

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061224\
 Data File : VN082536.D
 Acq On : 12 Jun 2024 18:12
 Operator : JC\MD
 Sample : P2838-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-320-322

Quant Time: Jun 12 18:39:26 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)

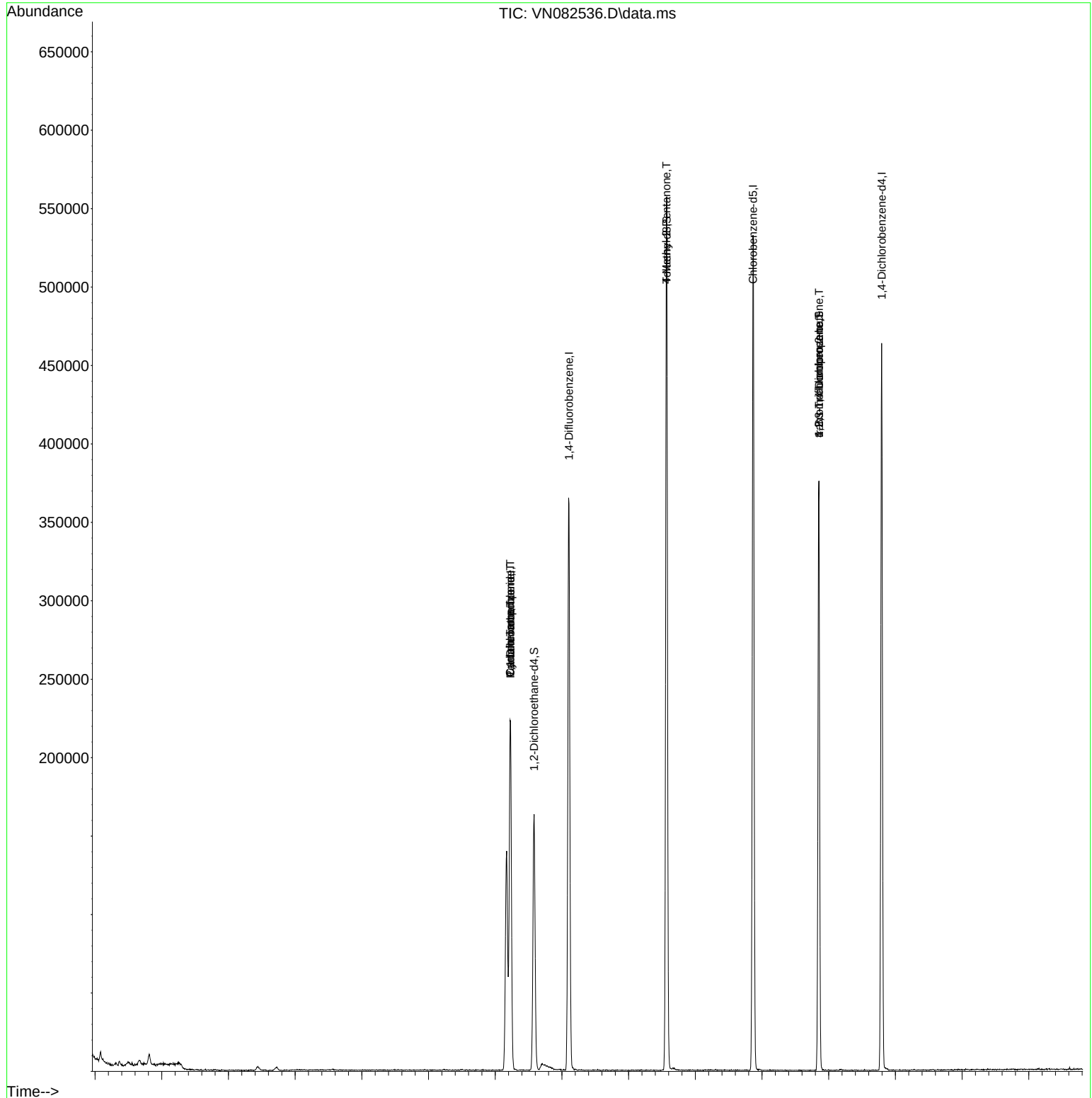
Internal Standards						
1) Pentafluorobenzene	8.230	168	157236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	295170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	135480	54.567	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	109.140%	
35) Dibromofluoromethane	8.171	113	99074	54.564	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	109.120%	
50) Toluene-d8	10.571	98	366815	52.692	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	105.380%	
62) 4-Bromofluorobenzene	12.853	95	119070	47.921	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	95.840%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	2776	1.081	ug/l #	85
5) Bromomethane	2.965	94	338	0.243	ug/l #	3
16) Acetone	4.430	43	4921	4.832	ug/l	98
17) Carbon Disulfide	4.706	76	2980	0.537	ug/l #	74
25) 2-Butanone	7.506	43	797	0.516	ug/l #	43
31) Cyclohexane	8.224	56	4719	1.190	ug/l #	6
36) 1,1-Dichloropropene	8.224	75	14732	4.838	ug/l #	50
37) Ethyl Acetate	7.506	43	797	0.234	ug/l #	68
38) Carbon Tetrachloride	8.224	117	17058	5.526	ug/l #	16
43) Isopropyl Acetate	8.694	43	1957	0.324	ug/l #	52
51) 4-Methyl-2-Pentanone	10.565	43	2328	0.679	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	70529	28.231	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	70529	66.032	ug/l #	12

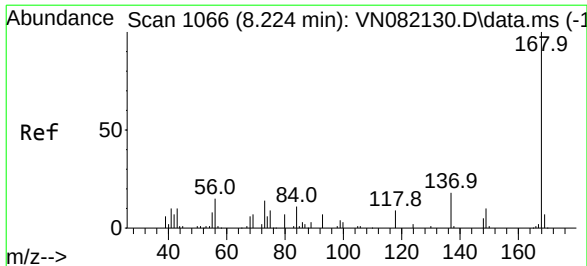
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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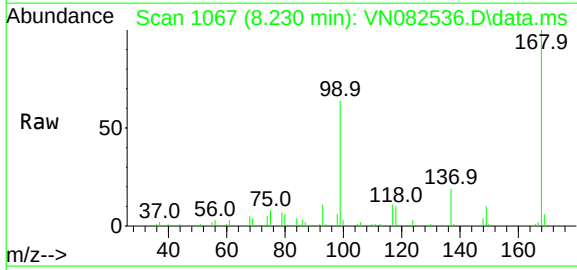
Quant Time: Jun 12 18:39:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
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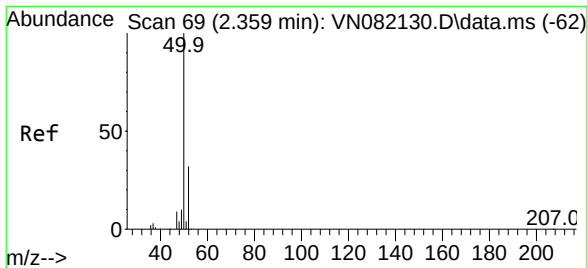
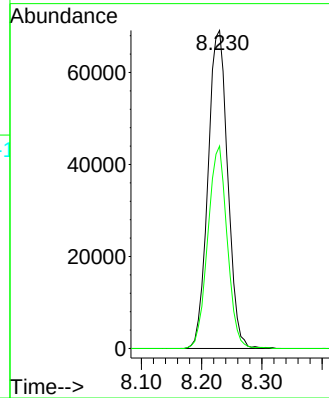
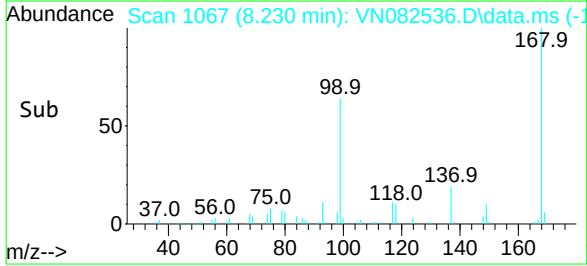


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN082536.D
Acq: 12 Jun 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-320-322

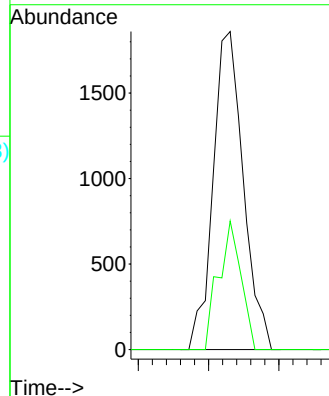
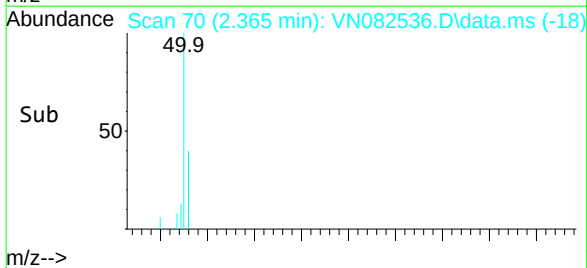
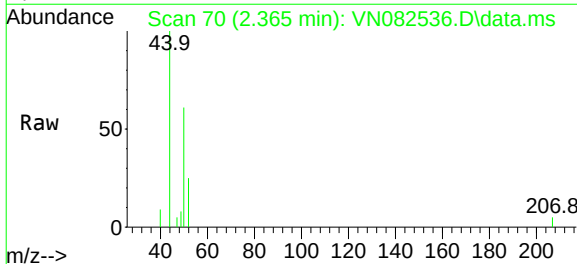


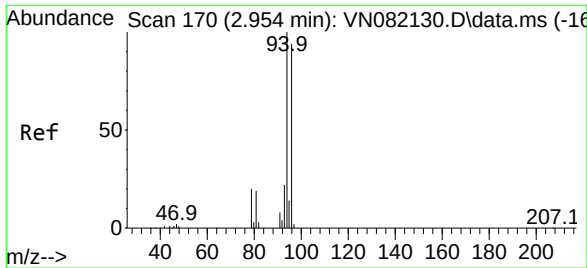
Tgt Ion:168 Resp: 157236
Ion Ratio Lower Upper
168 100
99 63.6 48.2 72.4



#3
Chloromethane
Concen: 1.081 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082536.D
Acq: 12 Jun 2024 18:12

Tgt Ion: 50 Resp: 2776
Ion Ratio Lower Upper
50 100
52 40.4 25.5 38.3#

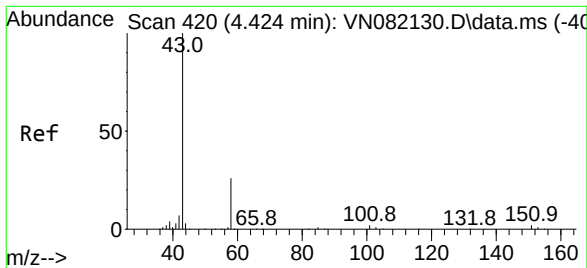
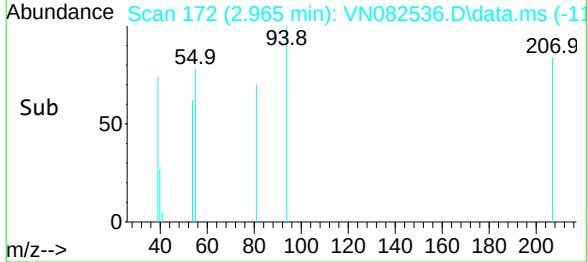
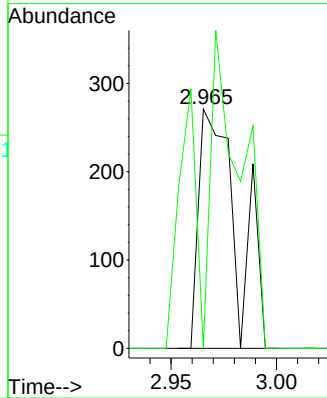
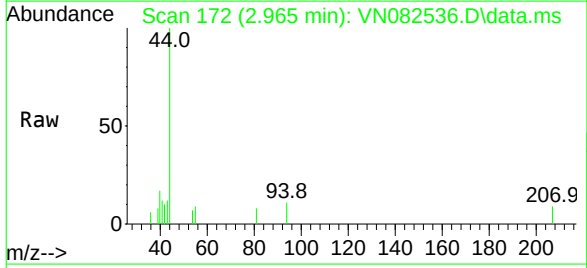




#5
Bromomethane
Concen: 0.243 ug/l
RT: 2.965 min Scan# 171
Delta R.T. 0.012 min
Lab File: VN082536.D
Acq: 12 Jun 2024 18:12

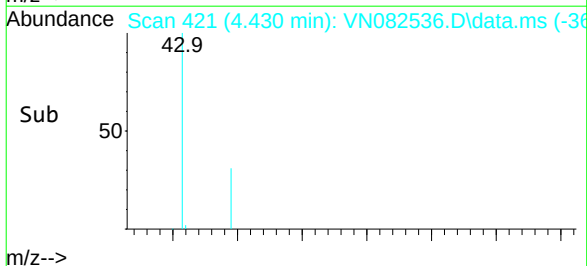
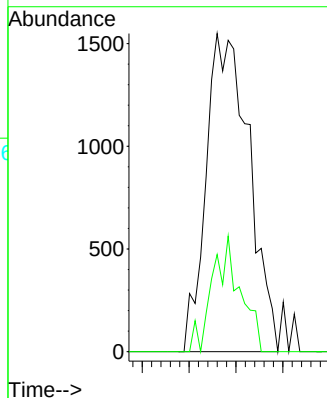
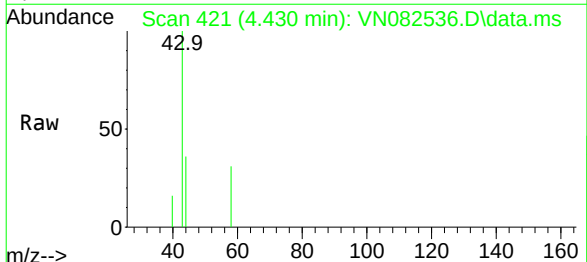
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-320-322

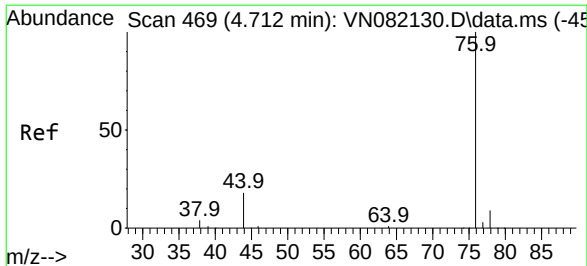
Tgt Ion: 94 Resp: 338
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#16
Acetone
Concen: 4.832 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082536.D
Acq: 12 Jun 2024 18:12

Tgt Ion: 43 Resp: 4921
Ion Ratio Lower Upper
43 100
58 30.5 25.2 37.8





#17

Carbon Disulfide

Concen: 0.537 ug/l

RT: 4.706 min Scan# 46

Delta R.T. -0.006 min

Lab File: VN082536.D

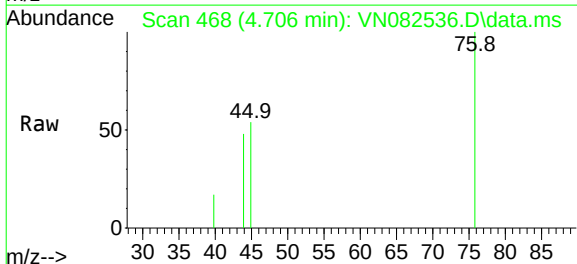
Acq: 12 Jun 2024 18:12

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-320-322

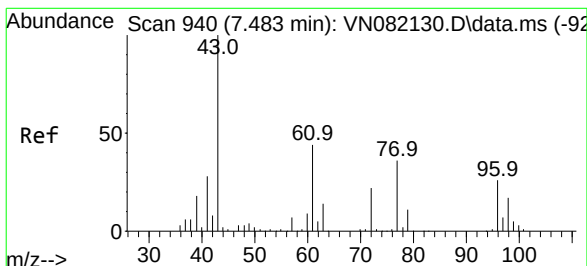
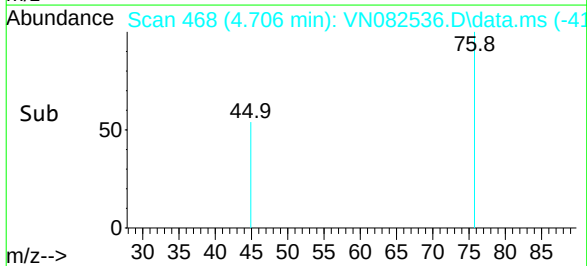
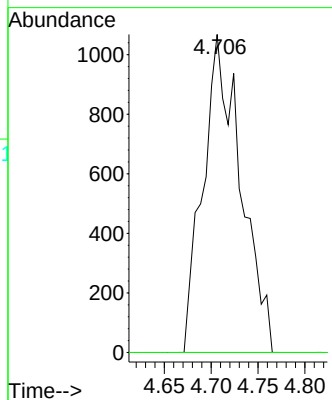


Tgt Ion: 76 Resp: 2980

Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#



#25

2-Butanone

Concen: 0.516 ug/l

RT: 7.506 min Scan# 944

Delta R.T. 0.024 min

Lab File: VN082536.D

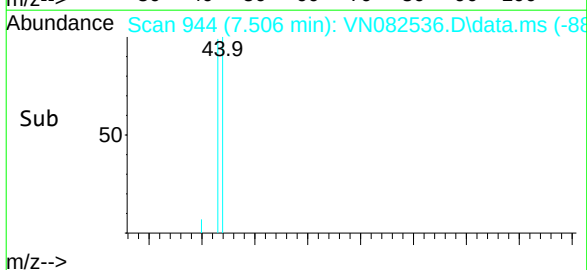
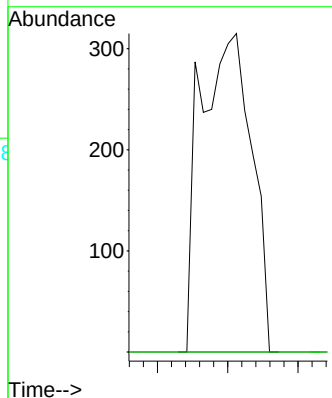
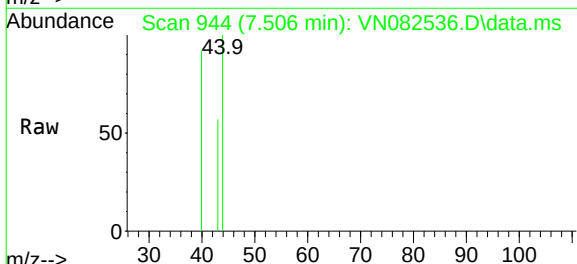
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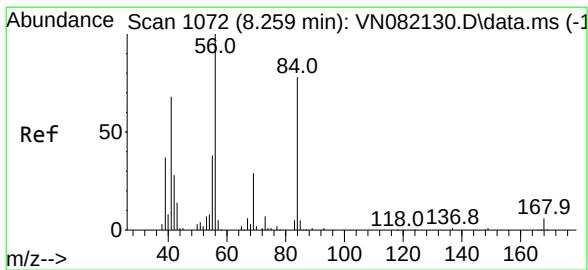
Tgt Ion: 43 Resp: 797

Ion Ratio Lower Upper

43 100

72 0.0 25.3 37.9#

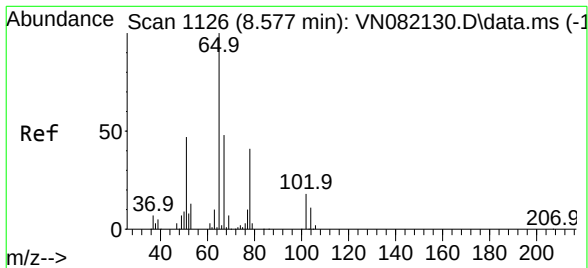
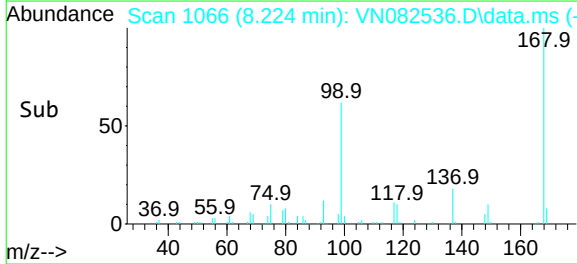
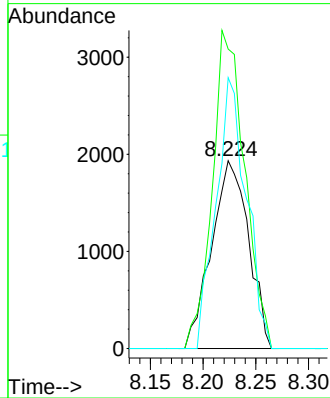
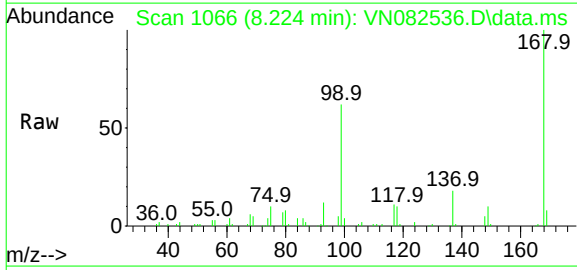




#31
Cyclohexane
Concen: 1.190 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082536.D
Acq: 12 Jun 2024 18:12

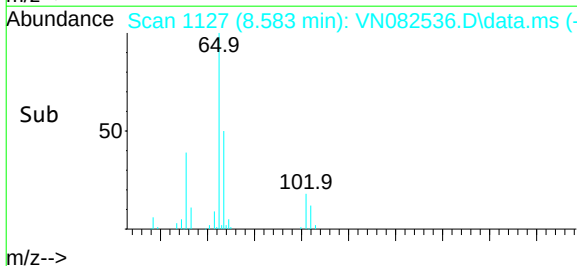
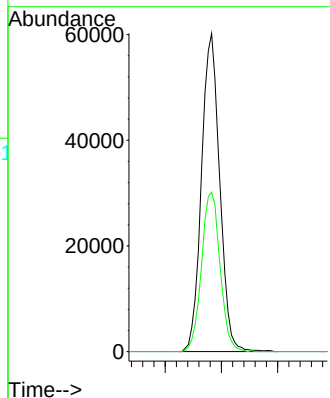
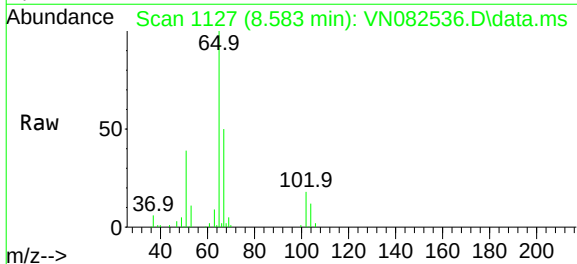
Instrument :
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BP-VPB-196-GW-320-322

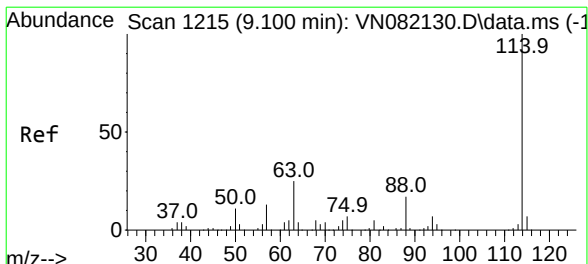
Tgt Ion:	56	Resp:	4719
Ion	Ratio	Lower	Upper
56	100		
69	159.5	24.4	36.6#
84	144.2	77.0	115.4#



#33
1,2-Dichloroethane-d4
Concen: 54.567 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082536.D
Acq: 12 Jun 2024 18:12

Tgt Ion:	65	Resp:	135480
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	103.0

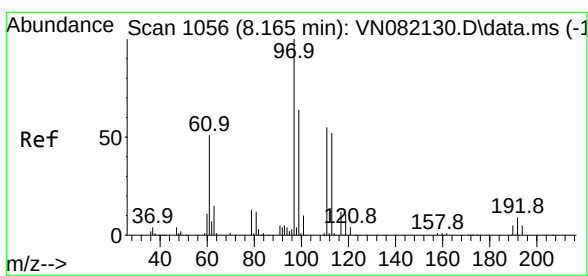
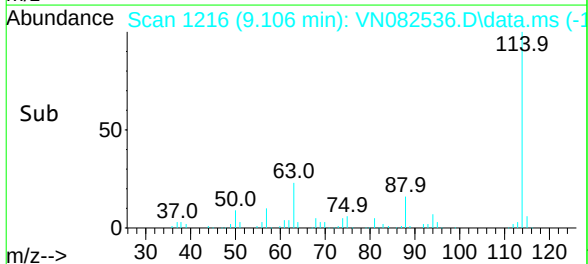
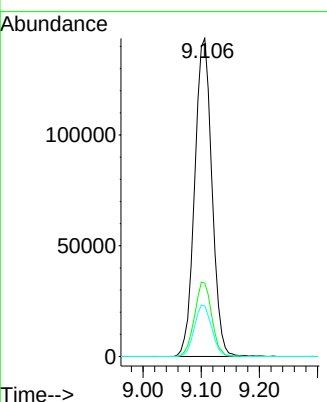
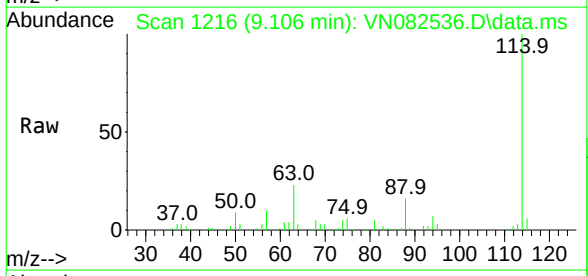




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.006 min
 Lab File: VN082536.D
 Acq: 12 Jun 2024 18:12

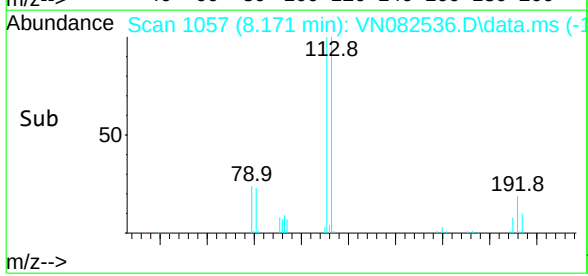
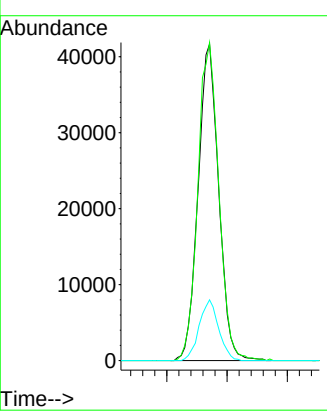
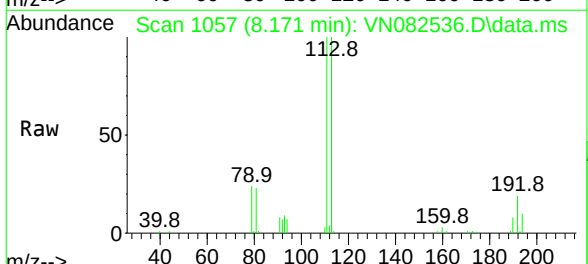
Instrument : MSVOA_N
 ClientSampleId : BP-VPB-196-GW-320-322

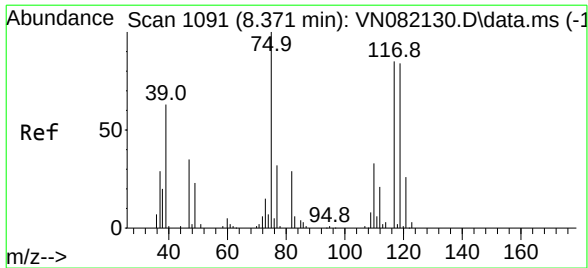
Tgt Ion:	114	Resp:	295170
Ion Ratio	Lower	Upper	
114	100		
63	23.1	0.0	41.0
88	15.9	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 54.564 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN082536.D
 Acq: 12 Jun 2024 18:12

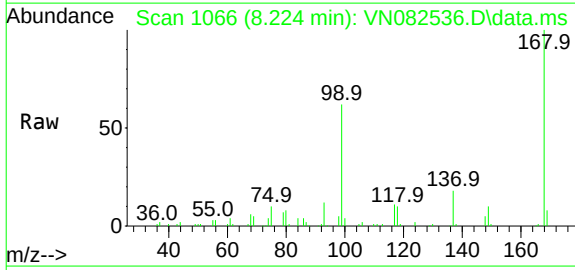
Tgt Ion:	113	Resp:	99074
Ion Ratio	Lower	Upper	
113	100		
111	102.1	83.4	125.2
192	18.1	14.0	21.0



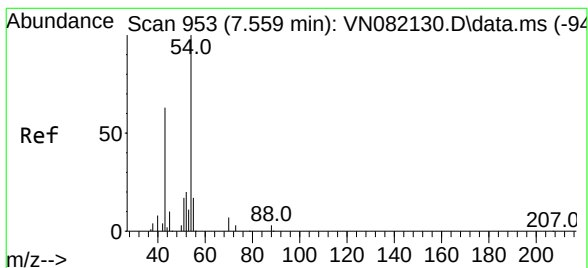
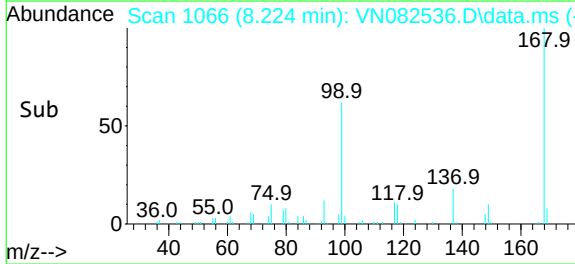
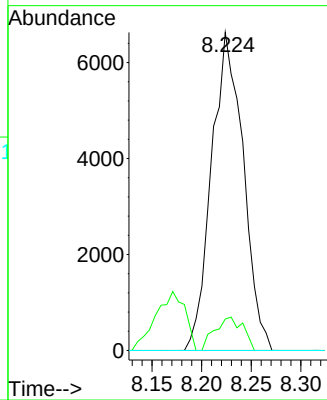


#36
1,1-Dichloropropene
Concen: 4.838 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.147 min
Lab File: VN082536.D
Acq: 12 Jun 2024 18:12

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-320-322

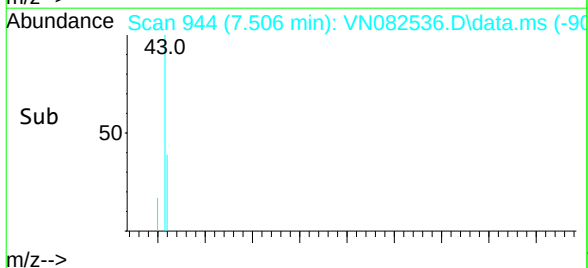
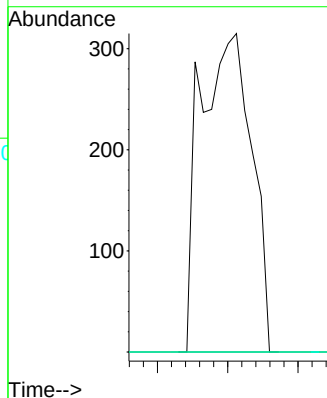
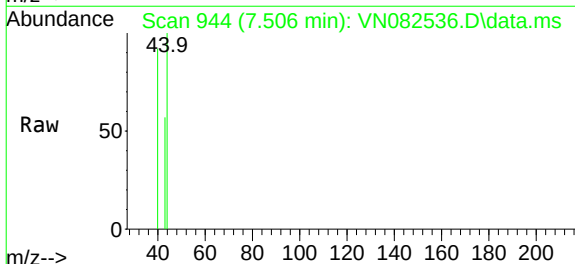


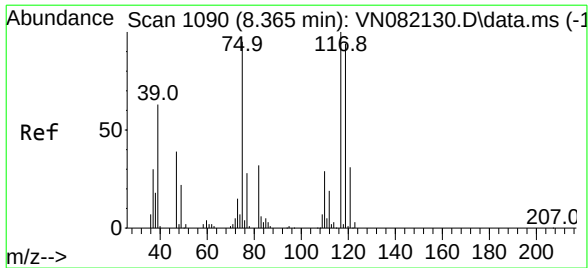
Tgt Ion: 75 Resp: 14732
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.5#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.234 ug/l
RT: 7.506 min Scan# 944
Delta R.T. -0.053 min
Lab File: VN082536.D
Acq: 12 Jun 2024 18:12

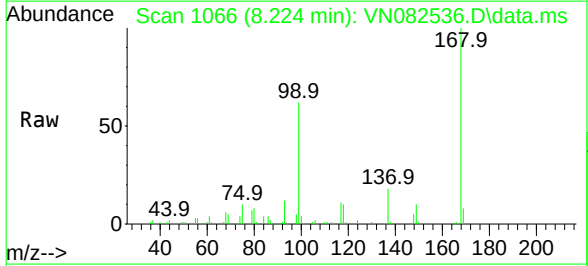
Tgt Ion: 43 Resp: 797
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.7 13.1#



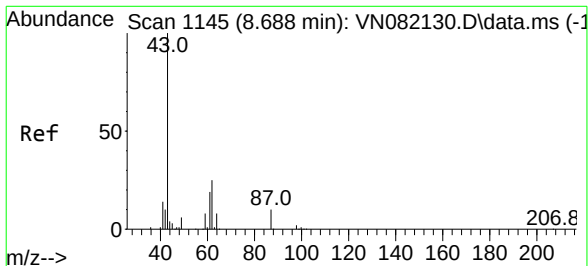
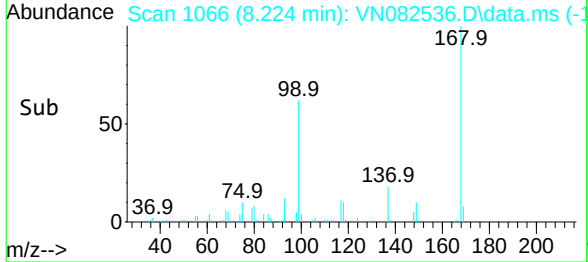
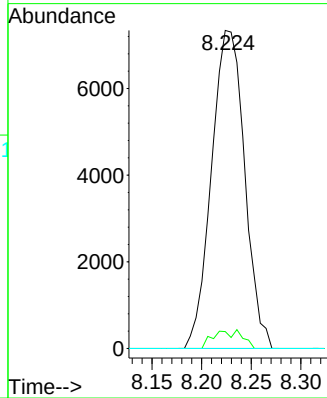


#38
Carbon Tetrachloride
Concen: 5.526 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082536.D
Acq: 12 Jun 2024 18:12

Instrument : MSVOA_N
ClientSampleId : BP-VPB-196-GW-320-322

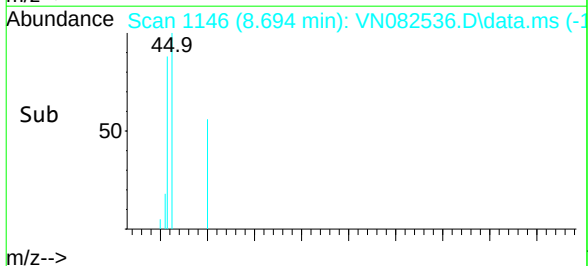
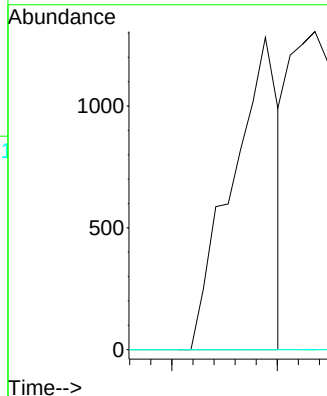
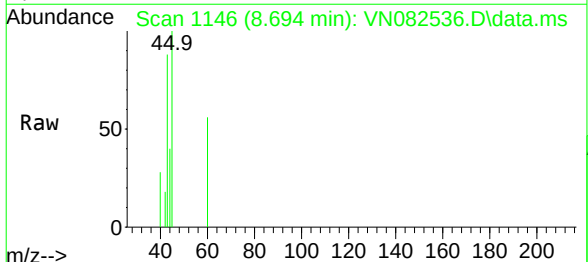


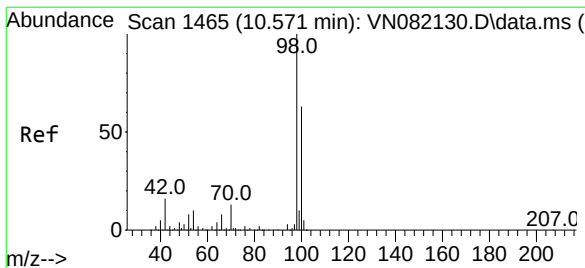
Tgt Ion: 117 Resp: 17058
Ion Ratio Lower Upper
117 100
119 5.3 76.5 114.7#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 0.324 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082536.D
Acq: 12 Jun 2024 18:12

Tgt Ion: 43 Resp: 1957
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#





#50

Toluene-d8

Concen: 52.692 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082536.D

Acq: 12 Jun 2024 18:12

Instrument :

MSVOA_N

ClientSampleId :

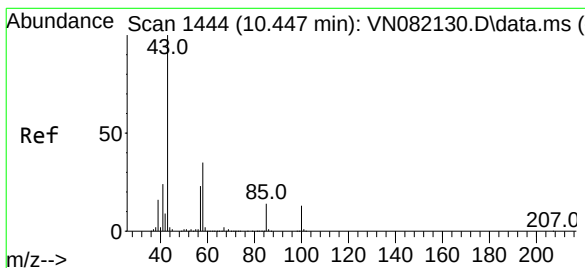
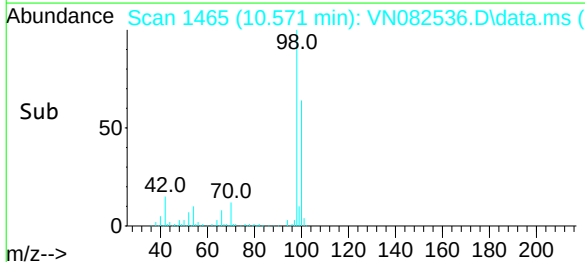
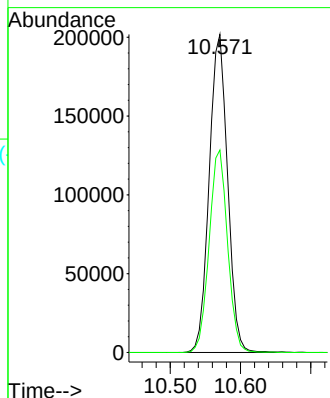
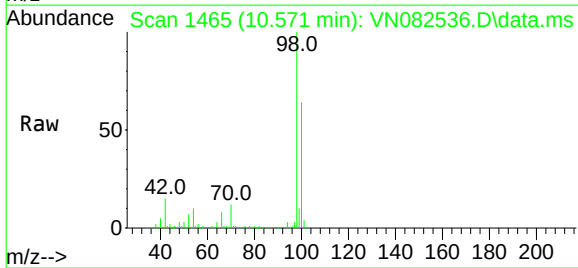
BP-VPB-196-GW-320-322

Tgt Ion: 98 Resp: 366815

Ion Ratio Lower Upper

98 100

100 63.8 51.8 77.6



#51

4-Methyl-2-Pentanone

Concen: 0.679 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN082536.D

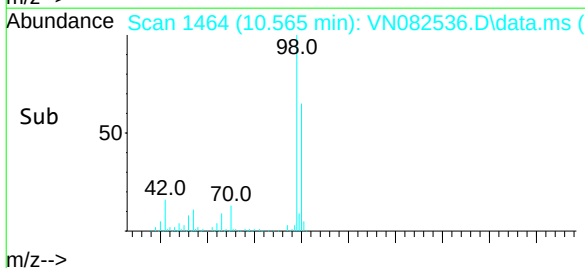
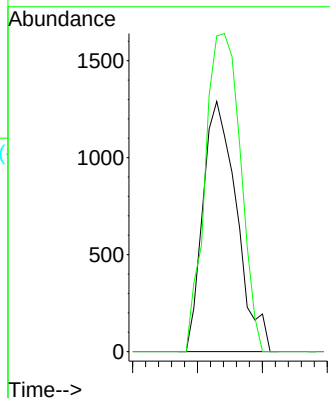
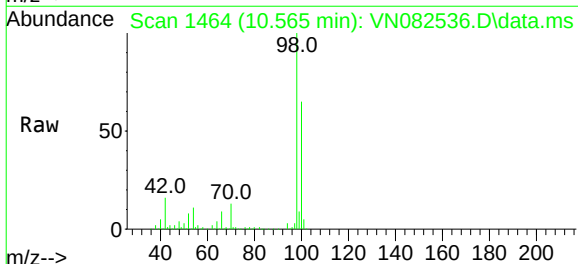
Acq: 12 Jun 2024 18:12

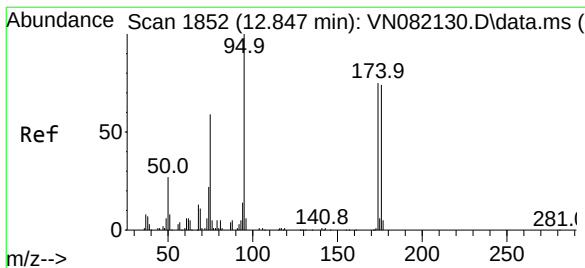
Tgt Ion: 43 Resp: 2328

Ion Ratio Lower Upper

43 100

58 133.4 33.2 49.8#





#62

4-Bromofluorobenzene

Concen: 47.921 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082536.D

Acq: 12 Jun 2024 18:12

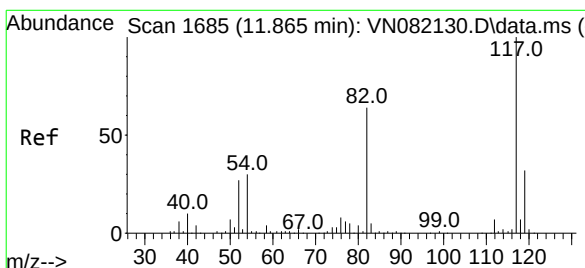
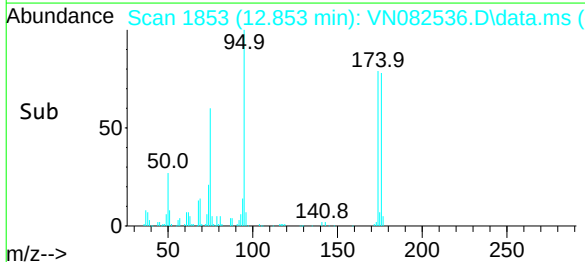
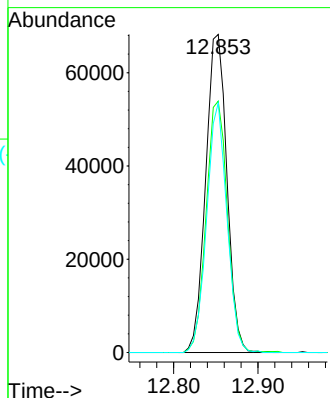
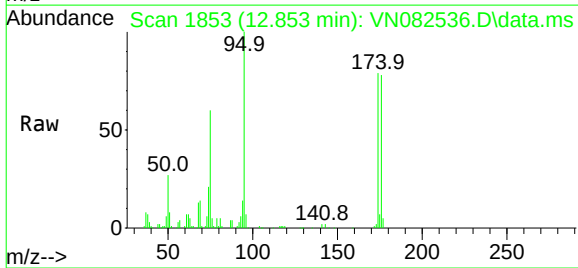
Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-320-322

Tgt Ion:	95	Resp:	119070
Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	160.6
176	74.6	0.0	152.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

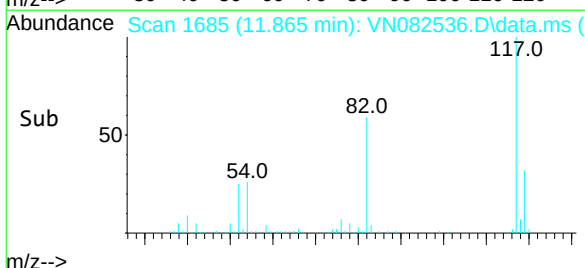
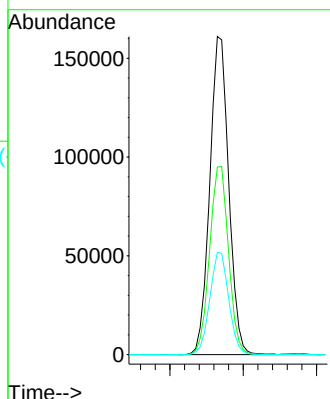
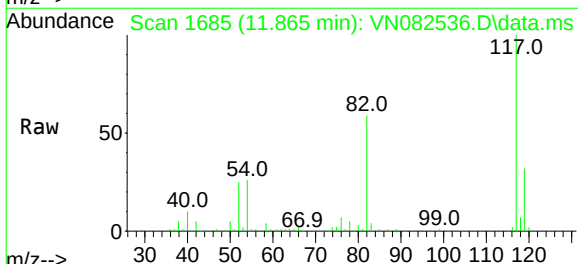
RT: 11.865 min Scan# 1685

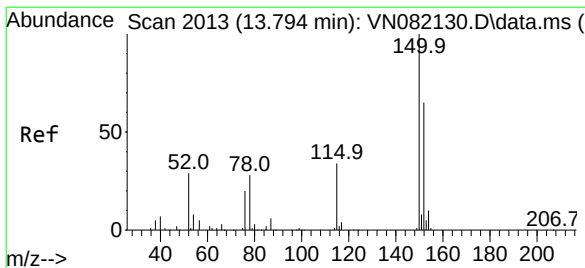
Delta R.T. 0.000 min

Lab File: VN082536.D

Acq: 12 Jun 2024 18:12

Tgt Ion:	117	Resp:	289190
Ion	Ratio	Lower	Upper
117	100		
82	58.9	44.6	66.8
119	32.2	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: VN082536.D

Acq: 12 Jun 2024 18:12

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-320-322

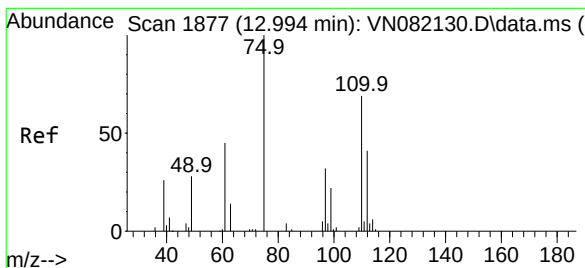
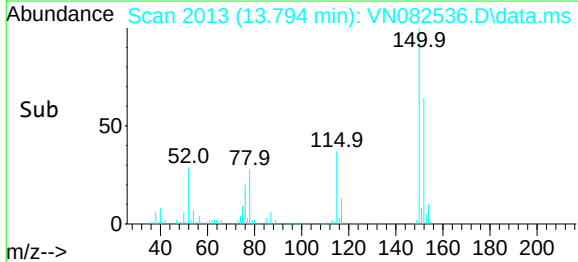
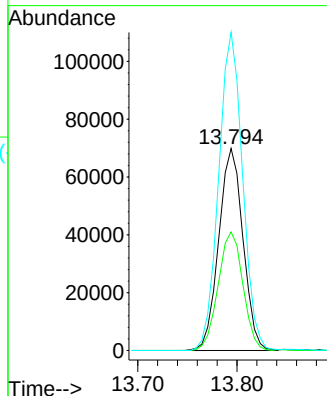
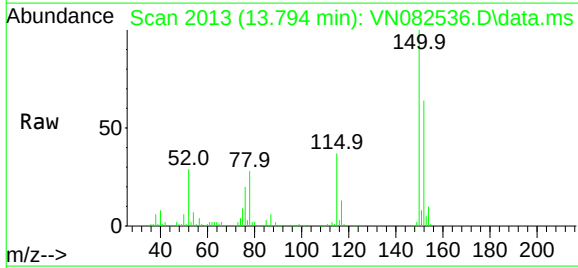
Tgt Ion:152 Resp: 118696

Ion Ratio Lower Upper

152 100

115 59.6 30.4 91.3

150 155.4 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 28.231 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082536.D

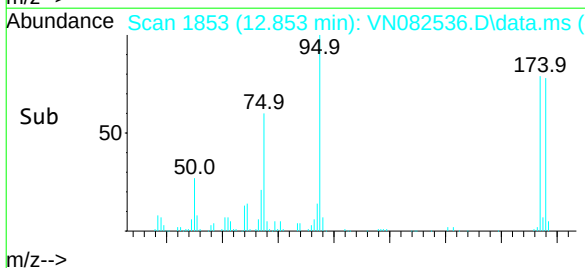
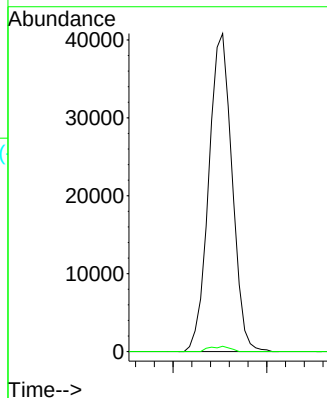
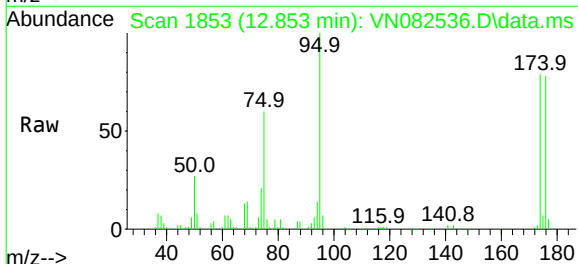
Acq: 12 Jun 2024 18:12

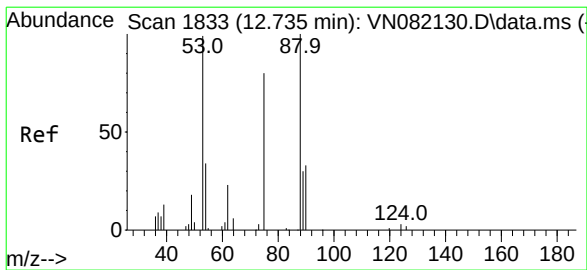
Tgt Ion: 75 Resp: 70529

Ion Ratio Lower Upper

75 100

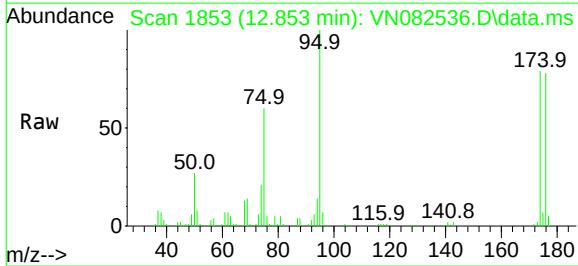
77 1.5 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.032 ug/l
 RT: 12.853 min Scan# 18
 Delta R.T. 0.118 min
 Lab File: VN082536.D
 Acq: 12 Jun 2024 18:12

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-320-322



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

