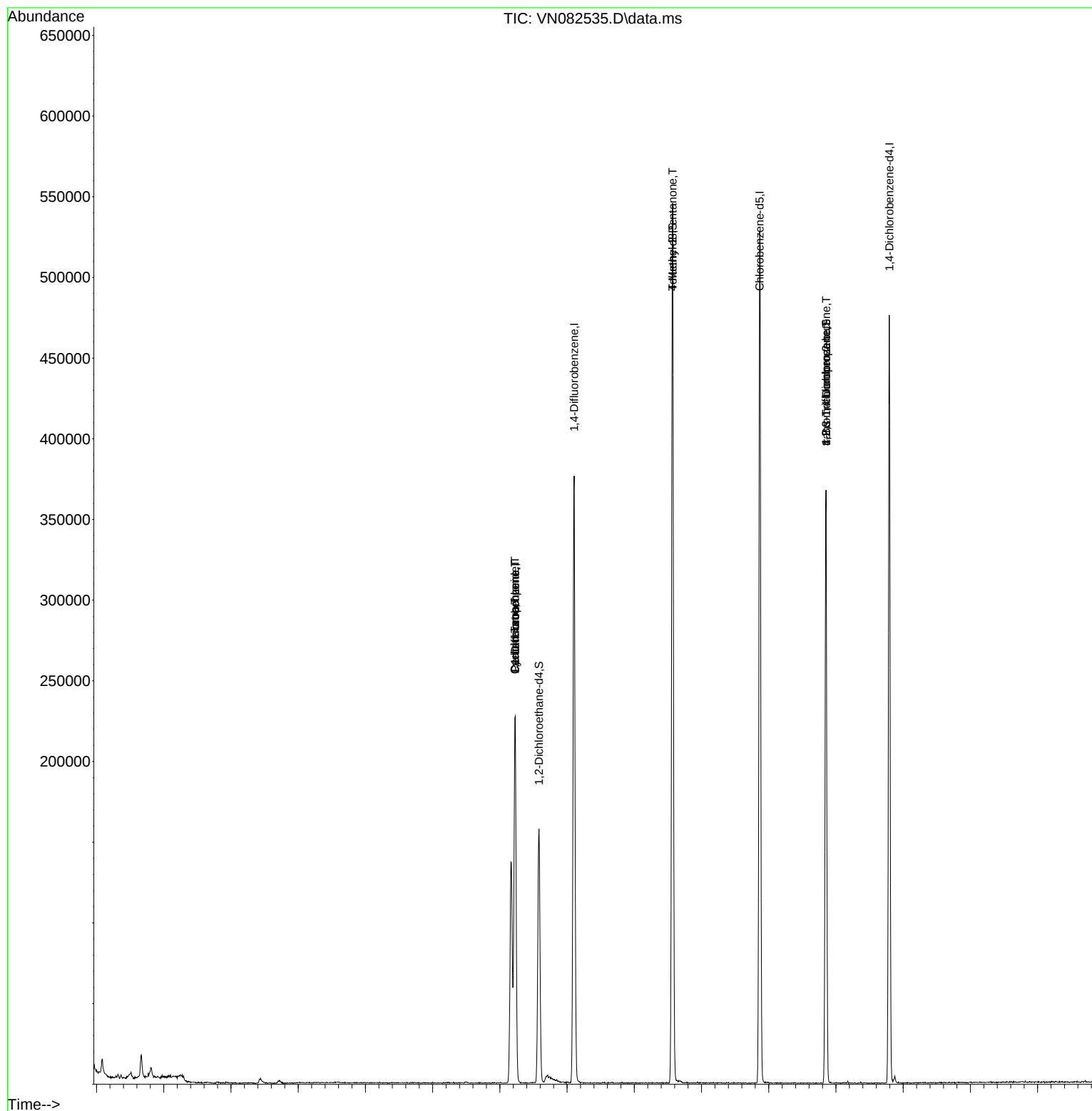
Internal Standards						
1) Pentafluorobenzene	8.230	168	159053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	293826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	132063	52.584	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.160%			
35) Dibromofluoromethane	8.165	113	98119	54.285	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.560%			
50) Toluene-d8	10.571	98	358850	51.784	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.560%			
62) 4-Bromofluorobenzene	12.853	95	119671	48.383	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 96.760%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1655	0.637	ug/l #	81
16) Acetone	4.442	43	5890	5.717	ug/l #	88
17) Carbon Disulfide	4.712	76	1707	0.304	ug/l #	74
25) 2-Butanone	7.494	43	671	0.430	ug/l #	43
31) Cyclohexane	8.224	56	4411	1.100	ug/l #	36
36) 1,1-Dichloropropene	8.224	75	14699	4.849	ug/l #	51
38) Carbon Tetrachloride	8.224	117	16421	5.344	ug/l #	17
43) Isopropyl Acetate	8.712	43	5015	0.834	ug/l #	52
51) 4-Methyl-2-Pentanone	10.571	43	2207	0.646	ug/l #	1
71) Bromoform	12.582	173	70	0.742	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	68449	26.730	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	68449	62.521	ug/l #	12

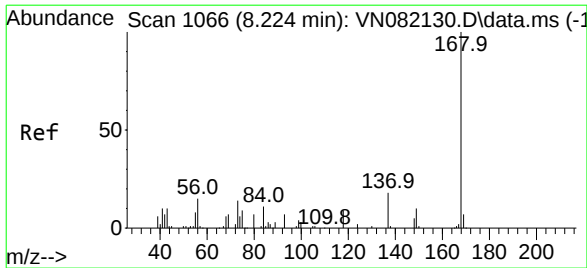
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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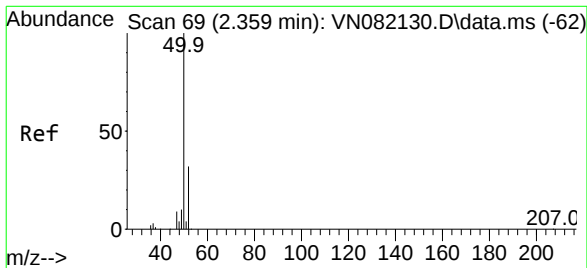
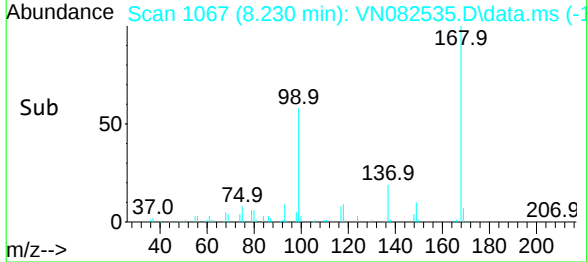
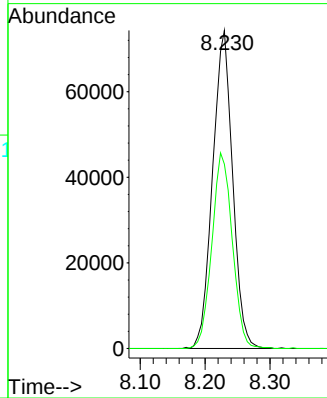
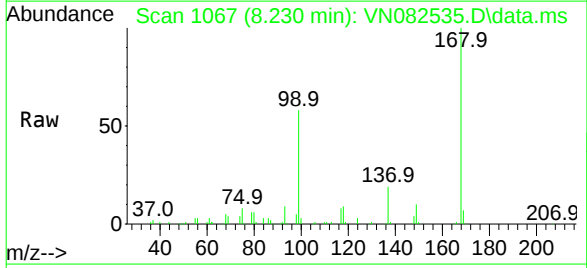




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN082535.D
Acq: 12 Jun 2024 17:47

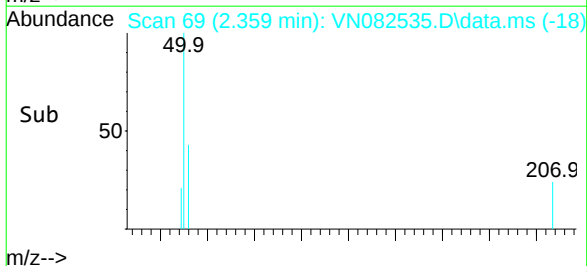
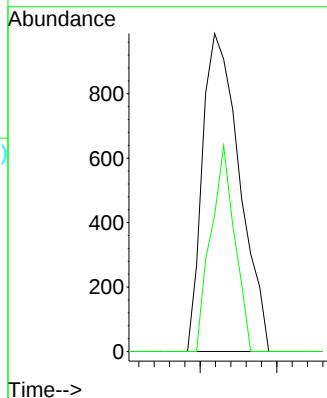
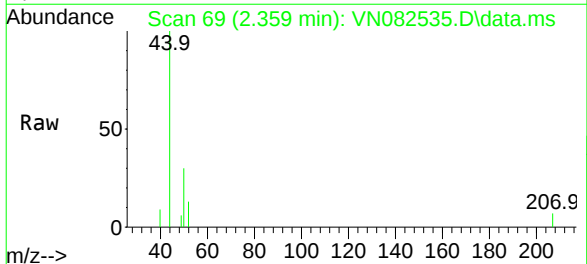
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-300-302

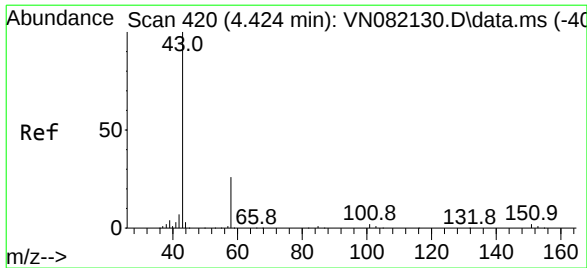
Tgt Ion:168 Resp: 159053
Ion Ratio Lower Upper
168 100
99 58.0 48.2 72.4



#3
Chloromethane
Concen: 0.637 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082535.D
Acq: 12 Jun 2024 17:47

Tgt Ion: 50 Resp: 1655
Ion Ratio Lower Upper
50 100
52 42.8 25.5 38.3#





#16

Acetone

Concen: 5.717 ug/l

RT: 4.442 min Scan# 42

Delta R.T. 0.018 min

Lab File: VN082535.D

Acq: 12 Jun 2024 17:47

Instrument :

MSVOA_N

ClientSampleId :

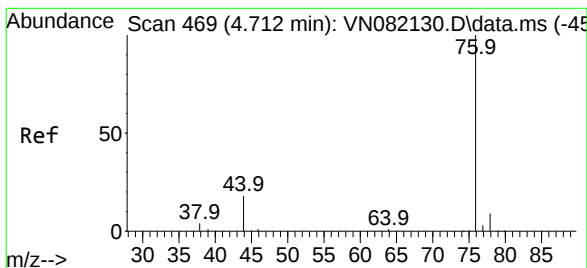
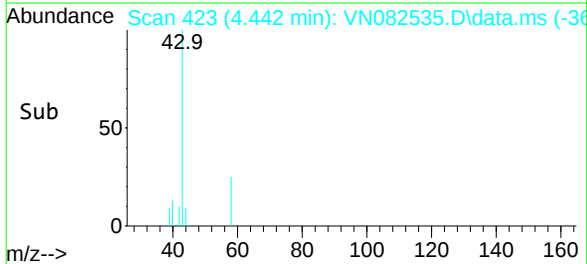
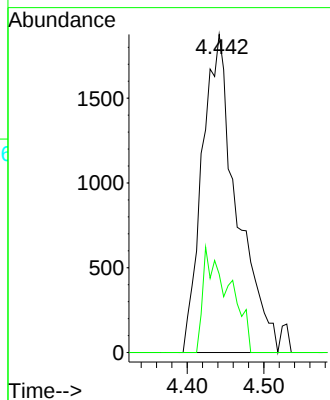
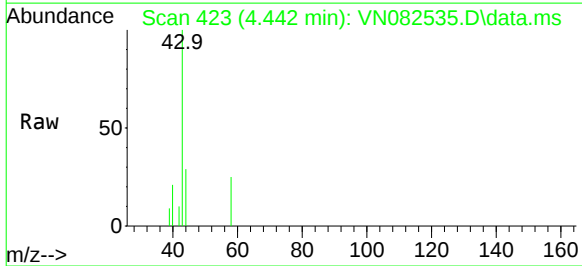
BP-VPB-196-GW-300-302

Tgt Ion: 43 Resp: 5890

Ion Ratio Lower Upper

43 100

58 24.7 25.2 37.8#



#17

Carbon Disulfide

Concen: 0.304 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN082535.D

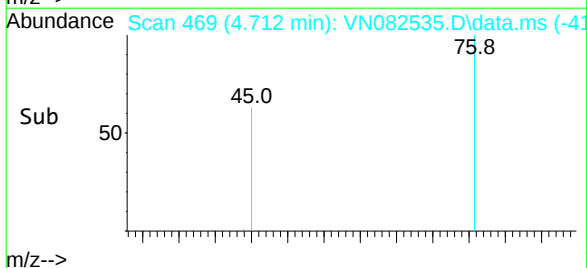
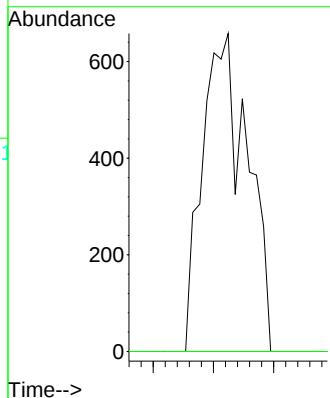
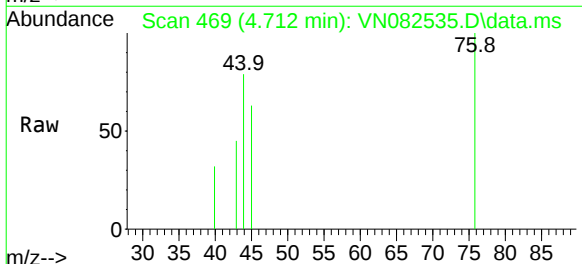
Acq: 12 Jun 2024 17:47

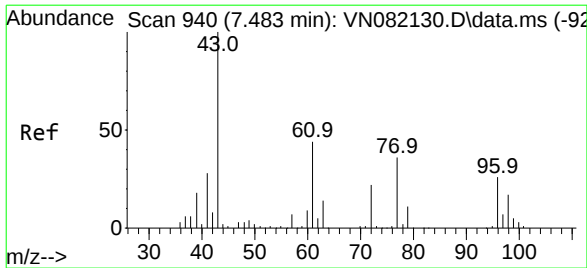
Tgt Ion: 76 Resp: 1707

Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#

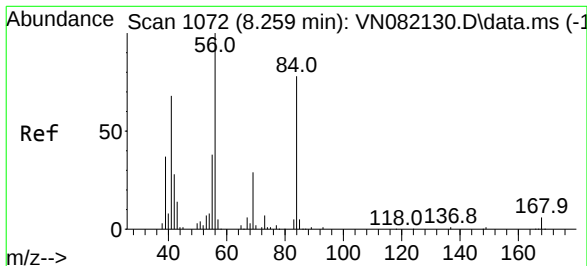
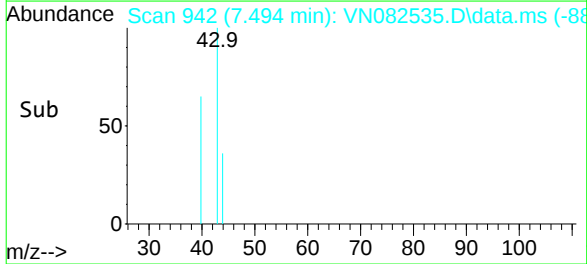
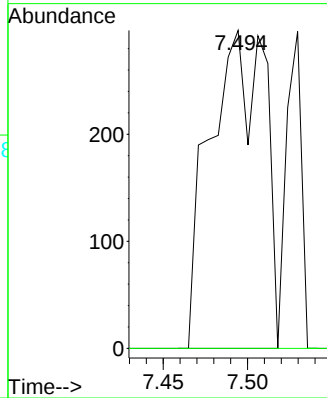
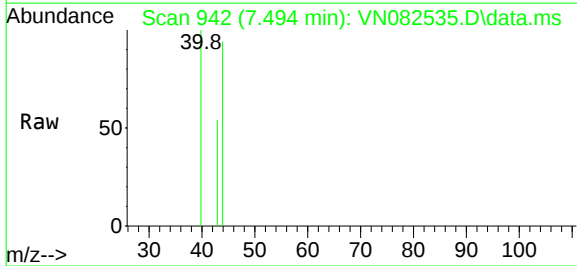




#25
2-Butanone
Concen: 0.430 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN082535.D
Acq: 12 Jun 2024 17:47

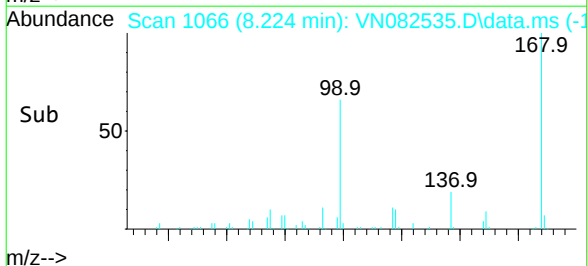
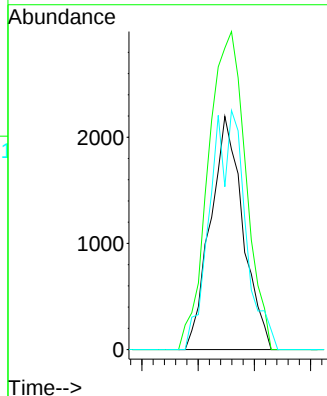
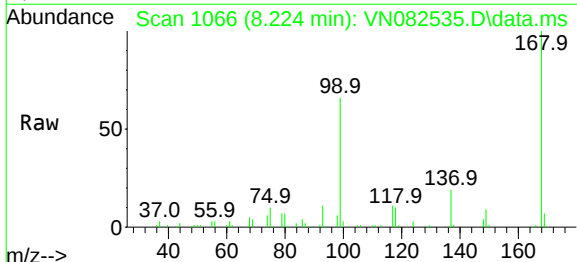
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-300-302

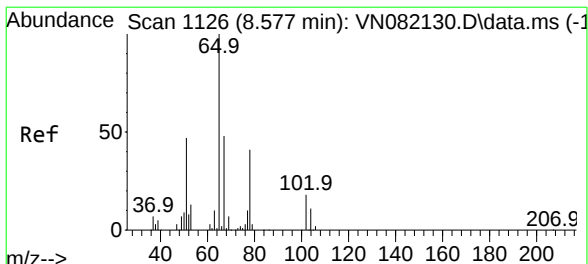
Tgt Ion: 43 Resp: 671
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.100 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082535.D
Acq: 12 Jun 2024 17:47

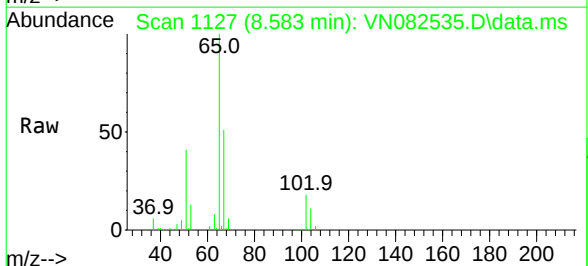
Tgt Ion: 56 Resp: 4411
Ion Ratio Lower Upper
56 100
69 129.4 24.4 36.6#
84 69.9 77.0 115.4#





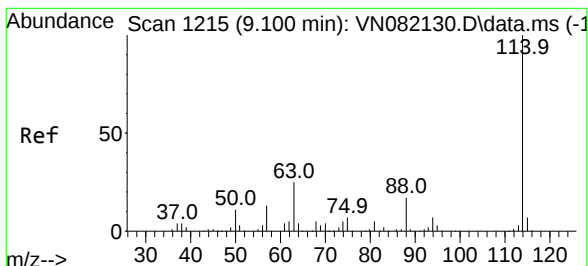
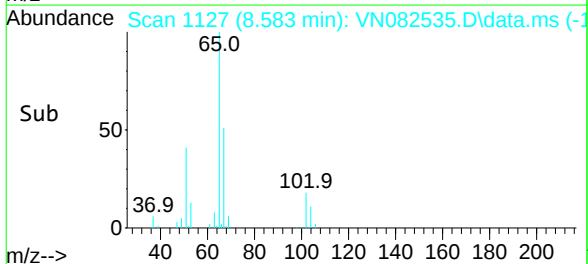
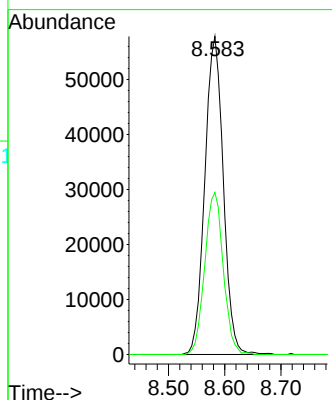
#33
 1,2-Dichloroethane-d4
 Concen: 52.584 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN082535.D
 Acq: 12 Jun 2024 17:47

Instrument : MSVOA_N
 ClientSampleId : BP-VPB-196-GW-300-302



Tgt Ion: 65 Resp: 132063

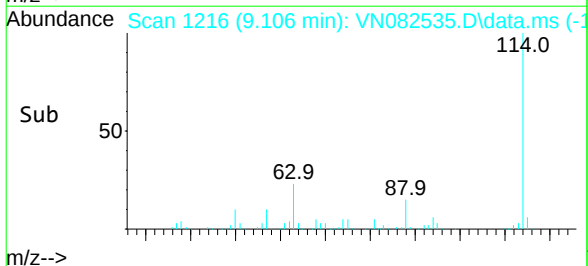
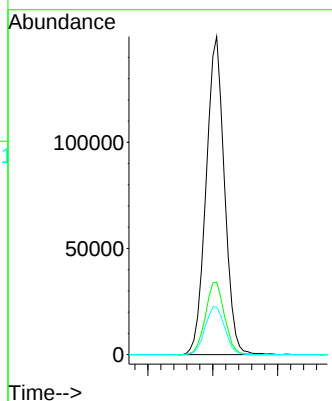
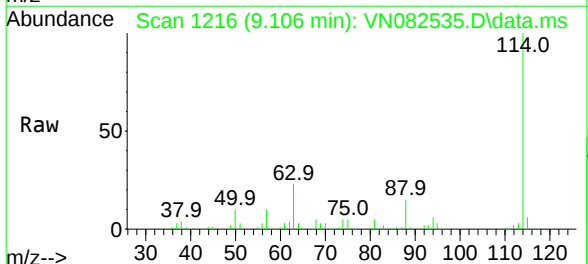
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.0

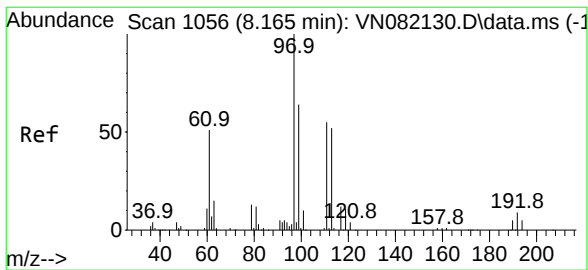


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.006 min
 Lab File: VN082535.D
 Acq: 12 Jun 2024 17:47

Tgt Ion: 114 Resp: 293826

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	41.0
88	15.0	0.0	31.4





#35

Dibromofluoromethane

Concen: 54.285 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082535.D

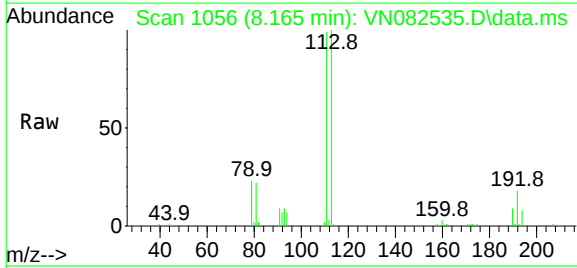
Acq: 12 Jun 2024 17:47

Instrument :

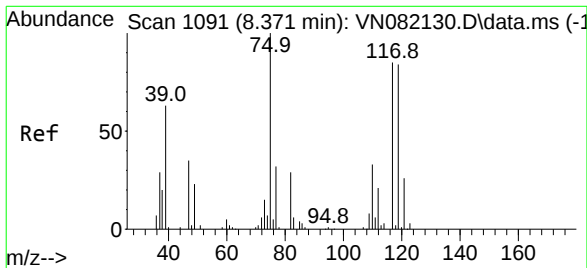
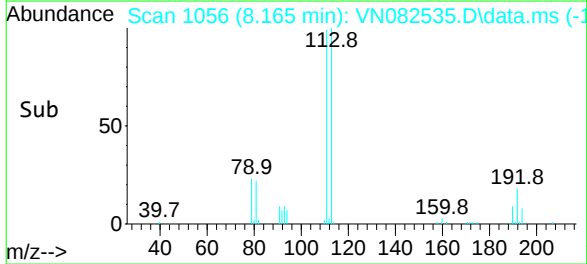
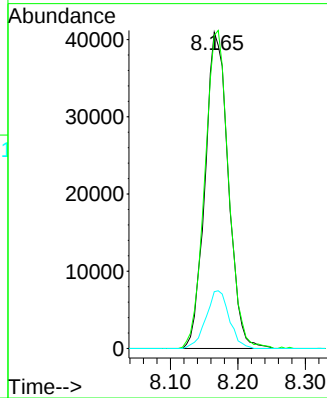
MSVOA_N

ClientSampleId :

BP-VPB-196-GW-300-302



Tgt Ion:	113	Resp:	98119
Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.4	125.2
192	18.2	14.0	21.0



#36

1,1-Dichloropropene

Concen: 4.849 ug/l

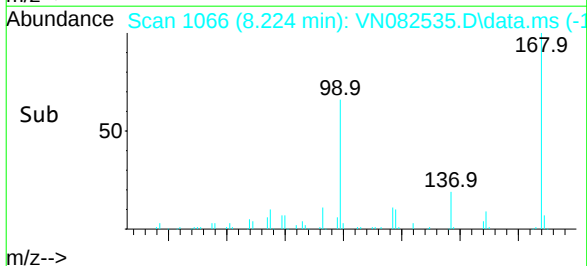
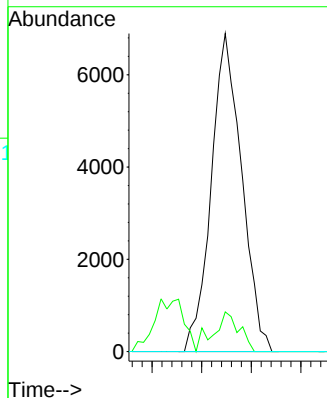
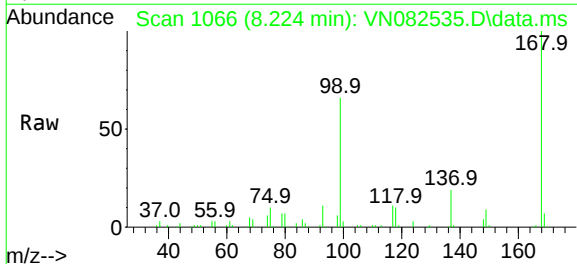
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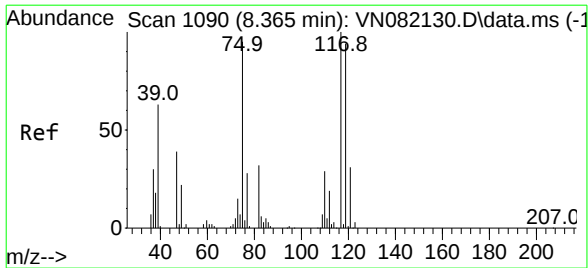
Delta R.T. -0.147 min

Lab File: VN082535.D

Acq: 12 Jun 2024 17:47

Tgt Ion:	75	Resp:	14699
Ion	Ratio	Lower	Upper
75	100		
110	10.5	17.8	53.5#
77	0.0	25.0	37.4#

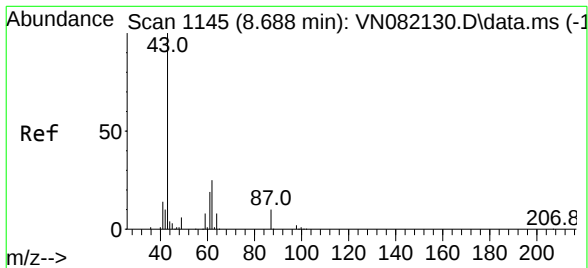
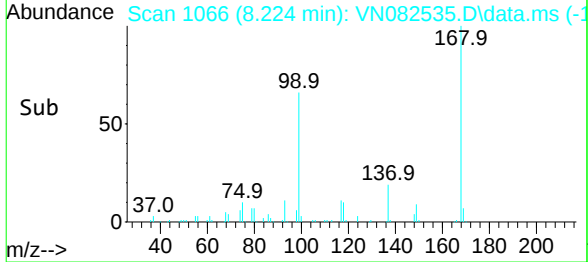
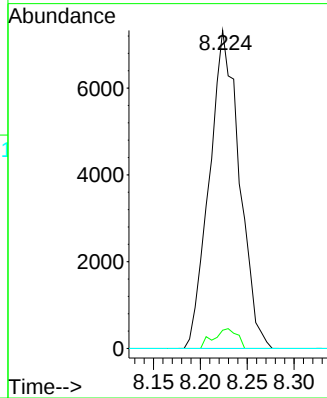
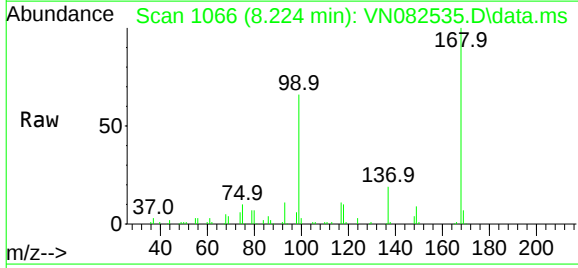




#38
Carbon Tetrachloride
Concen: 5.344 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082535.D
Acq: 12 Jun 2024 17:47

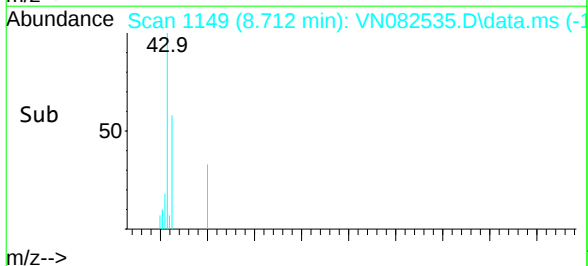
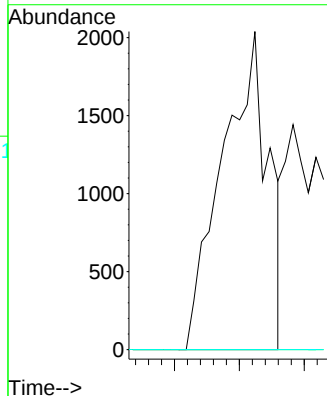
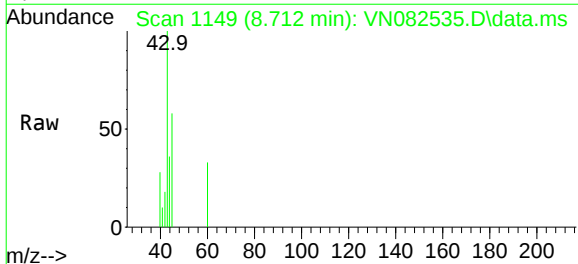
Instrument : MSVOA_N
ClientSampleId : BP-VPB-196-GW-300-302

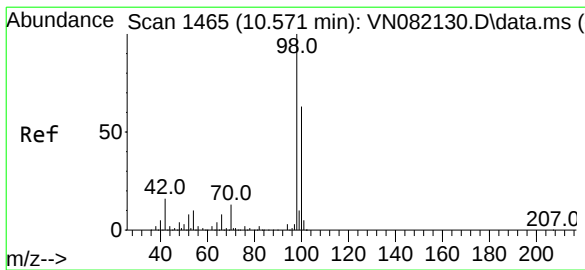
Tgt Ion:	117	Resp:	16421
Ion	Ratio	Lower	Upper
117	100		
119	5.7	76.5	114.7#
121	0.0	23.9	35.9#



#43
Isopropyl Acetate
Concen: 0.834 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.024 min
Lab File: VN082535.D
Acq: 12 Jun 2024 17:47

Tgt Ion:	43	Resp:	5015
Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.8	34.2#
87	0.0	12.0	18.0#





#50

Toluene-d8

Concen: 51.784 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082535.D

Acq: 12 Jun 2024 17:47

Instrument :

MSVOA_N

ClientSampleId :

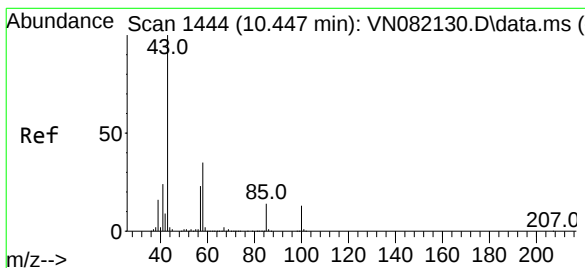
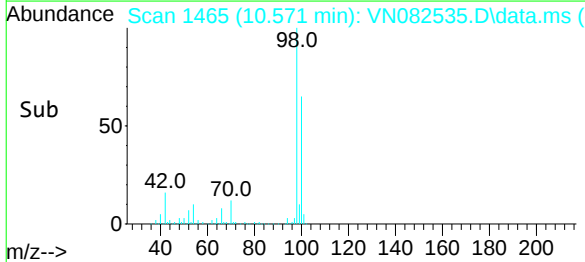
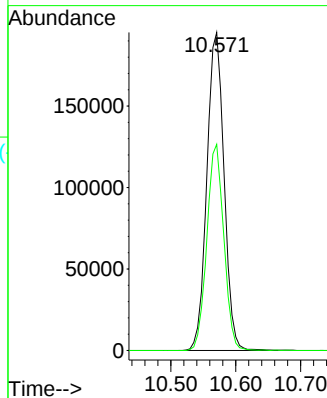
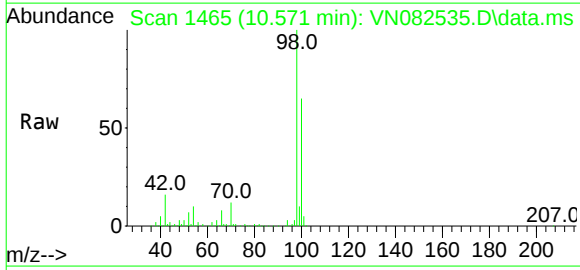
BP-VPB-196-GW-300-302

Tgt Ion: 98 Resp: 358850

Ion Ratio Lower Upper

98 100

100 64.0 51.8 77.6



#51

4-Methyl-2-Pentanone

Concen: 0.646 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.124 min

Lab File: VN082535.D

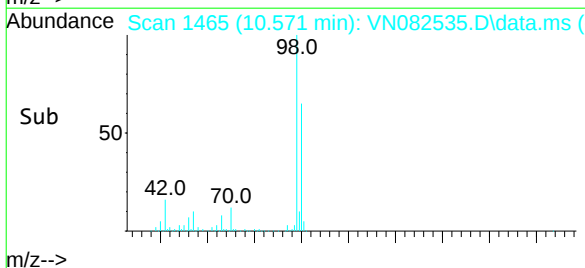
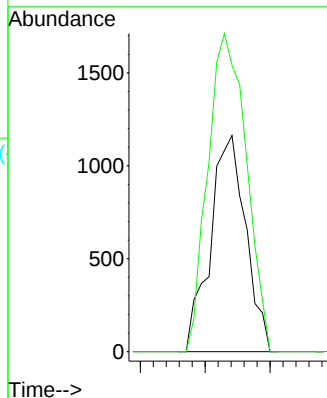
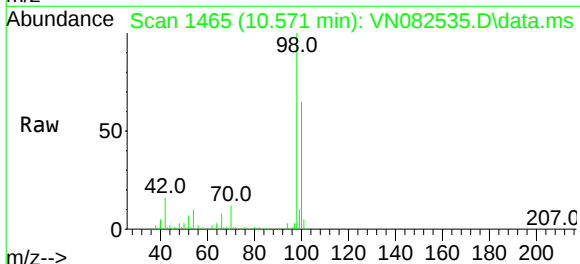
Acq: 12 Jun 2024 17:47

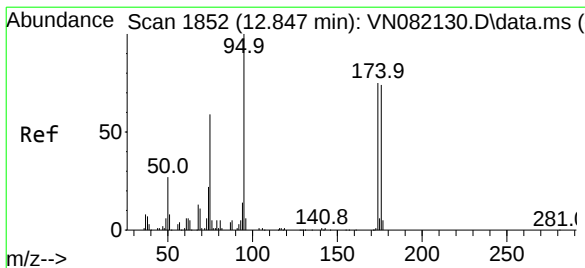
Tgt Ion: 43 Resp: 2207

Ion Ratio Lower Upper

43 100

58 159.9 33.2 49.8#





#62

4-Bromofluorobenzene

Concen: 48.383 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082535.D

Acq: 12 Jun 2024 17:47

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-300-302

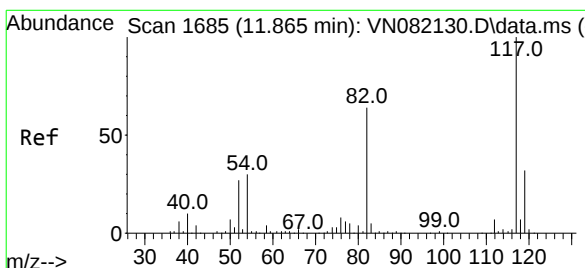
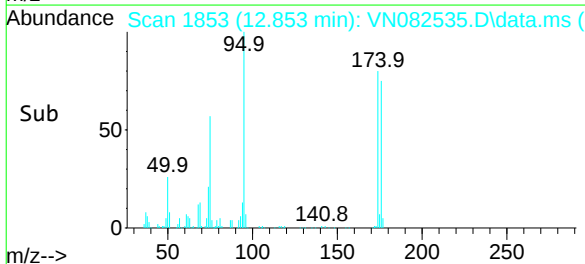
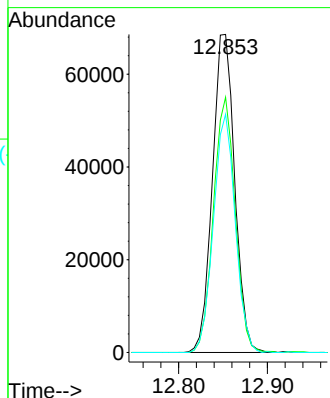
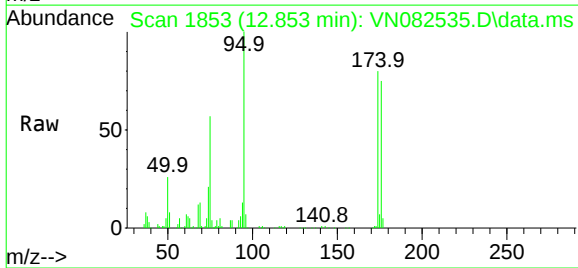
Tgt Ion: 95 Resp: 119671

Ion Ratio Lower Upper

95 100

174 78.4 0.0 160.6

176 73.3 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: VN082535.D

Acq: 12 Jun 2024 17:47

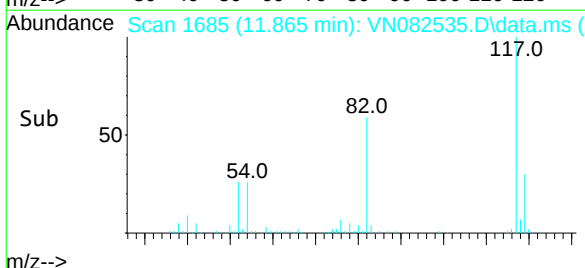
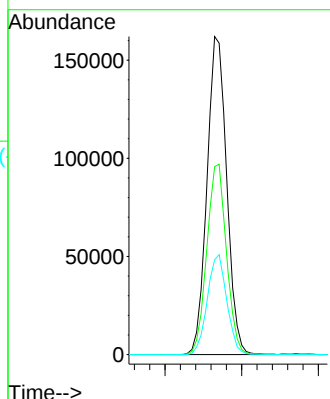
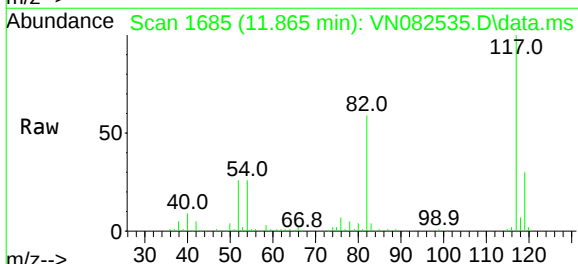
Tgt Ion: 117 Resp: 289357

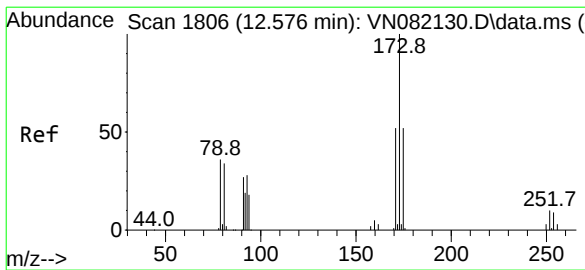
Ion Ratio Lower Upper

117 100

82 59.1 44.6 66.8

119 29.8 25.9 38.9





#71

Bromoform

Concen: 0.742 ug/l

RT: 12.582 min Scan# 18

Delta R.T. 0.006 min

Lab File: VN082535.D

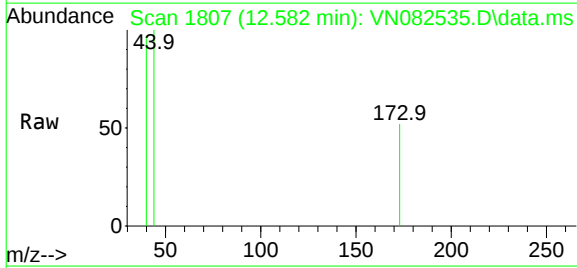
Acq: 12 Jun 2024 17:47

Instrument :

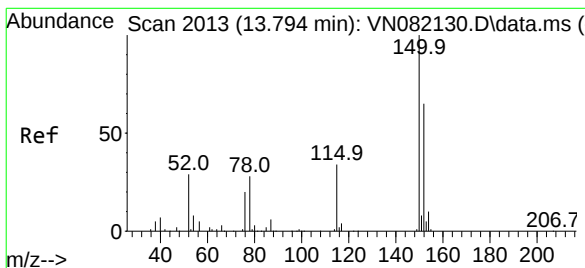
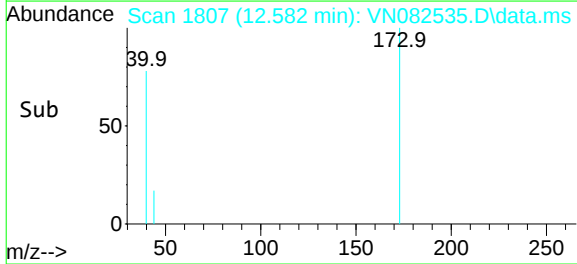
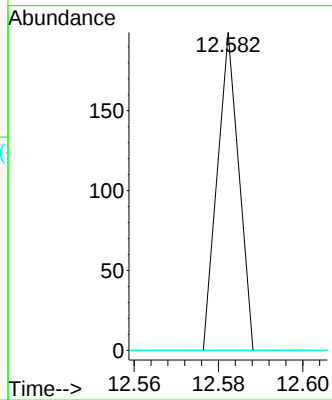
MSVOA_N

ClientSampleId :

BP-VPB-196-GW-300-302



Tgt Ion:	173	Resp:	70
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

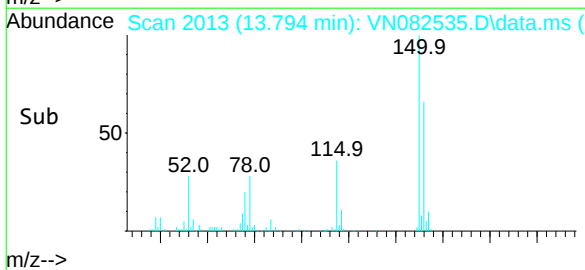
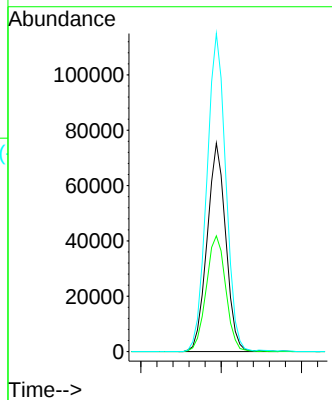
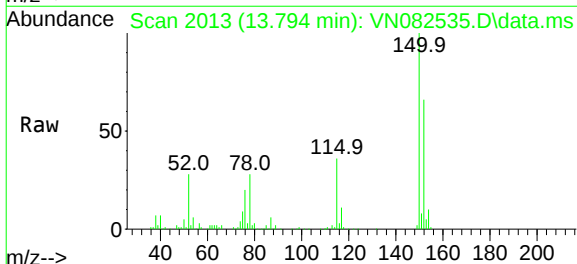
RT: 13.794 min Scan# 2013

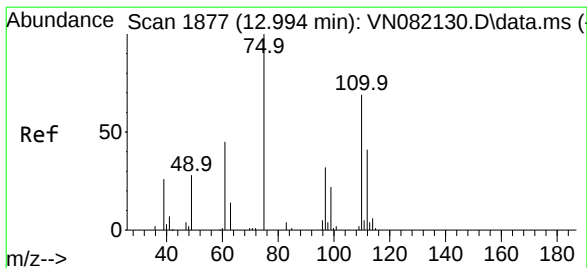
Delta R.T. 0.000 min

Lab File: VN082535.D

Acq: 12 Jun 2024 17:47

Tgt Ion:	152	Resp:	121664
Ion Ratio	Lower	Upper	
152	100		
115	57.9	30.4	91.3
150	154.7	0.0	353.2





#76

1,2,3-Trichloropropane

Concen: 26.730 ug/l

RT: 12.853 min Scan# 18

Delta R.T. -0.141 min

Lab File: VN082535.D

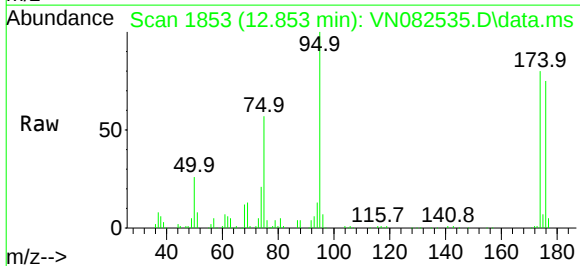
Acq: 12 Jun 2024 17:47

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-300-302

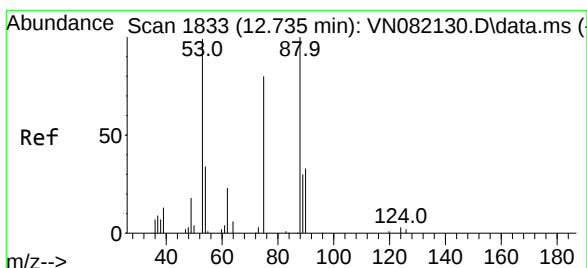
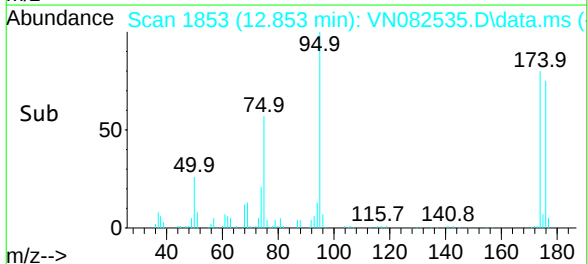
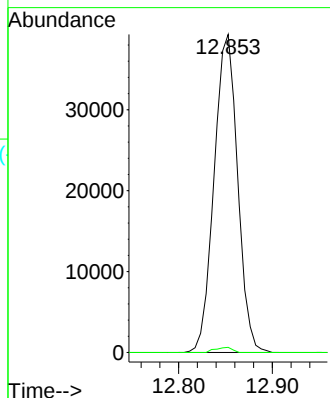


Tgt Ion: 75 Resp: 68449

Ion Ratio Lower Upper

75 100

77 1.2 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.521 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN082535.D

Acq: 12 Jun 2024 17:47

Tgt Ion: 75 Resp: 68449

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 39.1 58.7#

