

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082494.D
 Acq On : 07 Jun 2024 15:49
 Operator : JC\MD
 Sample : P2771-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-200-202

Quant Time: Jun 08 00:59:22 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)

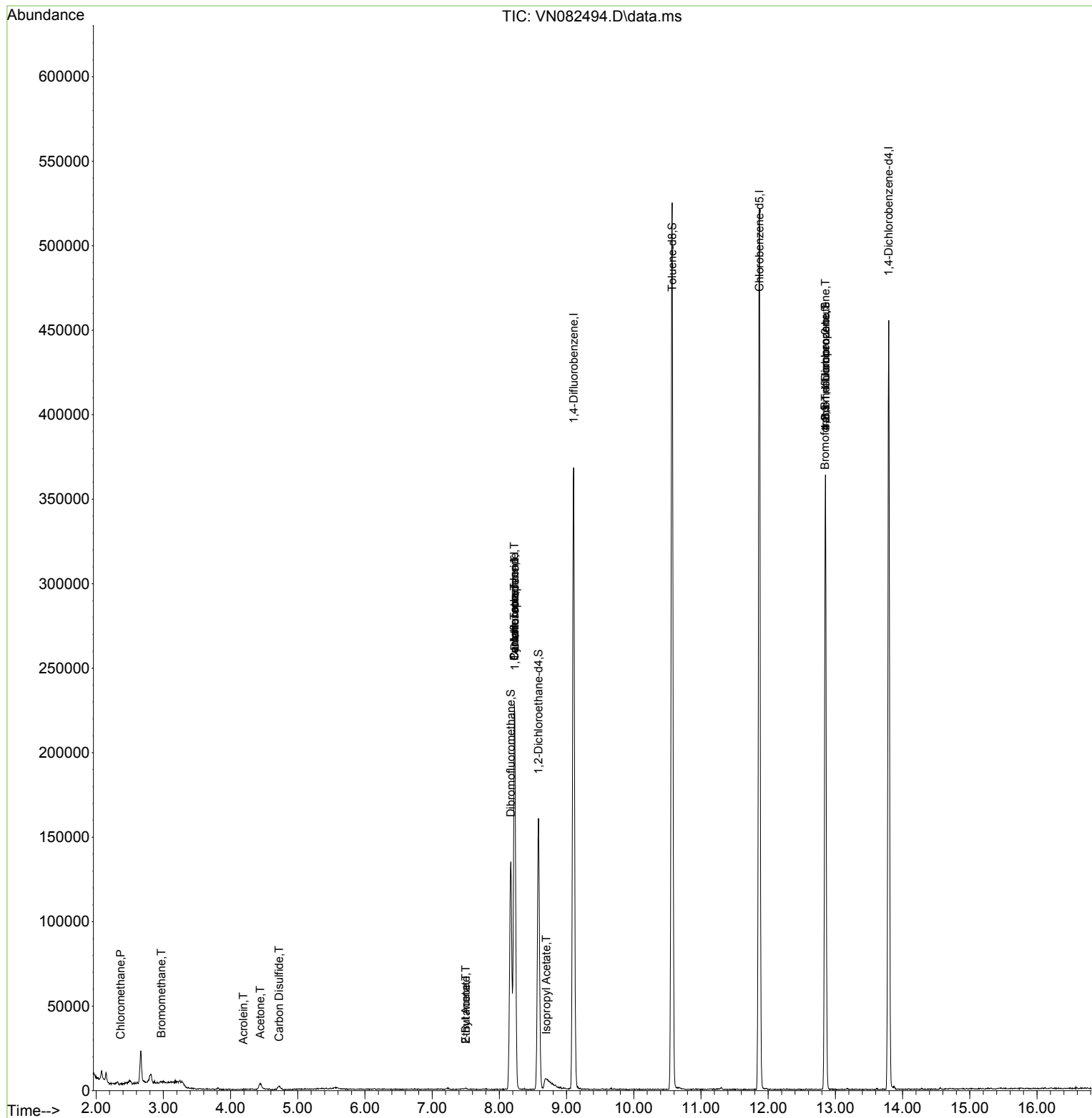
Internal Standards						
1) Pentafluorobenzene	8.224	168	155916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	287113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	277892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	128359	52.137	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.280%			
35) Dibromofluoromethane	8.171	113	95200	53.901	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.800%			
50) Toluene-d8	10.571	98	349383	51.597	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.200%			
62) 4-Bromofluorobenzene	12.853	95	113282	46.871	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 93.740%			
Target Compounds					Qvalue	
3) Chloromethane	2.365	50	552	0.217	ug/l #	85
5) Bromomethane	2.971	94	467	0.339	ug/l #	66
13) Acrolein	4.189	56	59	0.201	ug/l #	15
16) Acetone	4.442	43	7181	7.110	ug/l	91
17) Carbon Disulfide	4.724	76	2110	0.384	ug/l #	74
25) 2-Butanone	7.500	43	971	0.634	ug/l #	43
31) Cyclohexane	8.224	56	4517	1.149	ug/l #	40
36) 1,1-Dichloropropene	8.230	75	14563	4.916	ug/l #	49
37) Ethyl Acetate	7.500	43	971	0.293	ug/l #	68
38) Carbon Tetrachloride	8.224	117	17094	5.693	ug/l #	16
43) Isopropyl Acetate	8.700	43	7912	1.347	ug/l #	52
71) Bromoform	12.847	173	630	1.087	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	66925	27.657	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	66925	64.690	ug/l #	12

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

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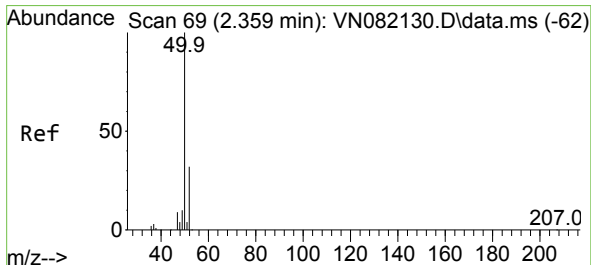
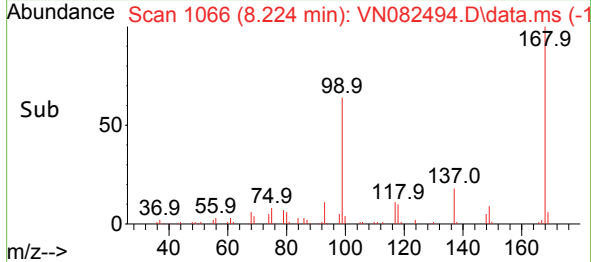
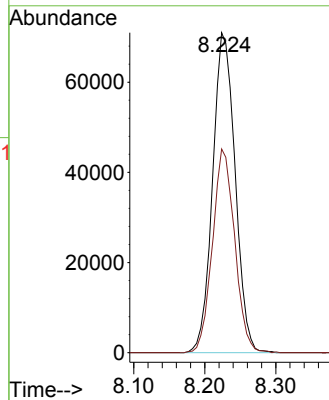
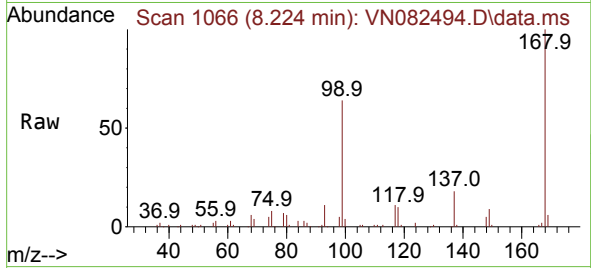




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN082494.D
Acq: 07 Jun 2024 15:49

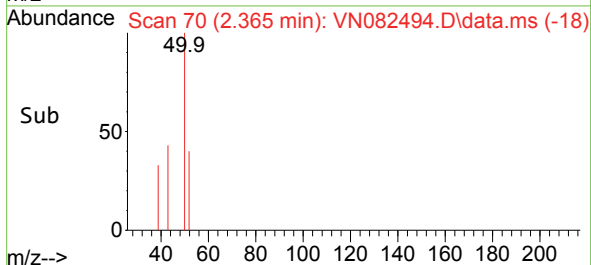
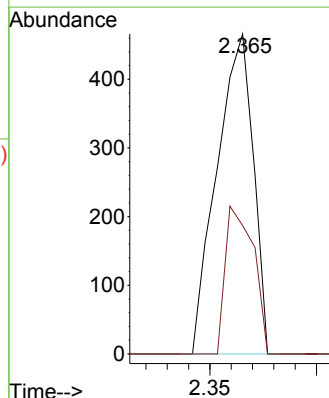
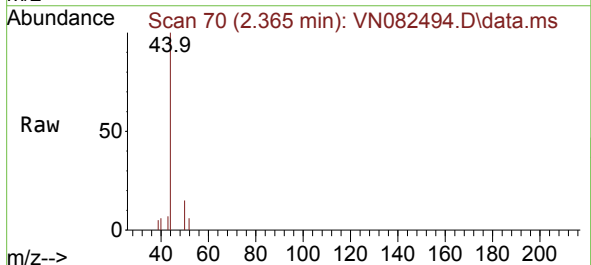
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-200-202

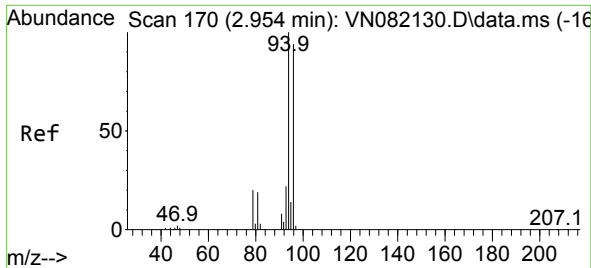
Tgt Ion:168 Resp: 155916
Ion Ratio Lower Upper
168 100
99 63.6 48.2 72.4



#3
Chloromethane
Concen: 0.217 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082494.D
Acq: 07 Jun 2024 15:49

Tgt Ion: 50 Resp: 552
Ion Ratio Lower Upper
50 100
52 40.1 25.5 38.3#

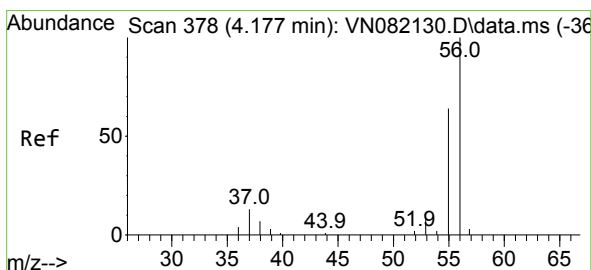
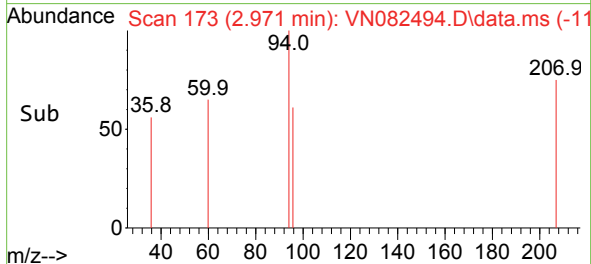
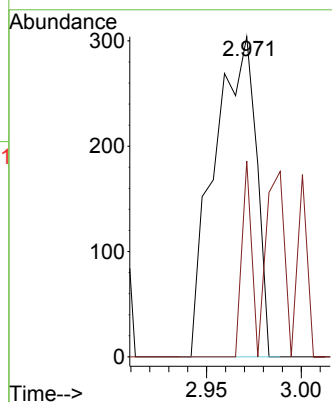
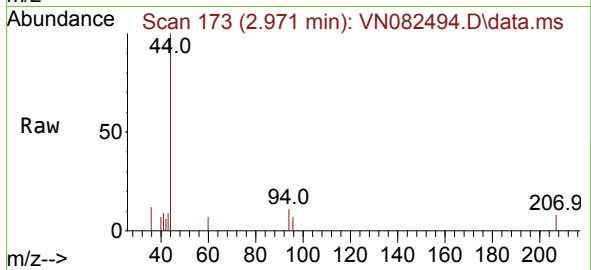




#5
Bromomethane
Concen: 0.339 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082494.D
Acq: 07 Jun 2024 15:49

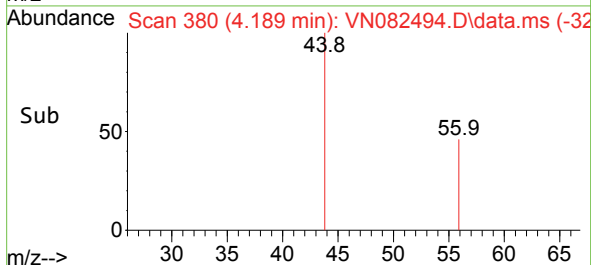
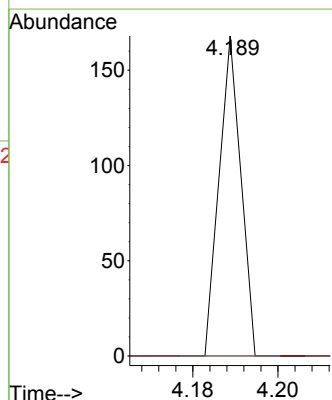
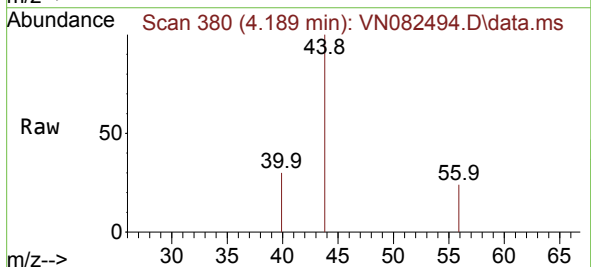
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-200-202

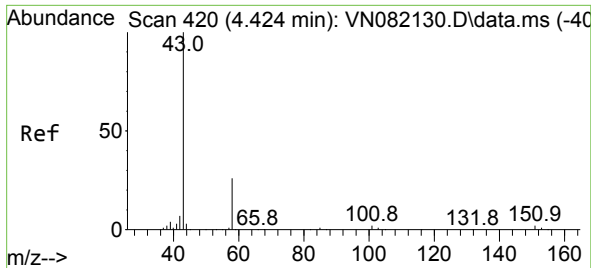
Tgt Ion: 94 Resp: 467
Ion Ratio Lower Upper
94 100
96 61.2 74.8 112.2#



#13
Acrolein
Concen: 0.201 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN082494.D
Acq: 07 Jun 2024 15:49

Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#

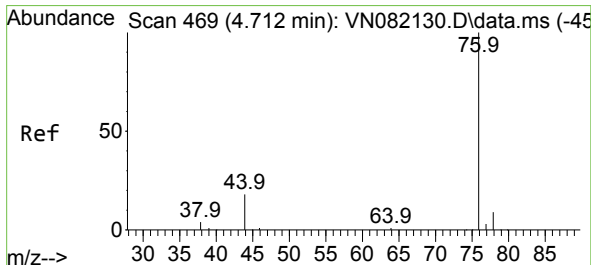
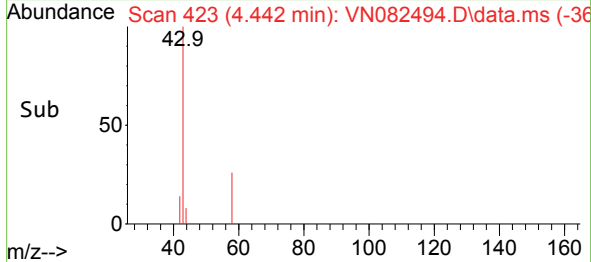
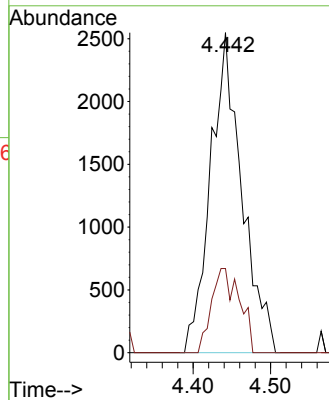
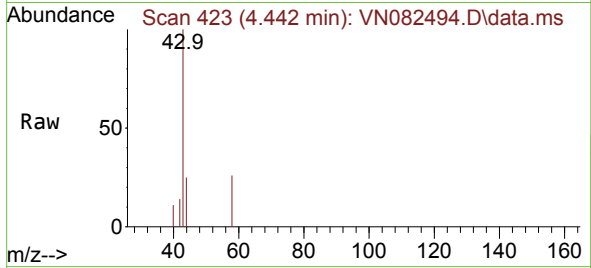




#16
Acetone
Concen: 7.110 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN082494.D
Acq: 07 Jun 2024 15:49

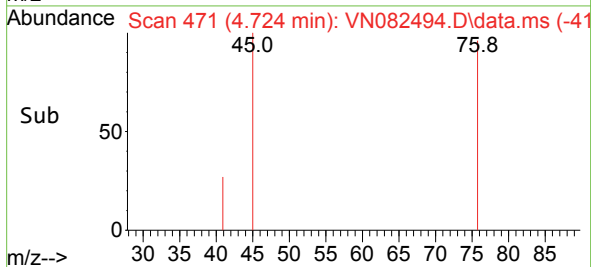
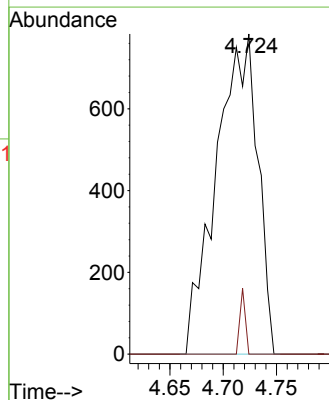
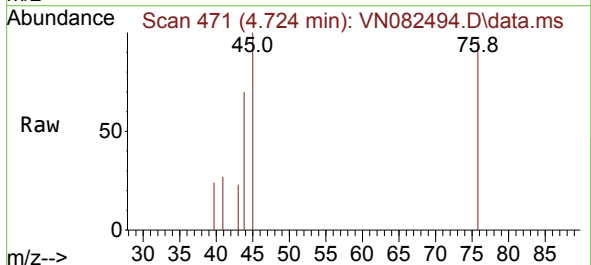
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-200-202

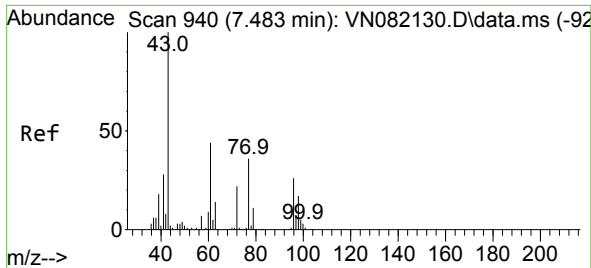
Tgt Ion: 43 Resp: 7181
Ion Ratio Lower Upper
43 100
58 26.3 25.2 37.8



#17
Carbon Disulfide
Concen: 0.384 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN082494.D
Acq: 07 Jun 2024 15:49

Tgt Ion: 76 Resp: 2110
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

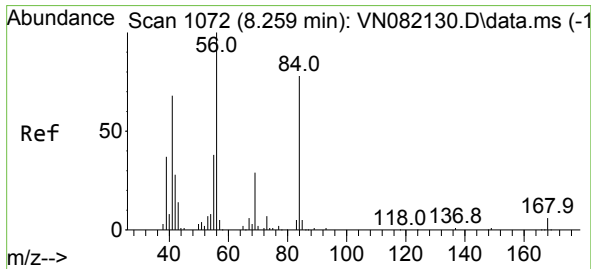
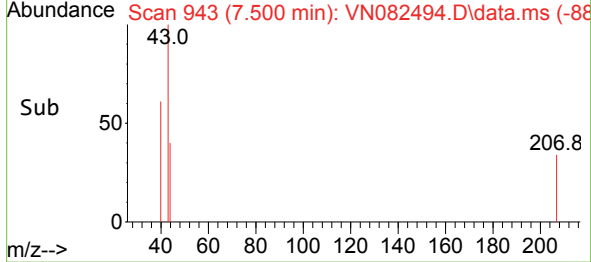
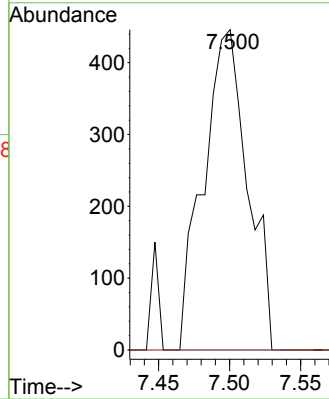
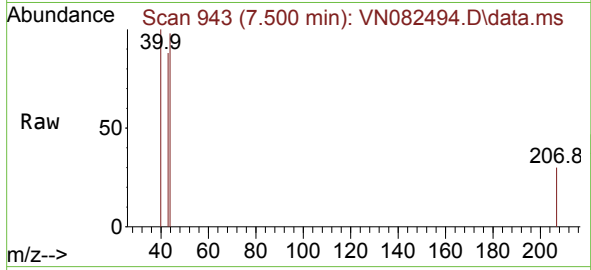




#25
2-Butanone
Concen: 0.634 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.018 min
Lab File: VN082494.D
Acq: 07 Jun 2024 15:49

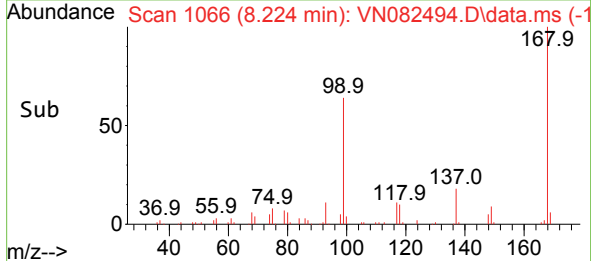
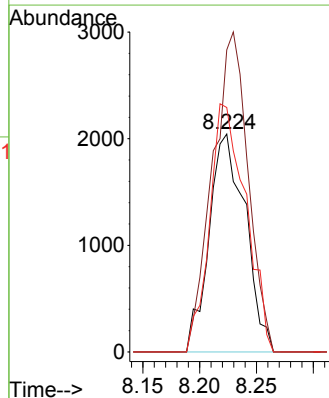
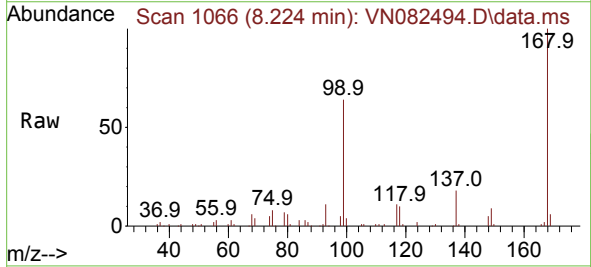
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-200-202

Tgt Ion: 43 Resp: 971
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.149 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082494.D
Acq: 07 Jun 2024 15:49

Tgt Ion: 56 Resp: 4517
Ion Ratio Lower Upper
56 100
69 138.6 24.4 36.6#
84 112.2 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 52.137 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN082494.D

Acq: 07 Jun 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

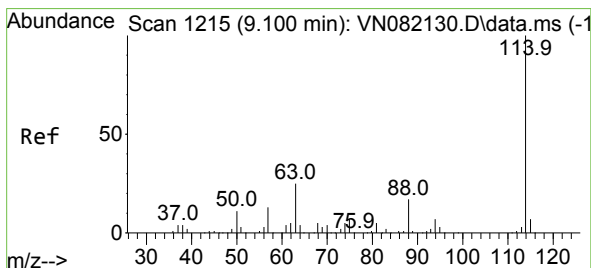
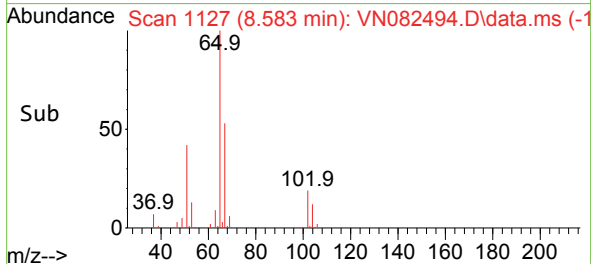
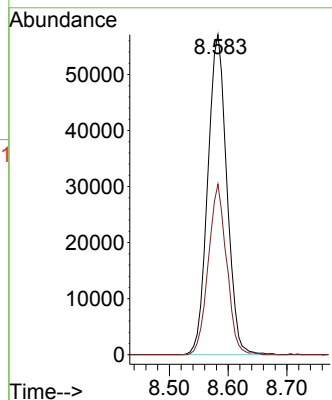
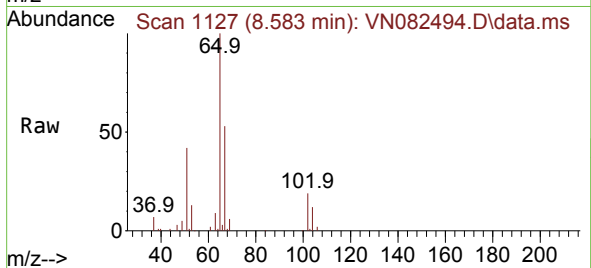
BP-VPB-196-GW-200-202

Tgt Ion: 65 Resp: 128359

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: VN082494.D

Acq: 07 Jun 2024 15:49

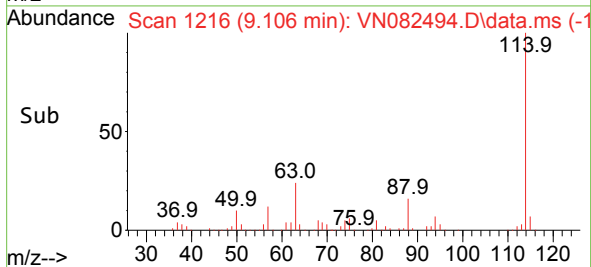
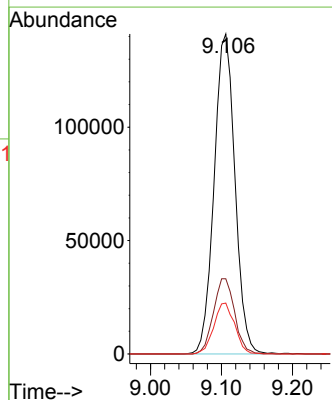
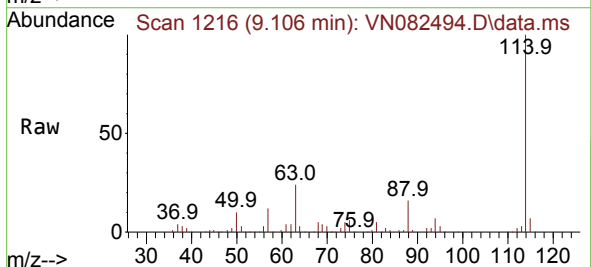
Tgt Ion: 114 Resp: 287113

Ion Ratio Lower Upper

114 100

63 23.5 0.0 41.0

88 15.9 0.0 31.4

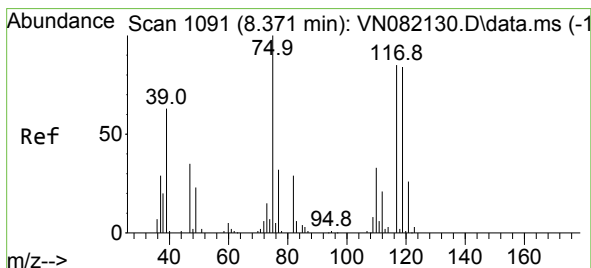
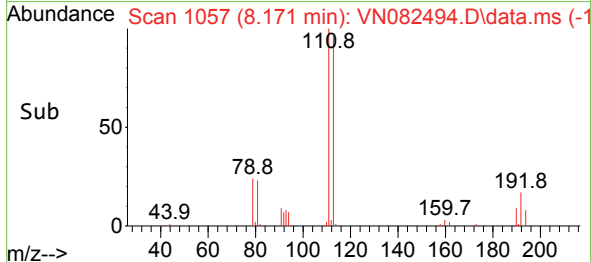
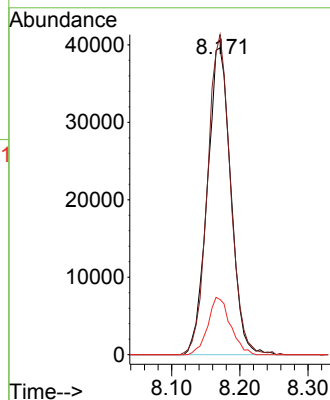
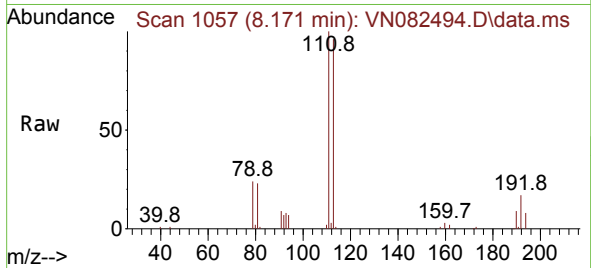




#35
Dibromofluoromethane
Concen: 53.901 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082494.D
Acq: 07 Jun 2024 15:49

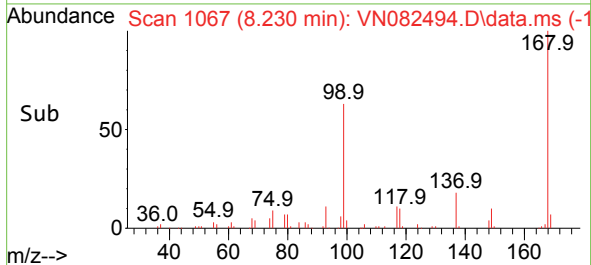
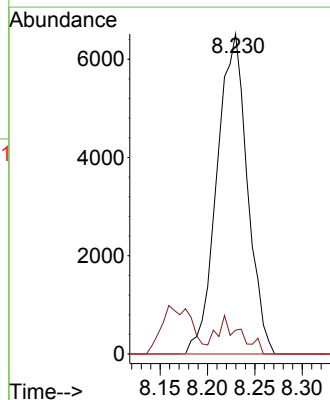
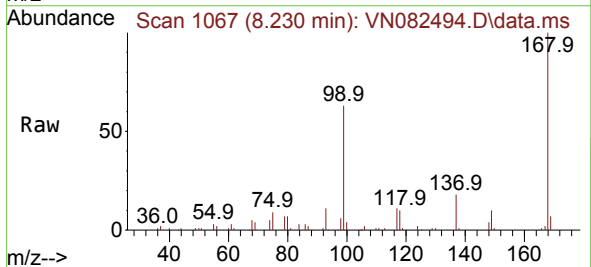
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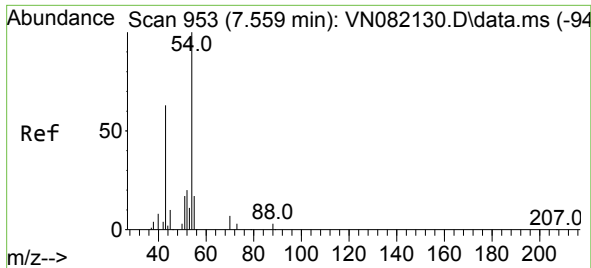
Tgt Ion:113 Resp: 95200
Ion Ratio Lower Upper
113 100
111 101.7 83.4 125.2
192 17.9 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.916 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082494.D
Acq: 07 Jun 2024 15:49

Tgt Ion: 75 Resp: 14563
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.293 ug/l

RT: 7.500 min Scan# 94

Delta R.T. -0.059 min

Lab File: VN082494.D

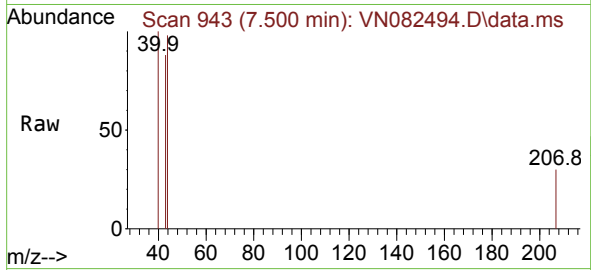
Acq: 07 Jun 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-200-202



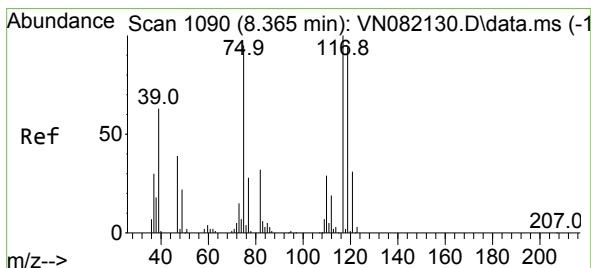
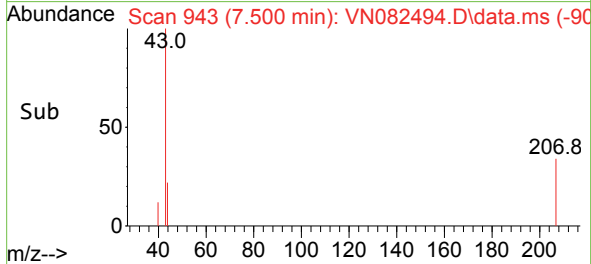
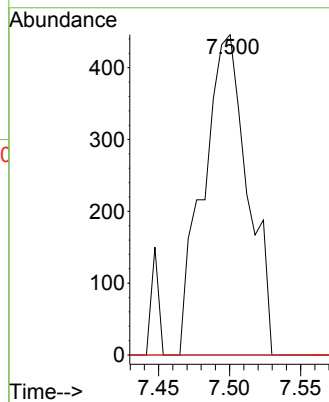
Tgt Ion: 43 Resp: 971

Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

70 0.0 8.7 13.1#



#38

Carbon Tetrachloride

Concen: 5.693 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082494.D

Acq: 07 Jun 2024 15:49

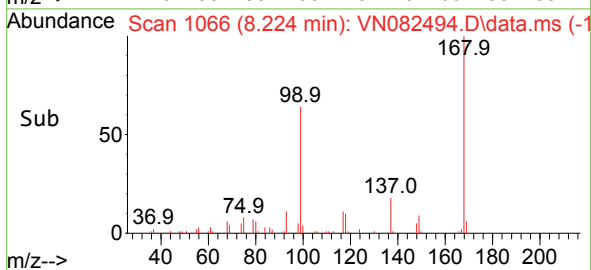
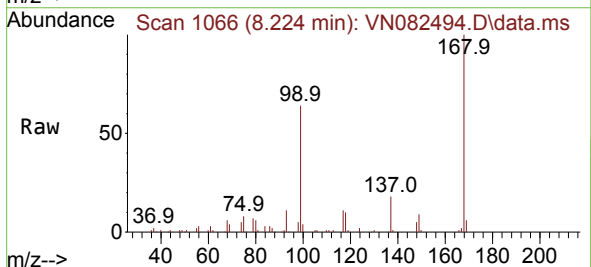
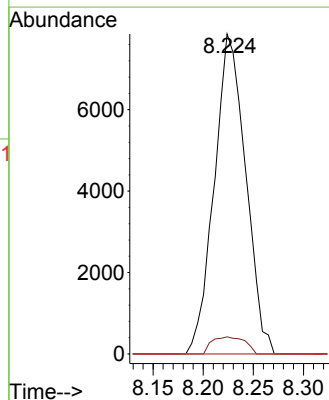
Tgt Ion: 117 Resp: 17094

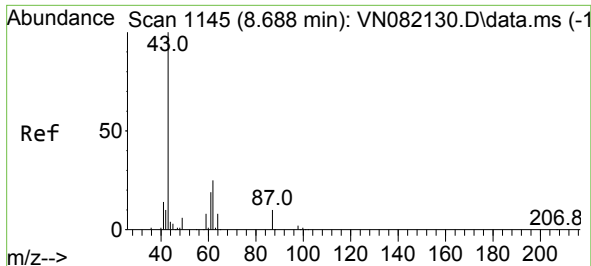
Ion Ratio Lower Upper

117 100

119 5.4 76.5 114.7#

121 0.0 23.9 35.9#

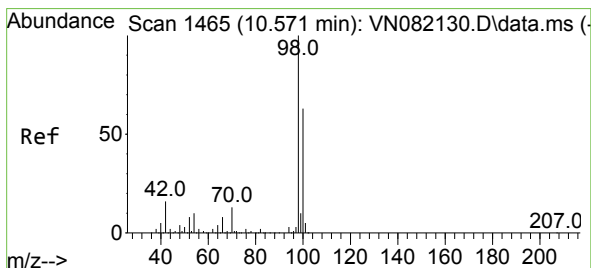
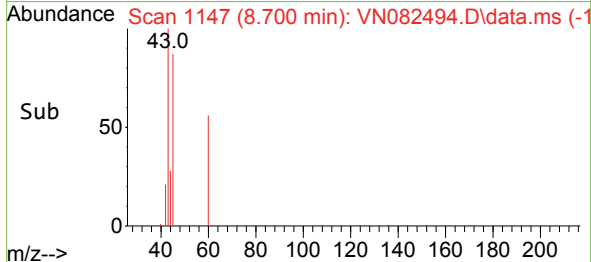
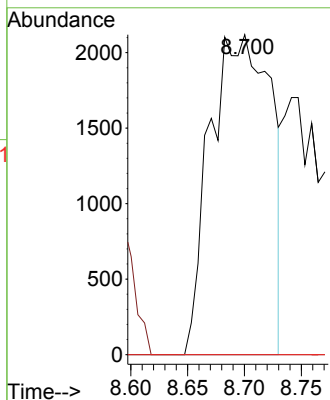
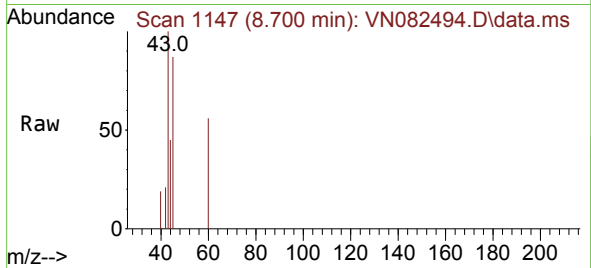




#43
Isopropyl Acetate
Concen: 1.347 ug/l
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN082494.D
Acq: 07 Jun 2024 15:49

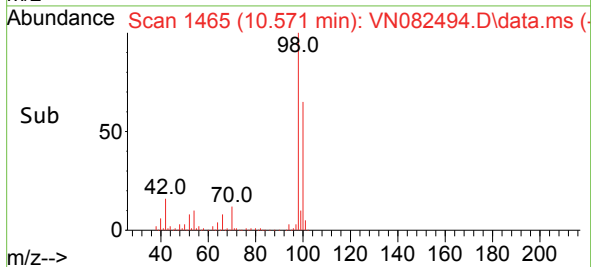
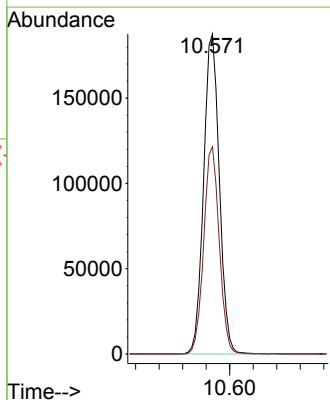
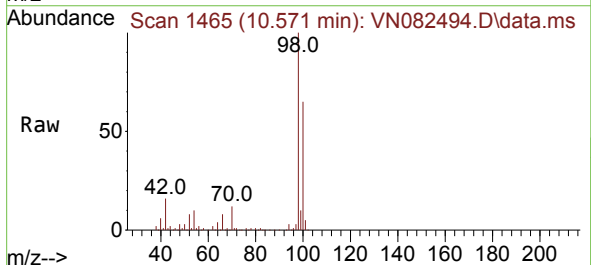
Instrument :
MSVOA_N
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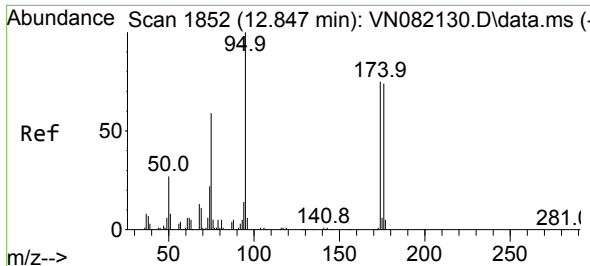
Tgt Ion: 43 Resp: 7912
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 51.597 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082494.D
Acq: 07 Jun 2024 15:49

Tgt Ion: 98 Resp: 349383
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6

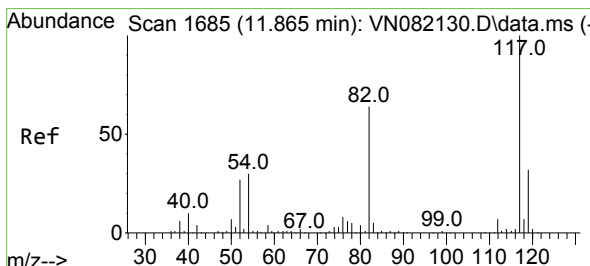
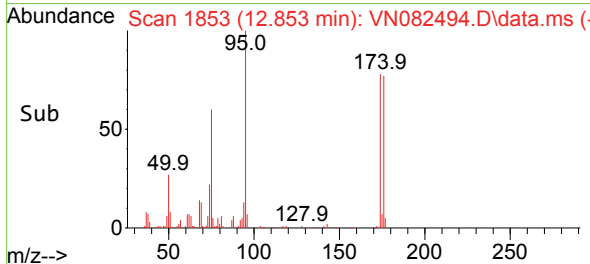
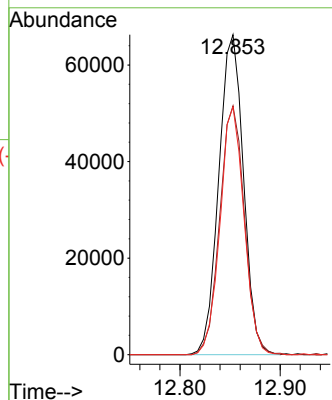
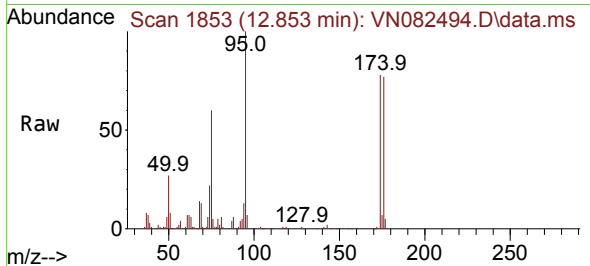




#62
4-Bromofluorobenzene
Concen: 46.871 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082494.D
Acq: 07 Jun 2024 15:49

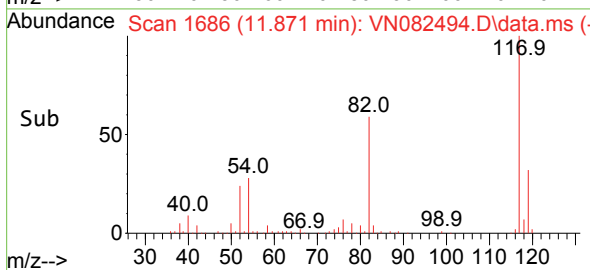
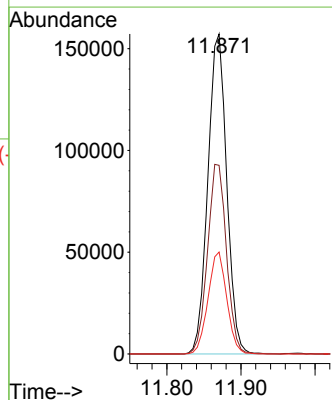
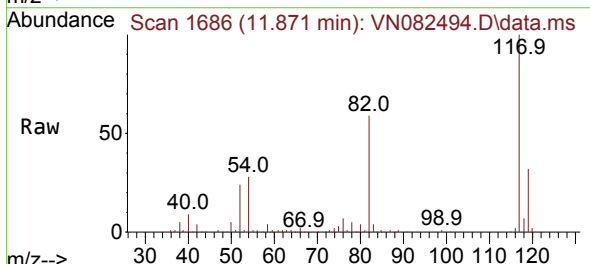
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-200-202

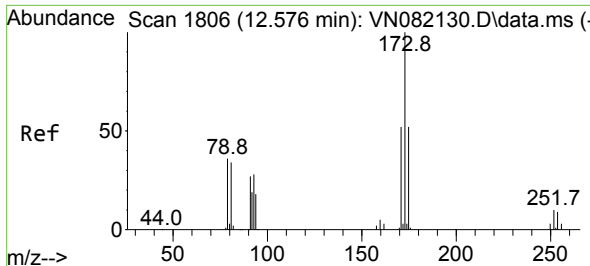
Tgt Ion: 95 Resp: 113282
Ion Ratio Lower Upper
95 100
174 77.8 0.0 160.6
176 75.1 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082494.D
Acq: 07 Jun 2024 15:49

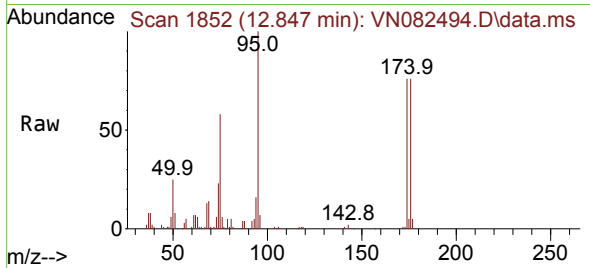
Tgt Ion: 117 Resp: 277892
Ion Ratio Lower Upper
117 100
82 58.9 44.6 66.8
119 31.8 25.9 38.9



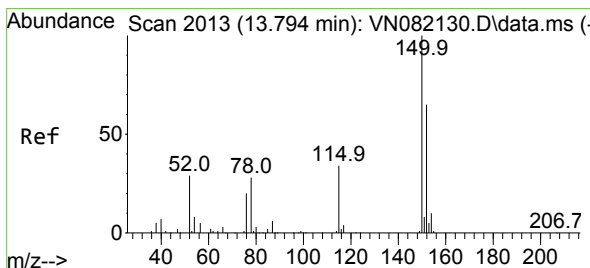
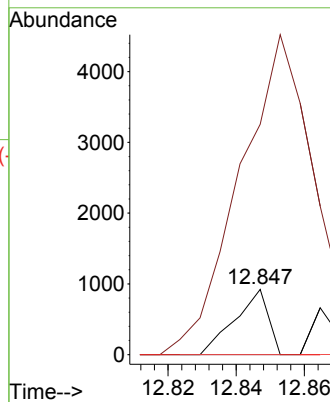
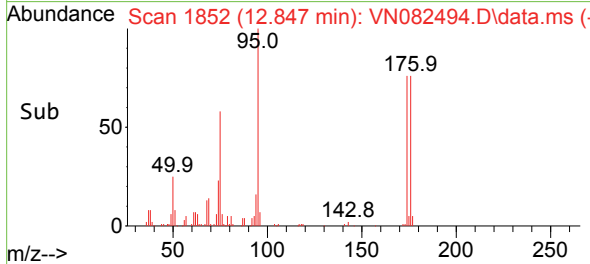


#71
Bromoform
Concen: 1.087 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN082494.D
Acq: 07 Jun 2024 15:49

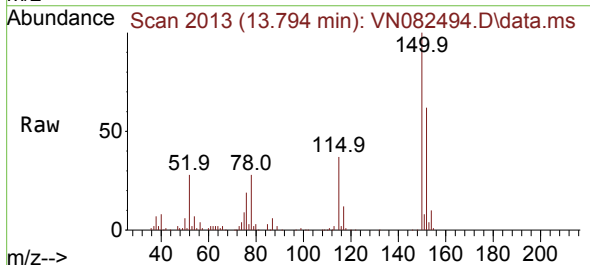
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-200-202



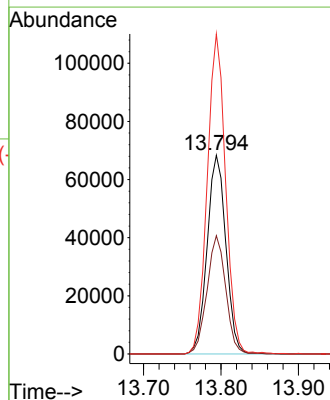
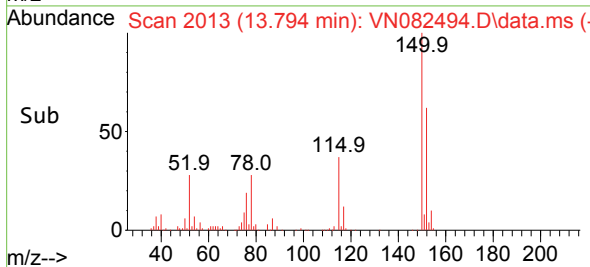
Tgt Ion:173 Resp: 630
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0

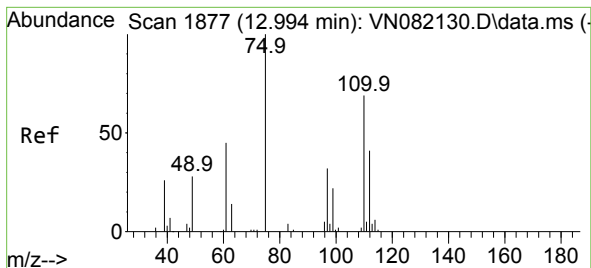


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082494.D
Acq: 07 Jun 2024 15:49



Tgt Ion:152 Resp: 114967
Ion Ratio Lower Upper
152 100
115 59.5 30.4 91.3
150 157.1 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 27.657 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082494.D

Acq: 07 Jun 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

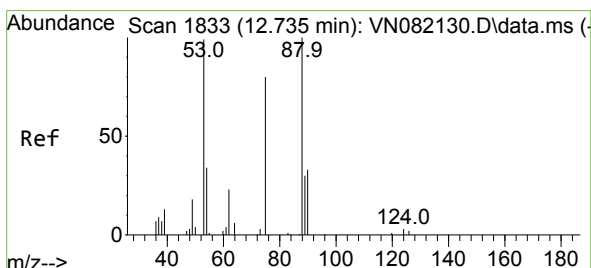
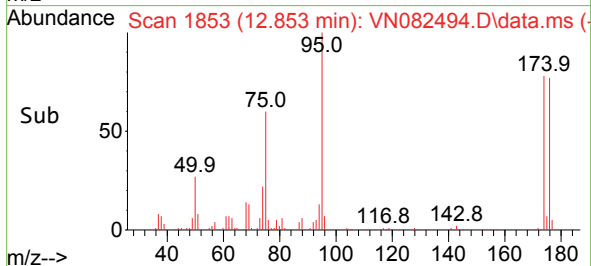
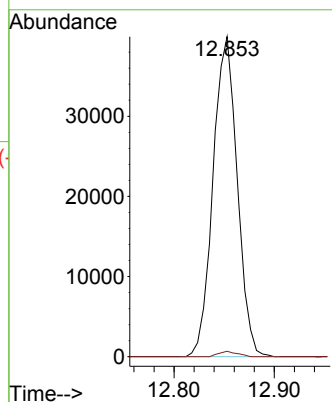
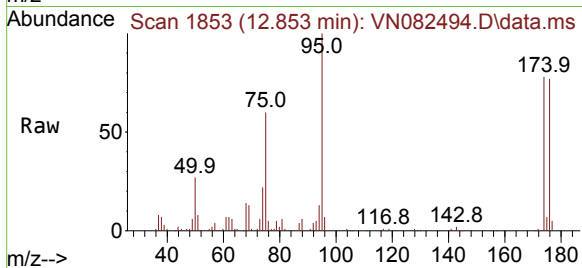
BP-VPB-196-GW-200-202

Tgt Ion: 75 Resp: 66925

Ion Ratio Lower Upper

75 100

77 1.3 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.690 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN082494.D

Acq: 07 Jun 2024 15:49

Tgt Ion: 75 Resp: 66925

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 39.1 58.7#

