

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082588.D
 Acq On : 14 Jun 2024 17:16
 Operator : JC\MD
 Sample : P2891-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-480-482

Quant Time: Jun 14 23:48:36 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)

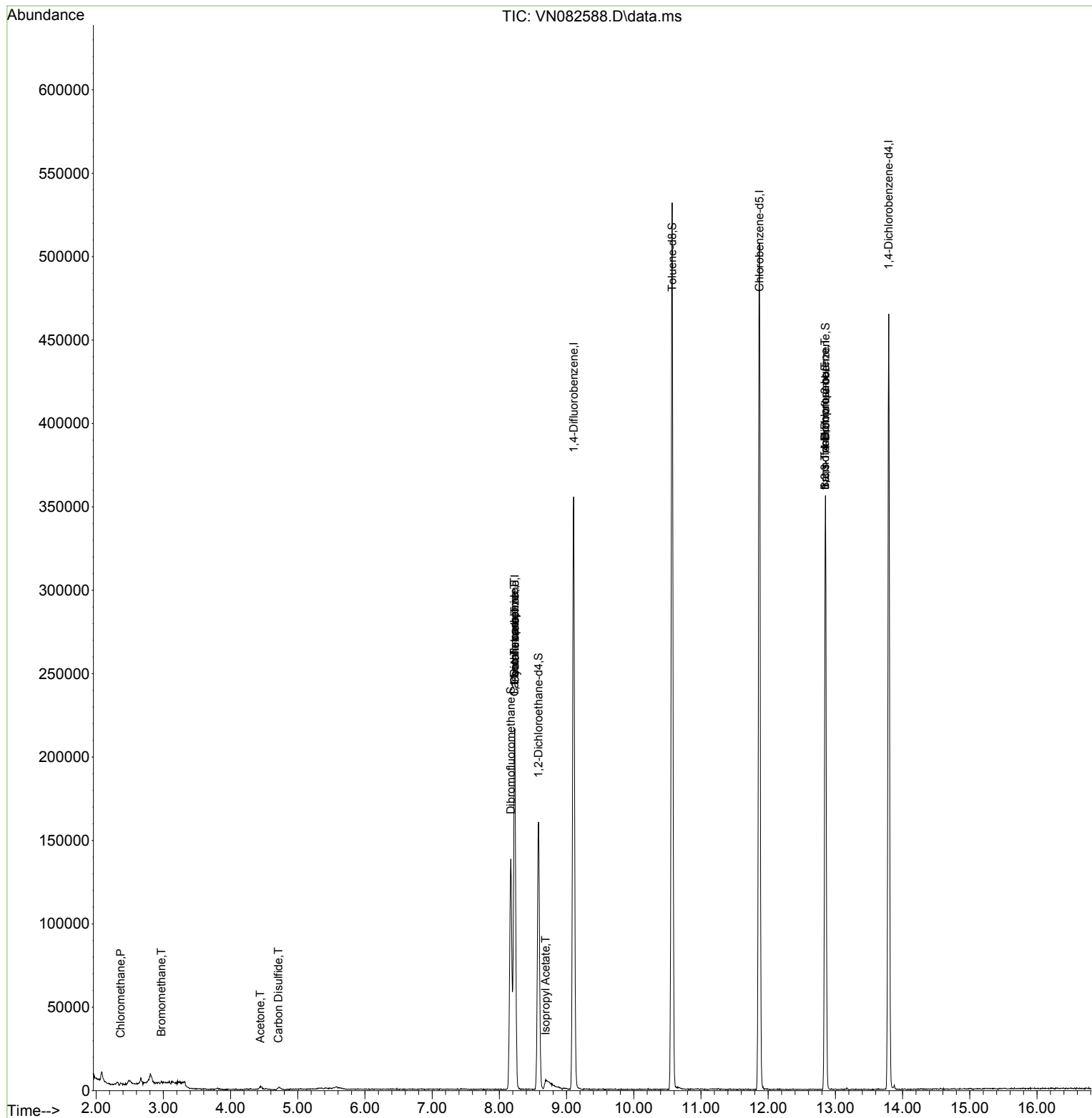
Internal Standards						
1) Pentafluorobenzene	8.229	168	149081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	278019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	275192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	131251	55.756	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.520%			
35) Dibromofluoromethane	8.171	113	95140	55.629	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.260%			
50) Toluene-d8	10.571	98	342942	52.302	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.600%			
62) 4-Bromofluorobenzene	12.853	95	112750	48.177	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 96.360%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	1245	0.511	ug/l #	84
5) Bromomethane	2.971	94	434	0.330	ug/l #	68
16) Acetone	4.441	43	3321	3.439	ug/l #	43
17) Carbon Disulfide	4.712	76	1480	0.281	ug/l #	74
31) Cyclohexane	8.229	56	4463	1.187	ug/l #	38
36) 1,1-Dichloropropene	8.224	75	14029	4.891	ug/l #	48
38) Carbon Tetrachloride	8.224	117	16046	5.518	ug/l #	18
43) Isopropyl Acetate	8.688	43	2695	0.474	ug/l #	52
71) Bromoform	12.847	173	720	1.147	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	66274	26.983	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	66274	63.112	ug/l #	13

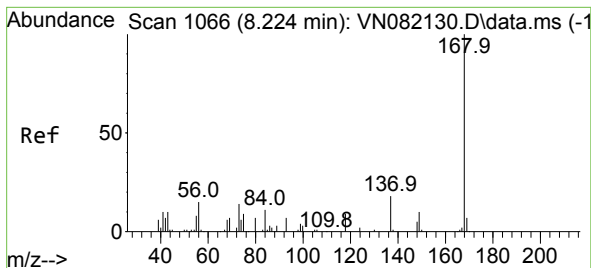
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN082588.D

Acq: 14 Jun 2024 17:16

Instrument :

MSVOA_N

ClientSampleId :

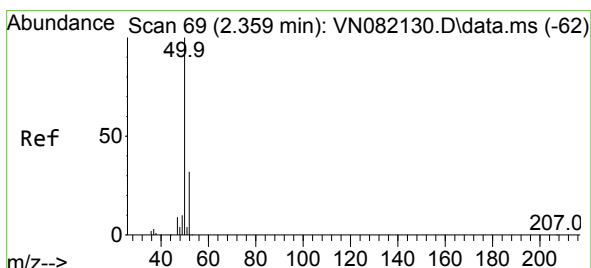
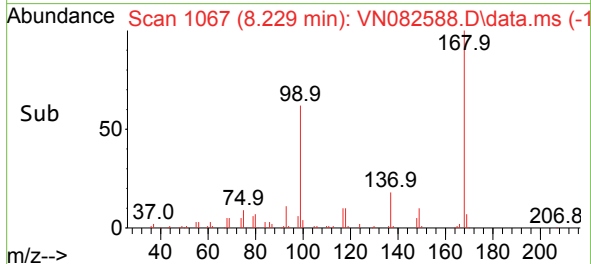
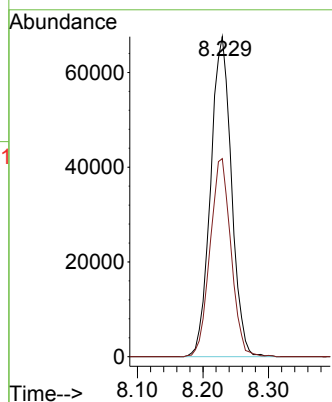
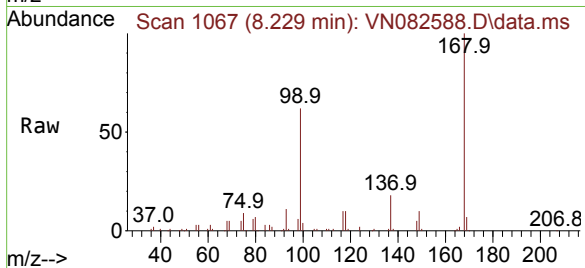
BP-VPB-196-GW-480-482

Tgt Ion:168 Resp: 149081

Ion Ratio Lower Upper

168 100

99 61.9 48.2 72.4



#3

Chloromethane

Concen: 0.511 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082588.D

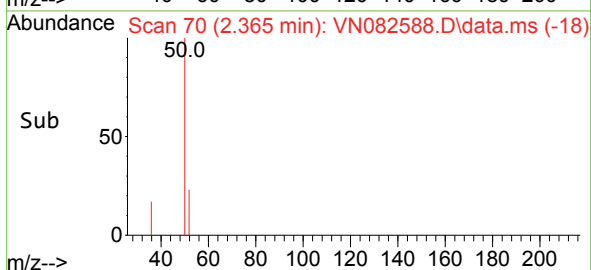
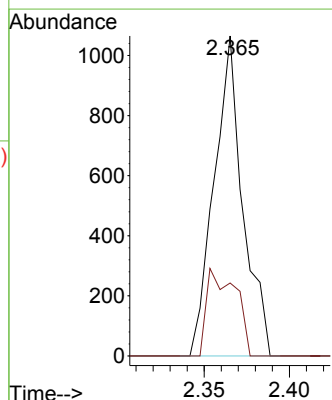
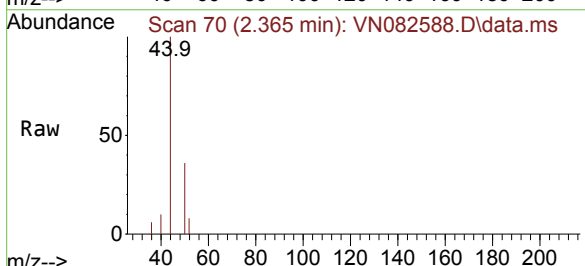
Acq: 14 Jun 2024 17:16

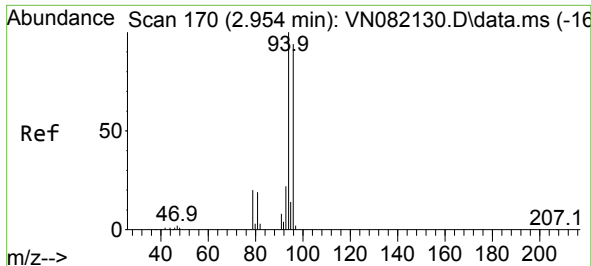
Tgt Ion: 50 Resp: 1245

Ion Ratio Lower Upper

50 100

52 22.8 25.5 38.3#

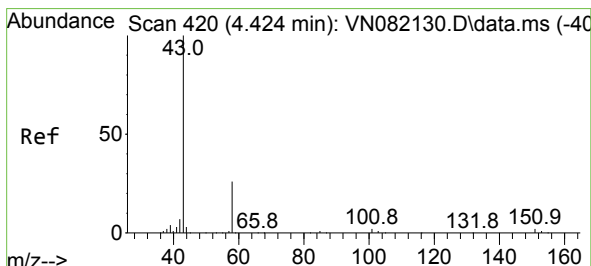
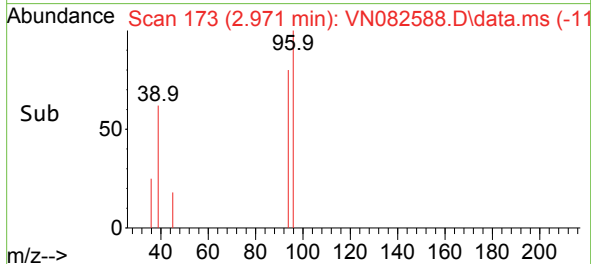
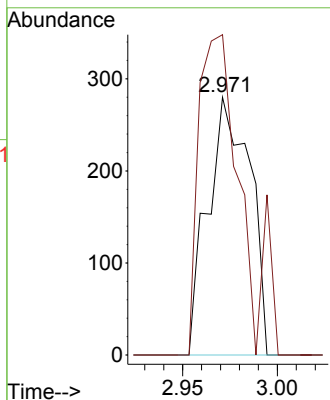
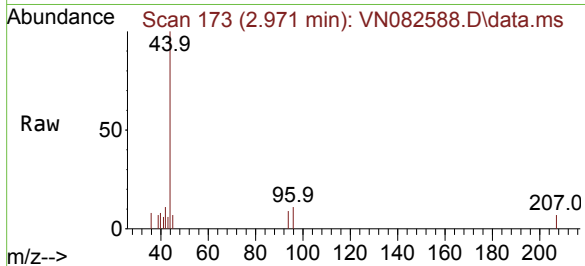




#5
Bromomethane
Concen: 0.330 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082588.D
Acq: 14 Jun 2024 17:16

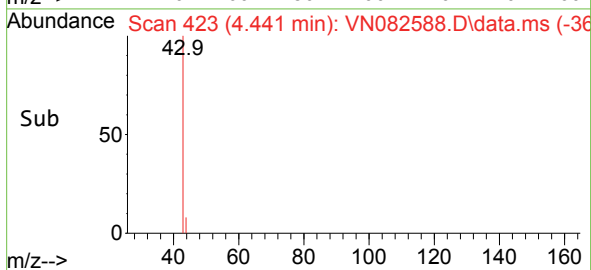
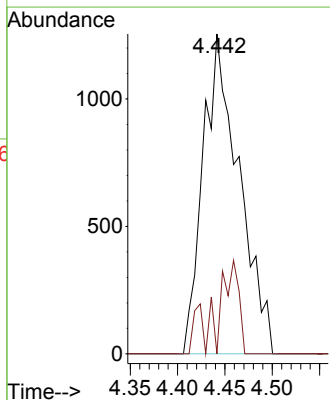
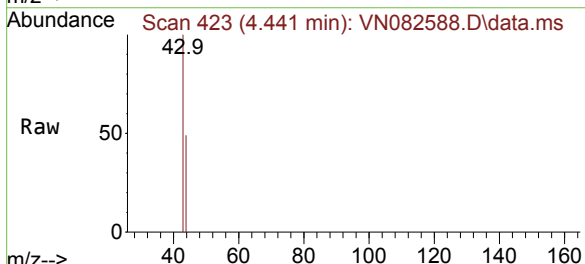
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-480-482

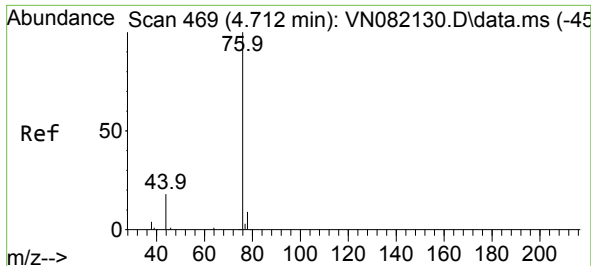
Tgt Ion: 94 Resp: 434
Ion Ratio Lower Upper
94 100
96 124.3 74.8 112.2#



#16
Acetone
Concen: 3.439 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN082588.D
Acq: 14 Jun 2024 17:16

Tgt Ion: 43 Resp: 3321
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#

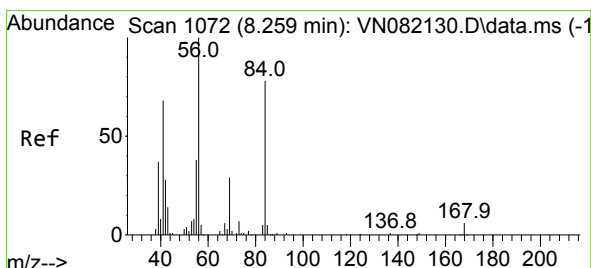
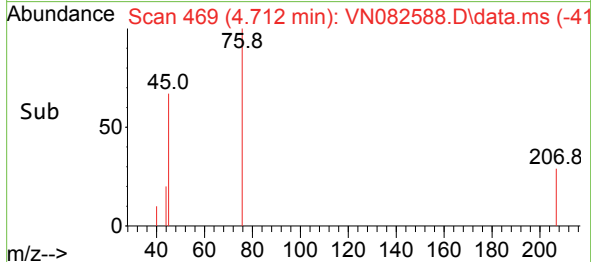
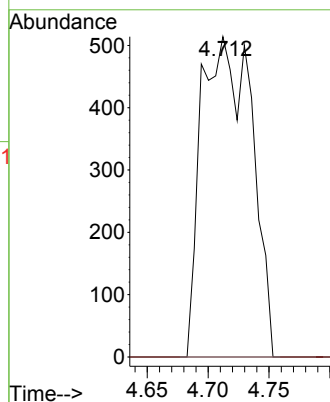
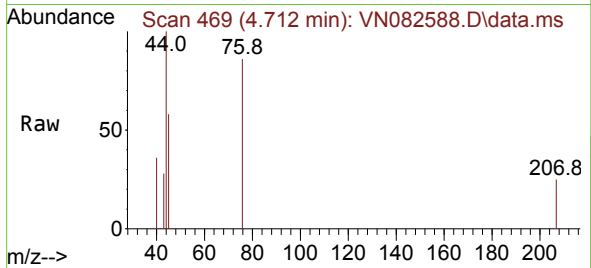




#17
Carbon Disulfide
Concen: 0.281 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN082588.D
Acq: 14 Jun 2024 17:16

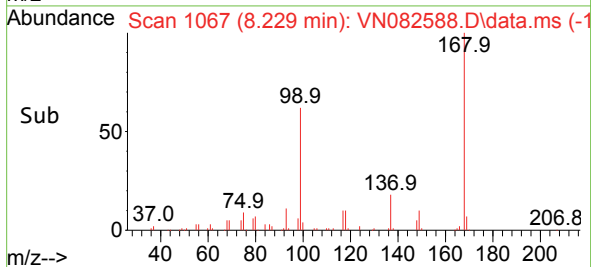
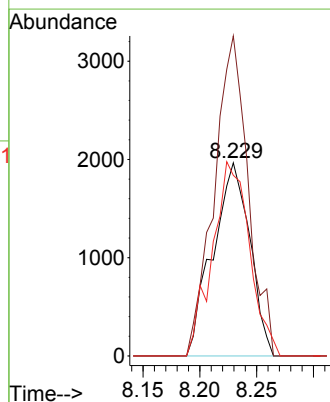
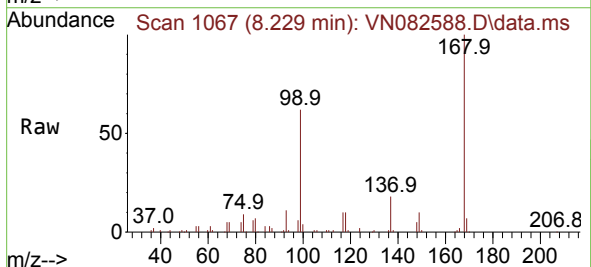
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-480-482

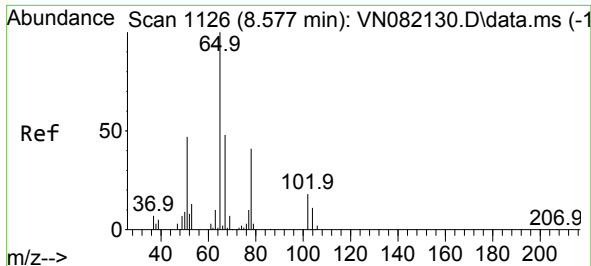
Tgt Ion: 76 Resp: 1480
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#31
Cyclohexane
Concen: 1.187 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN082588.D
Acq: 14 Jun 2024 17:16

Tgt Ion: 56 Resp: 4463
Ion Ratio Lower Upper
56 100
69 165.8 24.4 36.6#
84 93.5 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 55.756 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082588.D

Acq: 14 Jun 2024 17:16

Instrument :

MSVOA_N

ClientSampleId :

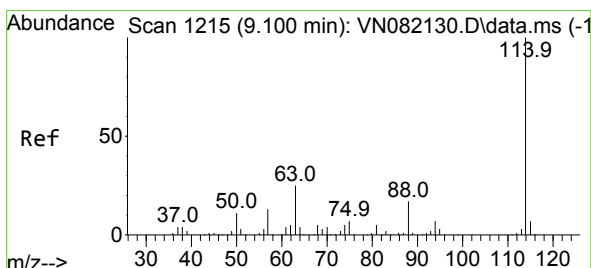
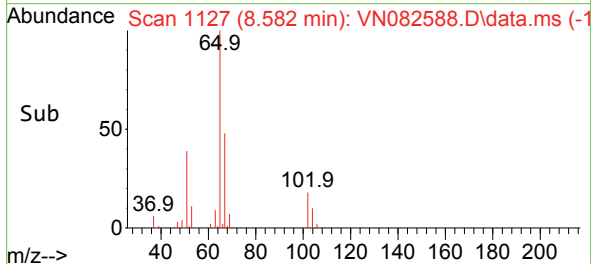
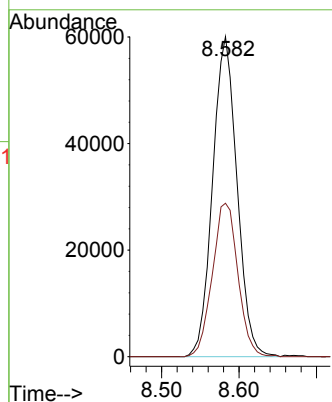
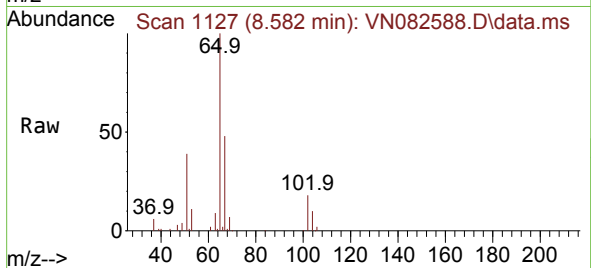
BP-VPB-196-GW-480-482

Tgt Ion: 65 Resp: 131251

Ion Ratio Lower Upper

65 100

67 50.3 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: VN082588.D

Acq: 14 Jun 2024 17:16

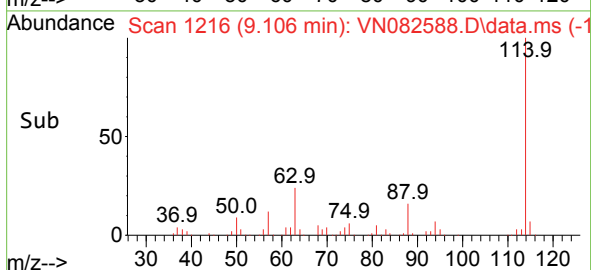
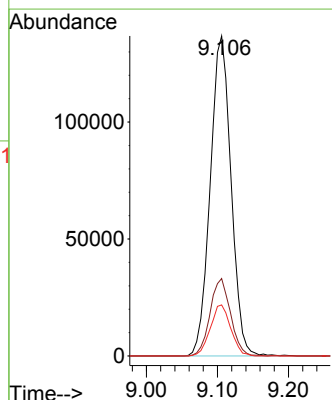
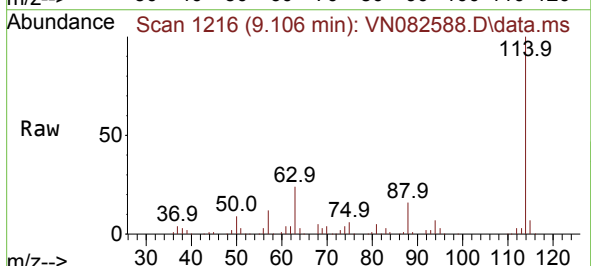
Tgt Ion: 114 Resp: 278019

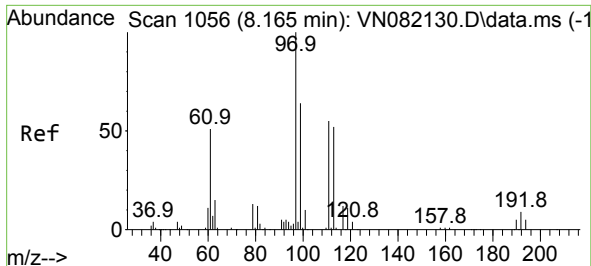
Ion Ratio Lower Upper

114 100

63 24.2 0.0 41.0

88 16.0 0.0 31.4

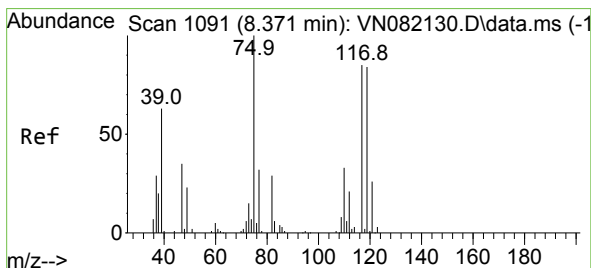
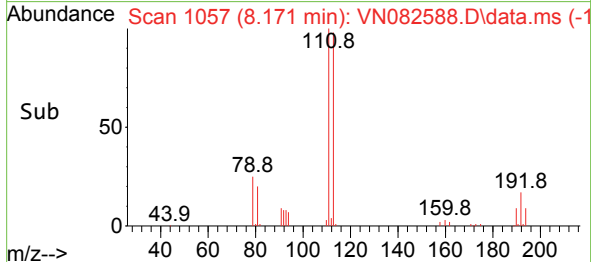
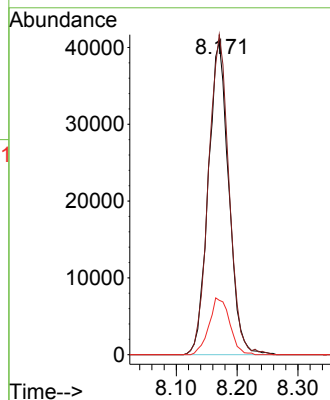
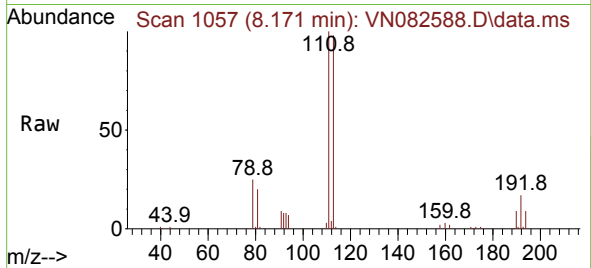




#35
Dibromofluoromethane
Concen: 55.629 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082588.D
Acq: 14 Jun 2024 17:16

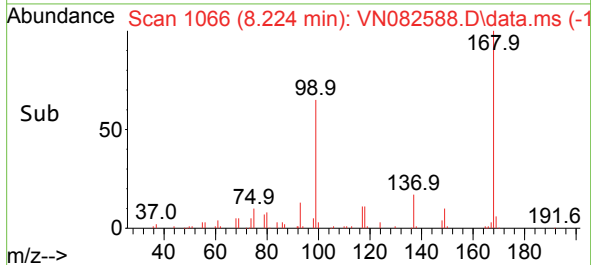
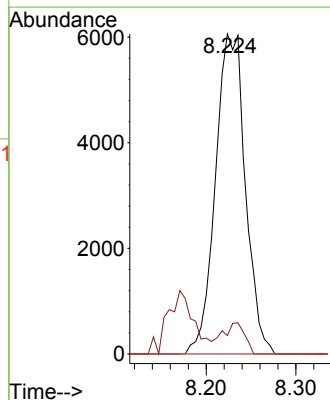
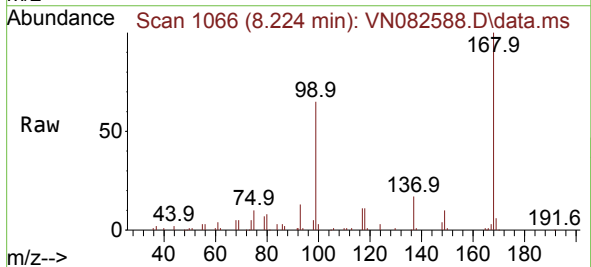
Instrument :
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BP-VPB-196-GW-480-482

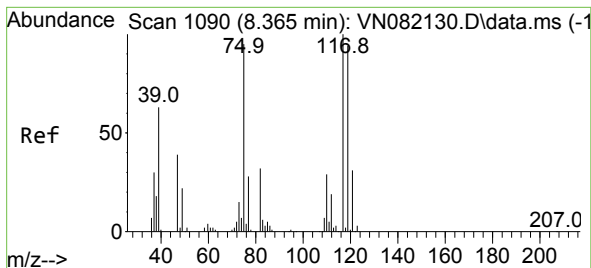
Tgt Ion:113 Resp: 95140
Ion Ratio Lower Upper
113 100
111 102.6 83.4 125.2
192 18.3 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.891 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082588.D
Acq: 14 Jun 2024 17:16

Tgt Ion: 75 Resp: 14029
Ion Ratio Lower Upper
75 100
110 7.3 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.518 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN082588.D

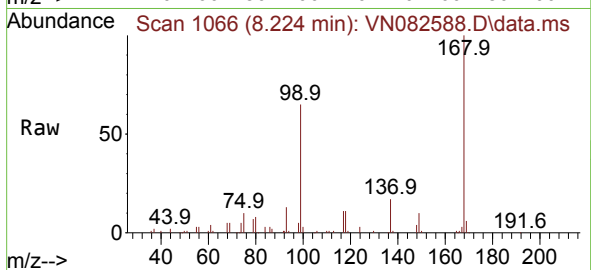
Acq: 14 Jun 2024 17:16

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-480-482



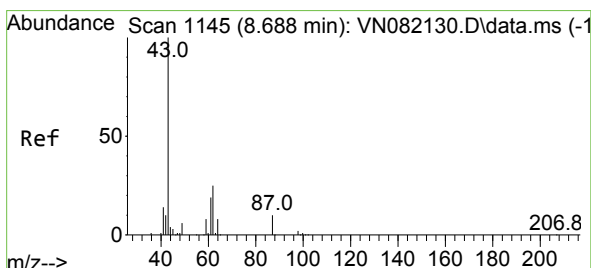
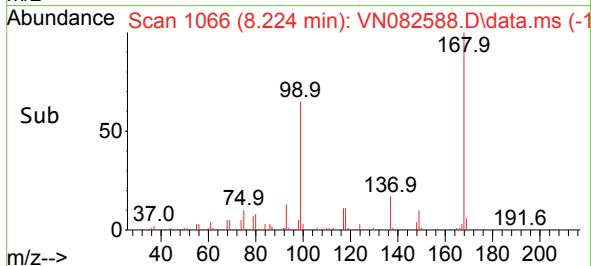
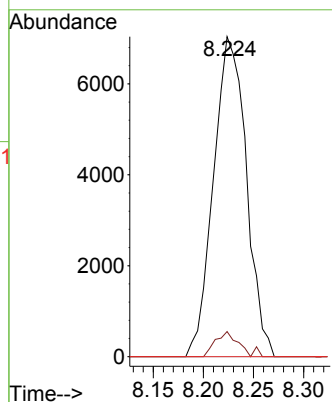
Tgt Ion:117 Resp: 16046

Ion Ratio Lower Upper

117 100

119 7.9 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.474 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN082588.D

Acq: 14 Jun 2024 17:16

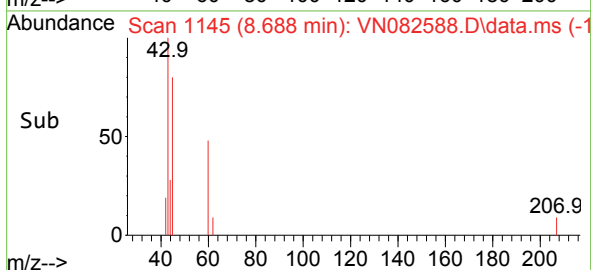
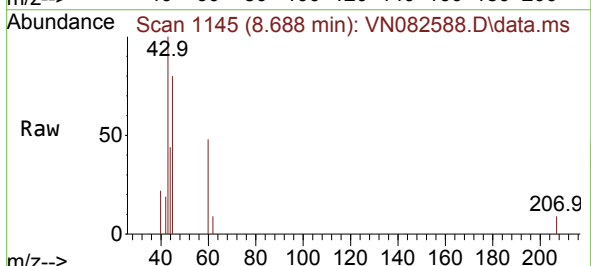
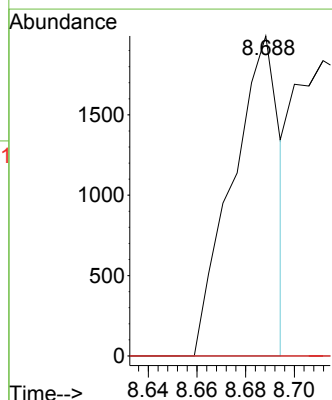
Tgt Ion: 43 Resp: 2695

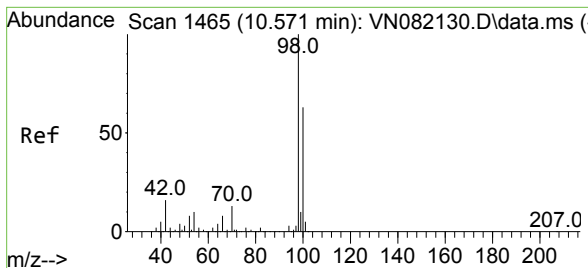
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#





#50

Toluene-d8

Concen: 52.302 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082588.D

Acq: 14 Jun 2024 17:16

Instrument :

MSVOA_N

ClientSampleId :

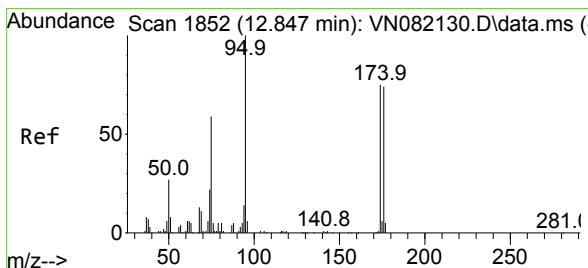
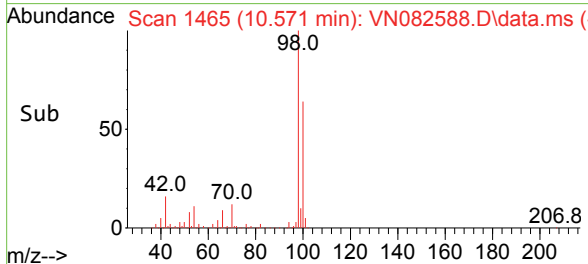
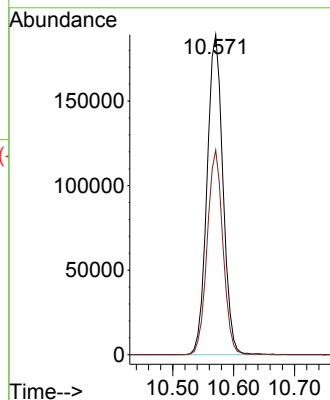
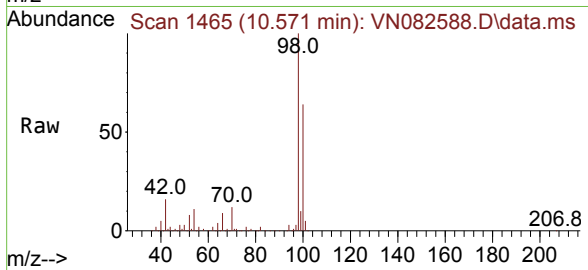
BP-VPB-196-GW-480-482

Tgt Ion: 98 Resp: 342942

Ion Ratio Lower Upper

98 100

100 63.3 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 48.177 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082588.D

Acq: 14 Jun 2024 17:16

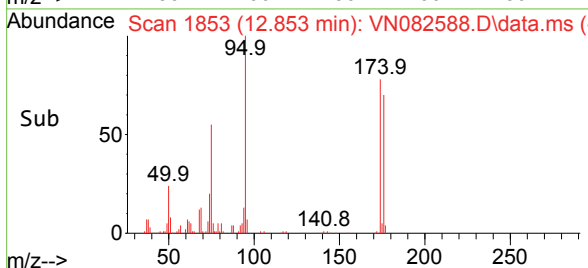
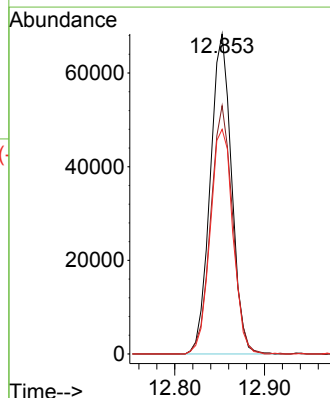
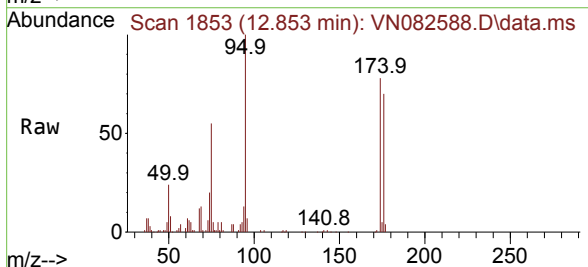
Tgt Ion: 95 Resp: 112750

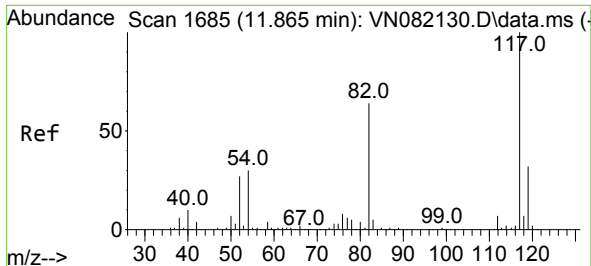
Ion Ratio Lower Upper

95 100

174 79.6 0.0 160.6

176 74.7 0.0 152.8

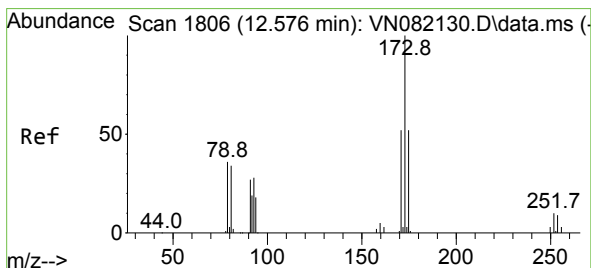
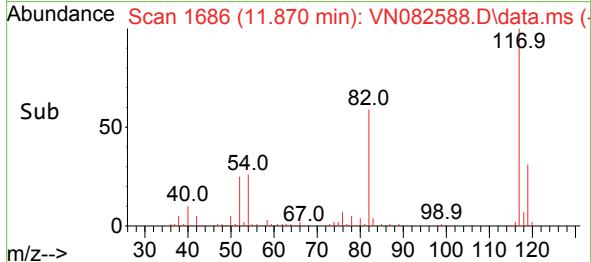
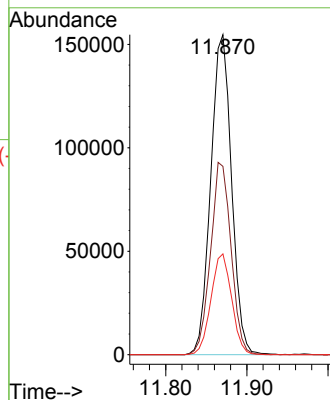
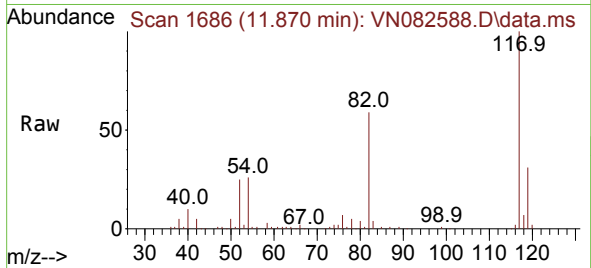




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082588.D
Acq: 14 Jun 2024 17:16

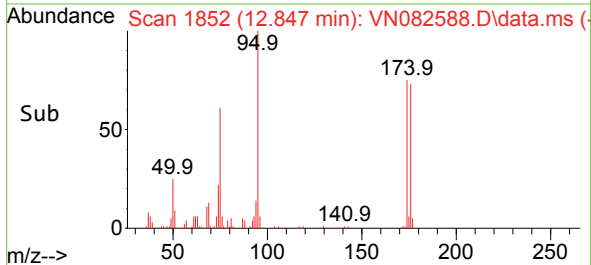
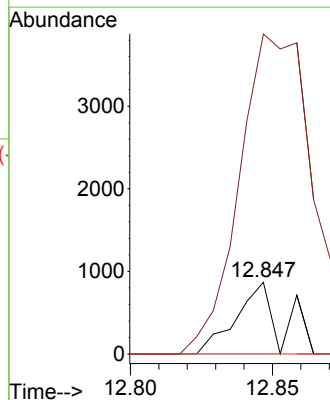
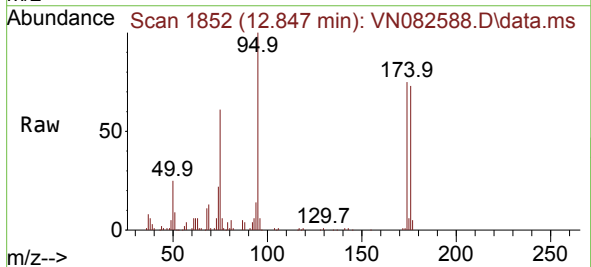
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-480-482

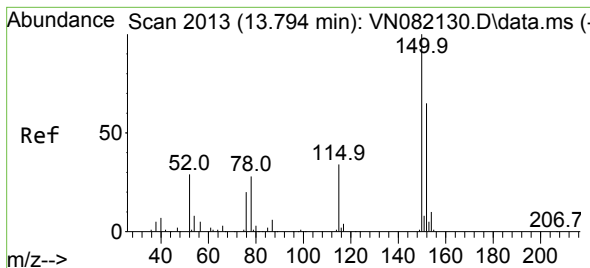
Tgt Ion:117 Resp: 275192
Ion Ratio Lower Upper
117 100
82 58.8 44.6 66.8
119 31.5 25.9 38.9



#71
Bromoform
Concen: 1.147 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN082588.D
Acq: 14 Jun 2024 17:16

Tgt Ion:173 Resp: 720
Ion Ratio Lower Upper
173 100
175 608.6 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: VN082588.D

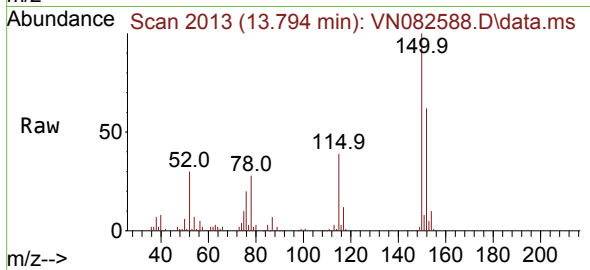
Acq: 14 Jun 2024 17:16

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-480-482



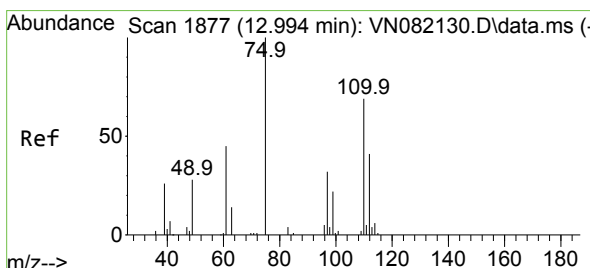
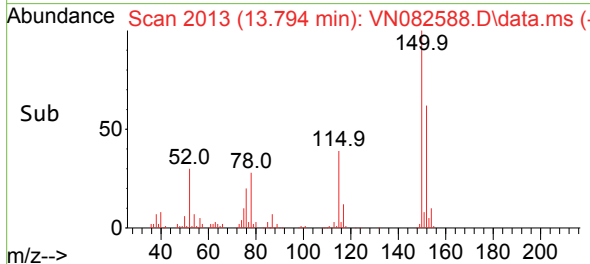
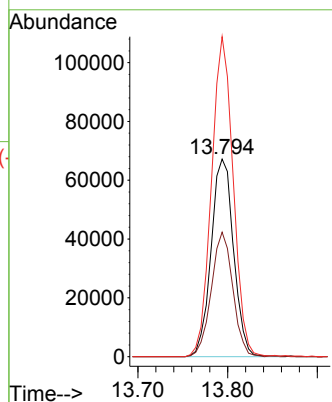
Tgt Ion:152 Resp: 116695

Ion Ratio Lower Upper

152 100

115 60.4 30.4 91.3

150 156.8 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 26.983 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082588.D

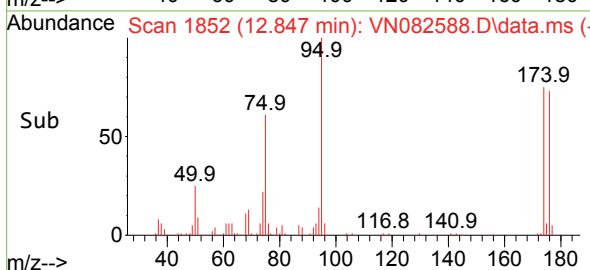
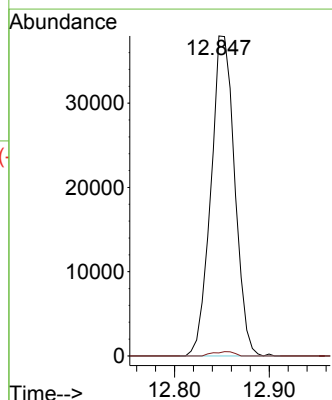
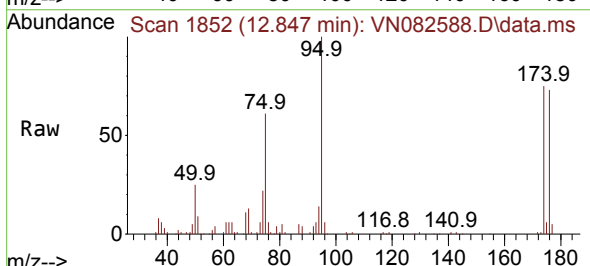
Acq: 14 Jun 2024 17:16

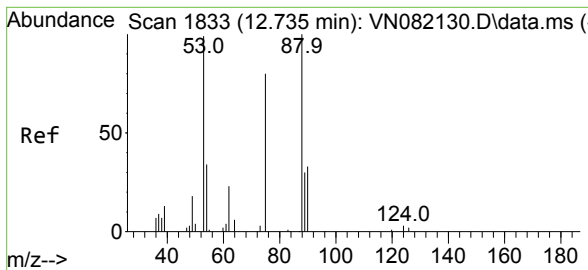
Tgt Ion: 75 Resp: 66274

Ion Ratio Lower Upper

75 100

77 1.2 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.112 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082588.D
 Acq: 14 Jun 2024 17:16

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-480-482

Tgt Ion:	75	Resp:	66274
Ion	Ratio	Lower	Upper
75	100		
53	0.1	72.9	109.3#
89	0.0	39.1	58.7#

