

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082502.D
 Acq On : 07 Jun 2024 19:04
 Operator : JC\MD
 Sample : P2771-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-60-62

Quant Time: Jun 08 01:02:35 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)

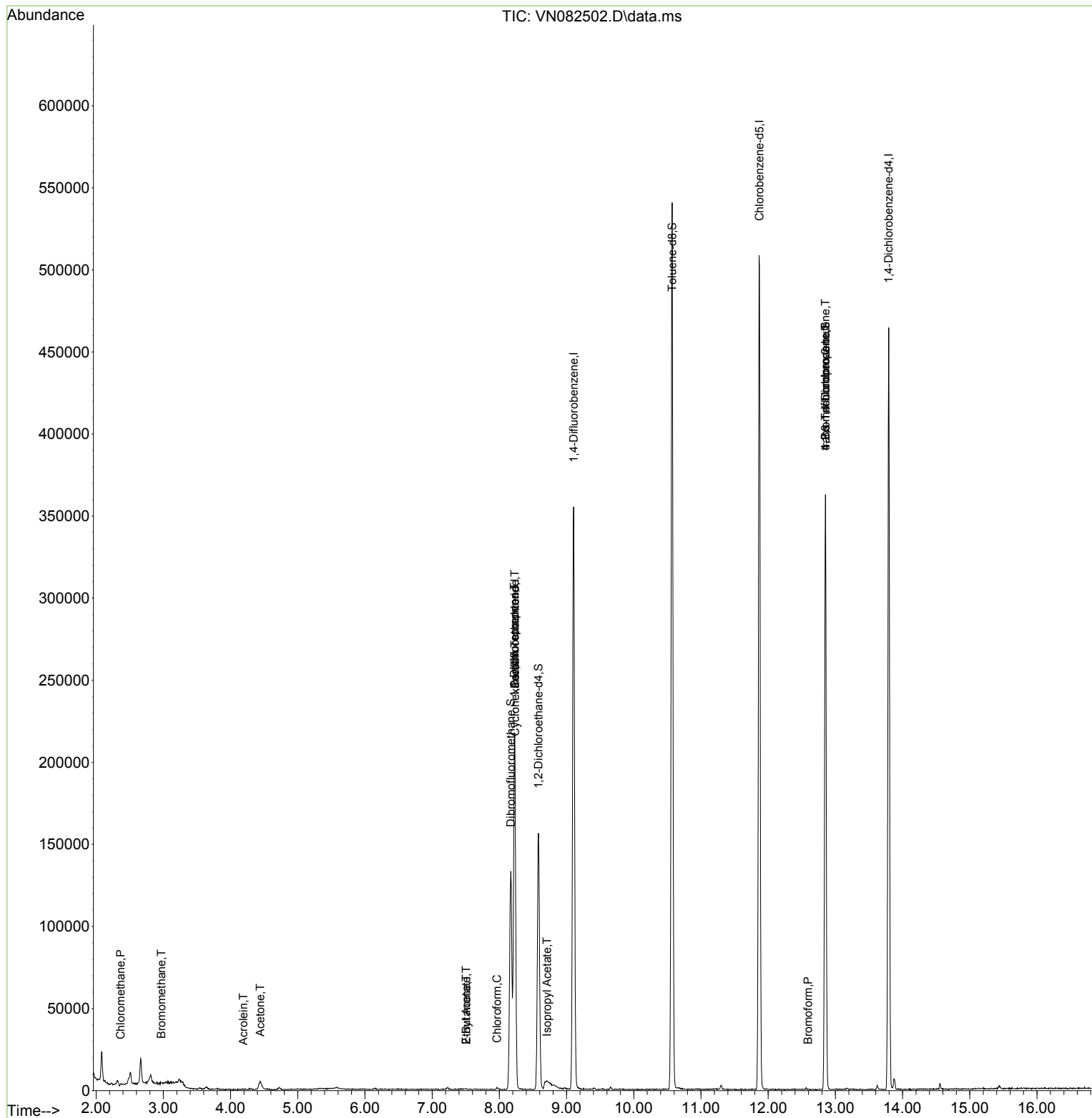
Internal Standards						
1) Pentafluorobenzene	8.230	168	149446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	279423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	270492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	128235	54.342	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.680%	
35) Dibromofluoromethane	8.171	113	93568	54.435	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.880%	
50) Toluene-d8	10.571	98	346081	52.516	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.040%	
62) 4-Bromofluorobenzene	12.853	95	113391	48.207	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 96.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	696	0.285	ug/l #	43
5) Bromomethane	2.971	94	275	0.208	ug/l	97
13) Acrolein	4.189	56	129	0.460	ug/l #	15
16) Acetone	4.442	43	9463	9.776	ug/l	95
25) 2-Butanone	7.506	43	1128	0.769	ug/l #	43
30) Chloroform	7.965	83	820	0.228	ug/l	94
31) Cyclohexane	8.236	56	4463	1.184	ug/l #	51
36) 1,1-Dichloropropene	8.224	75	15055	5.222	ug/l #	47
37) Ethyl Acetate	7.506	43	1128	0.350	ug/l #	68
38) Carbon Tetrachloride	8.230	117	17023	5.825	ug/l #	16
43) Isopropyl Acetate	8.712	43	6756	1.182	ug/l #	52
71) Bromoform	12.594	173	61	0.739	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	65539	27.313	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	65539	63.885	ug/l #	13

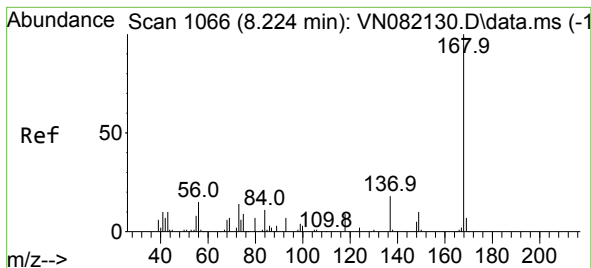
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082502.D

Acq: 07 Jun 2024 19:04

Instrument :

MSVOA_N

ClientSampleId :

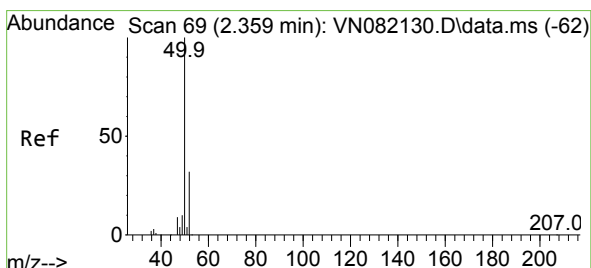
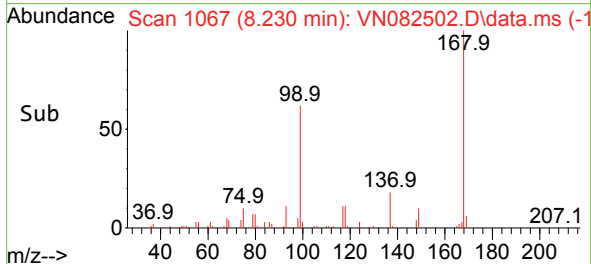
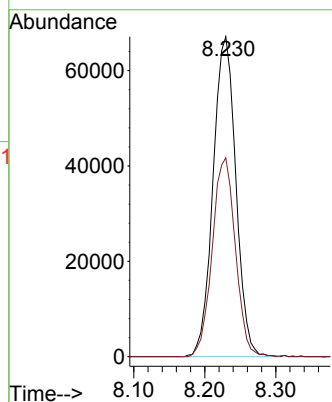
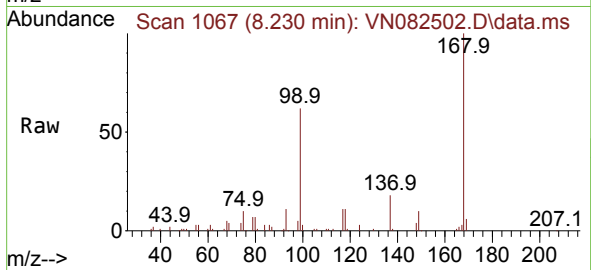
BP-VPB-196-GW-60-62

Tgt Ion:168 Resp: 149446

Ion Ratio Lower Upper

168 100

99 62.1 48.2 72.4



#3

Chloromethane

Concen: 0.285 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082502.D

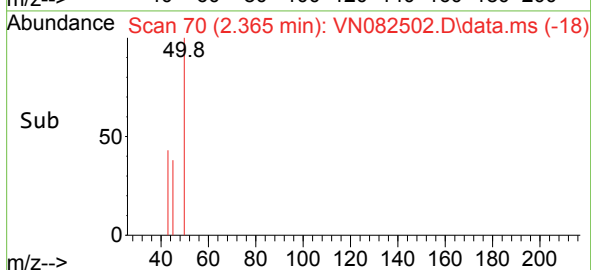
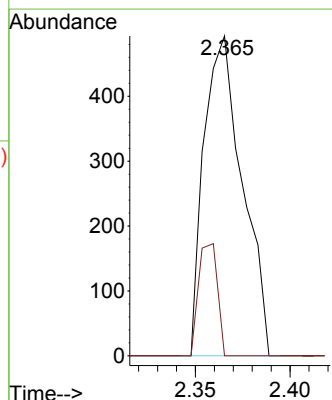
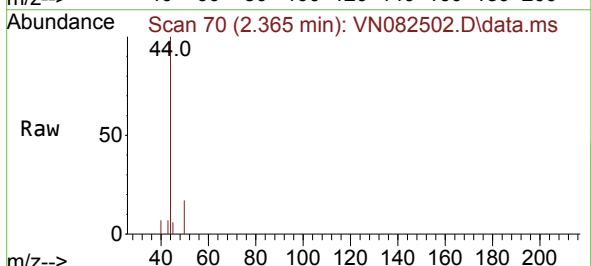
Acq: 07 Jun 2024 19:04

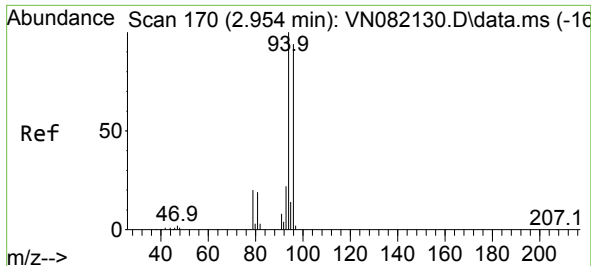
Tgt Ion: 50 Resp: 696

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

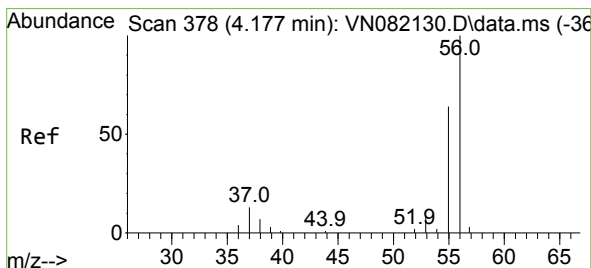
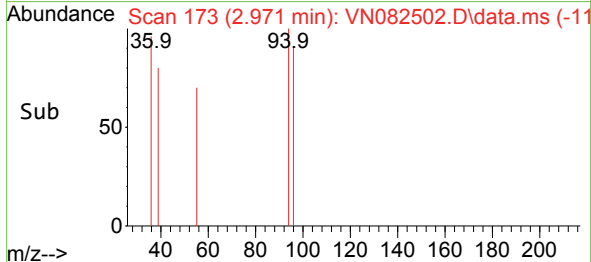
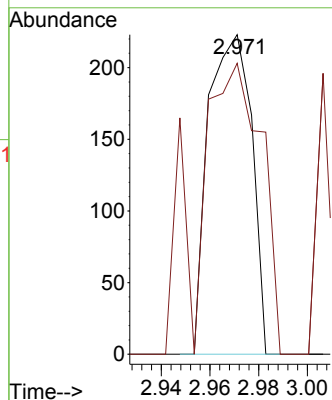
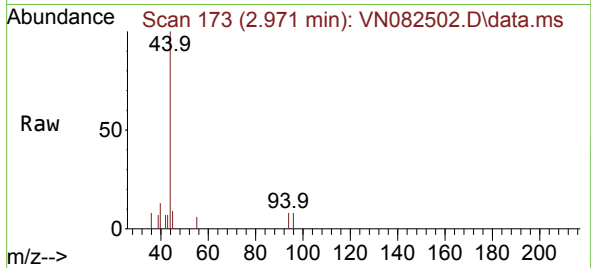




#5
Bromomethane
Concen: 0.208 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082502.D
Acq: 07 Jun 2024 19:04

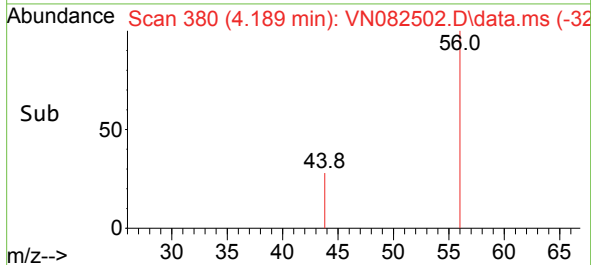
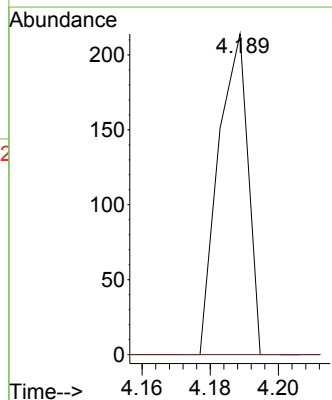
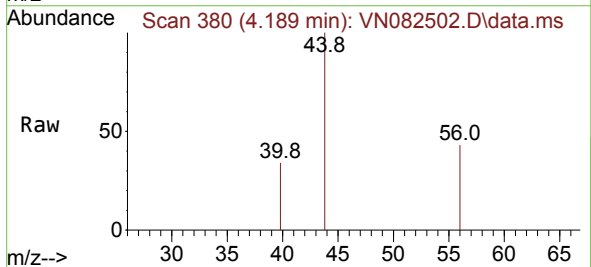
Instrument :
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ClientSampleId :
BP-VPB-196-GW-60-62

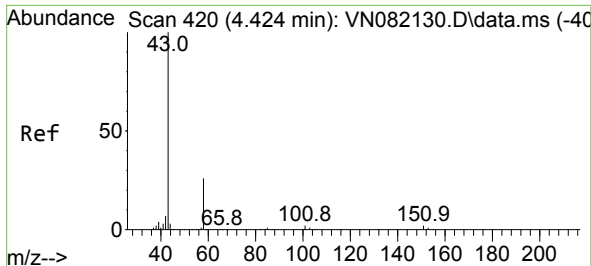
Tgt Ion: 94 Resp: 275
Ion Ratio Lower Upper
94 100
96 91.0 74.8 112.2



#13
Acrolein
Concen: 0.460 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN082502.D
Acq: 07 Jun 2024 19:04

Tgt Ion: 56 Resp: 129
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#

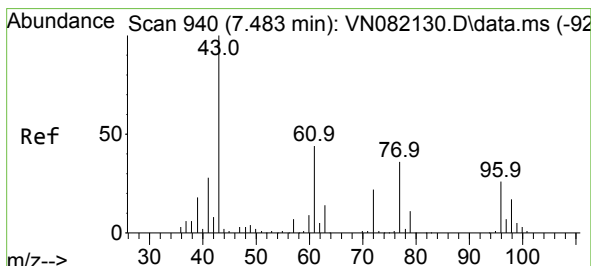
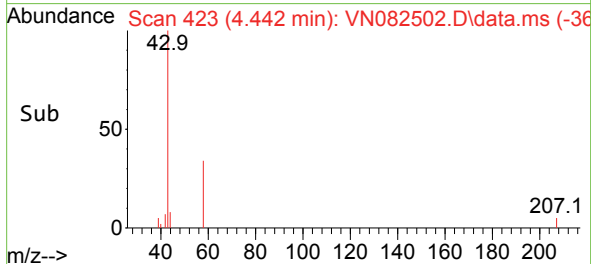
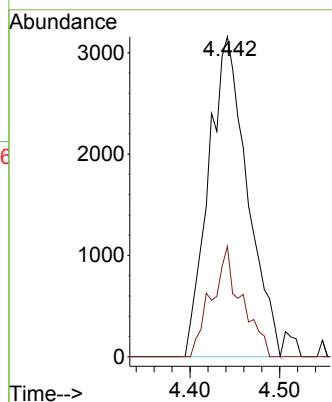
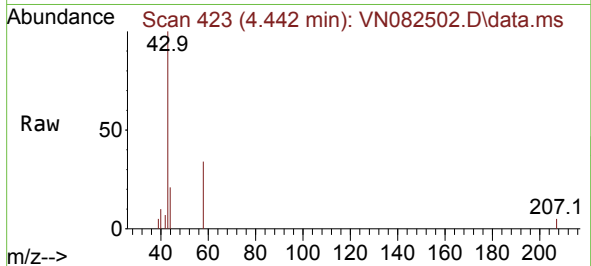




#16
Acetone
Concen: 9.776 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN082502.D
Acq: 07 Jun 2024 19:04

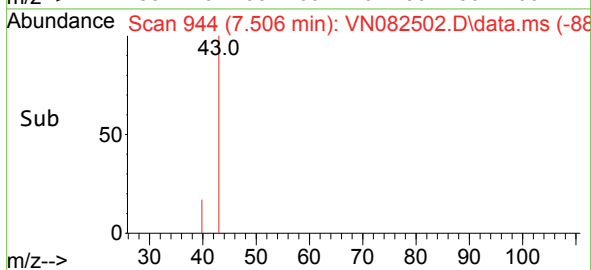
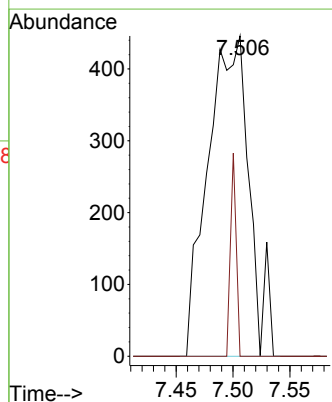
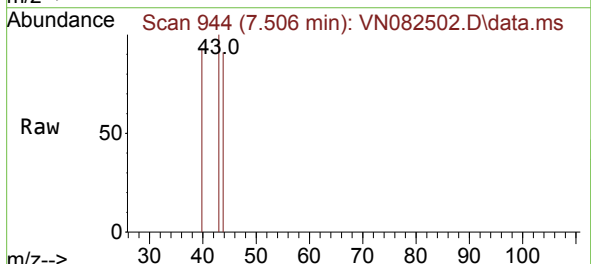
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-60-62

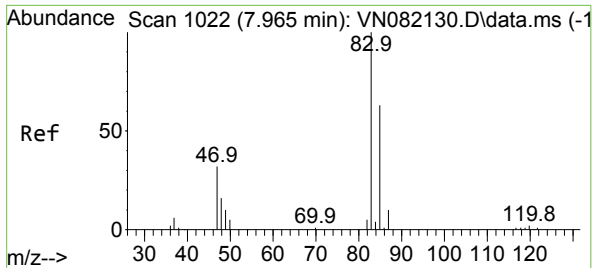
Tgt Ion: 43 Resp: 9463
Ion Ratio Lower Upper
43 100
58 34.5 25.2 37.8



#25
2-Butanone
Concen: 0.769 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.024 min
Lab File: VN082502.D
Acq: 07 Jun 2024 19:04

Tgt Ion: 43 Resp: 1128
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#

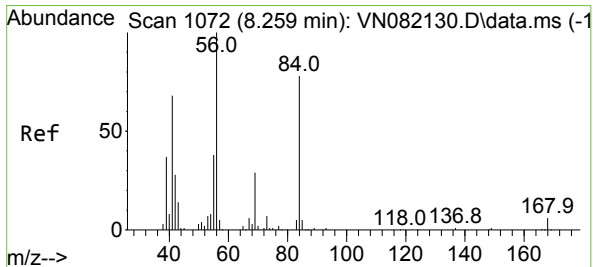
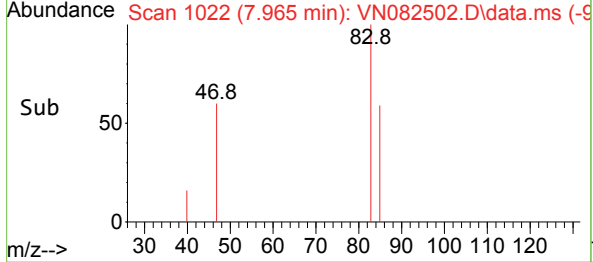
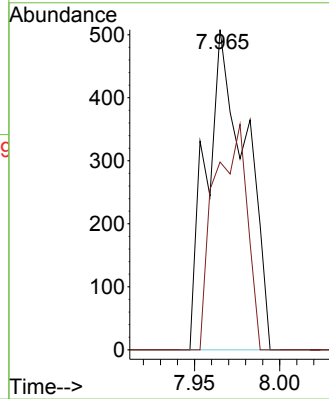
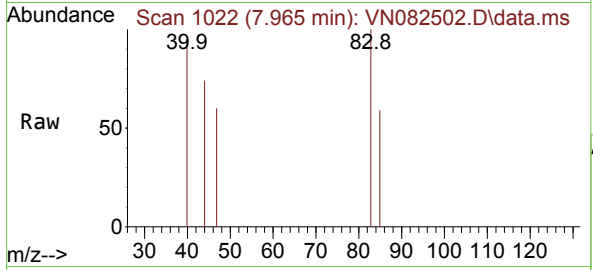




#30
Chloroform
Concen: 0.228 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN082502.D
Acq: 07 Jun 2024 19:04

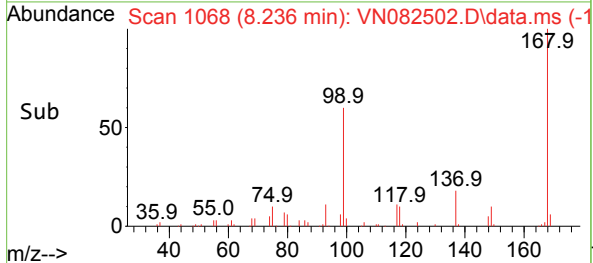
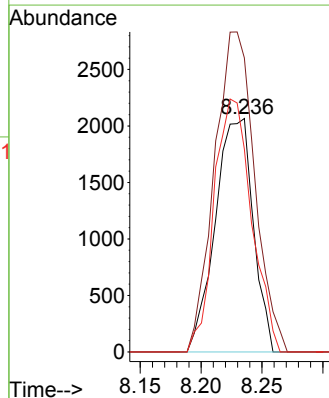
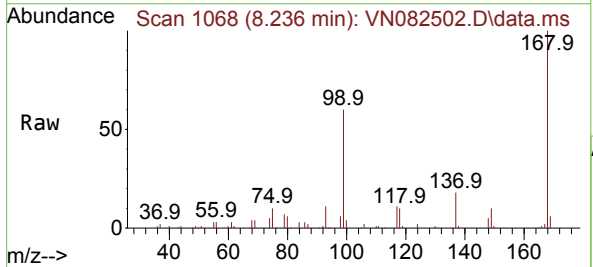
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-60-62

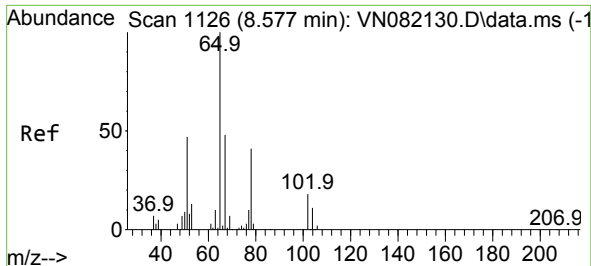
Tgt Ion: 83 Resp: 820
Ion Ratio Lower Upper
83 100
85 58.7 50.7 76.1



#31
Cyclohexane
Concen: 1.184 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.024 min
Lab File: VN082502.D
Acq: 07 Jun 2024 19:04

Tgt Ion: 56 Resp: 4463
Ion Ratio Lower Upper
56 100
69 125.9 24.4 36.6#
84 86.9 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 54.342 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082502.D

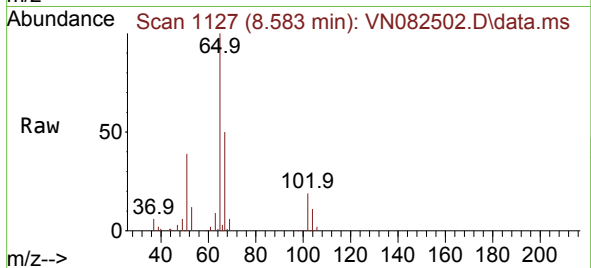
Acq: 07 Jun 2024 19:04

Instrument :

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ClientSampleId :

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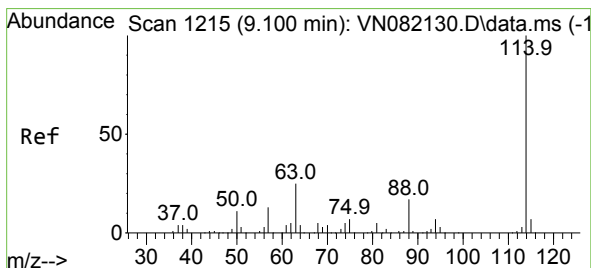
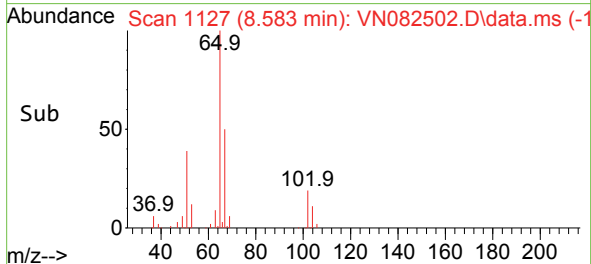
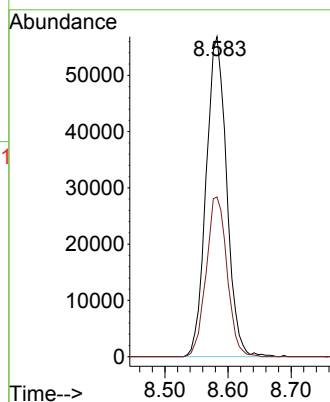


Tgt Ion: 65 Resp: 128235

Ion Ratio Lower Upper

65 100

67 50.8 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: VN082502.D

Acq: 07 Jun 2024 19:04

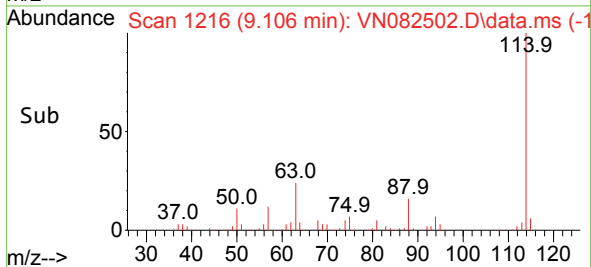
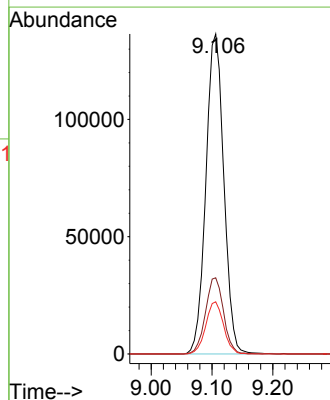
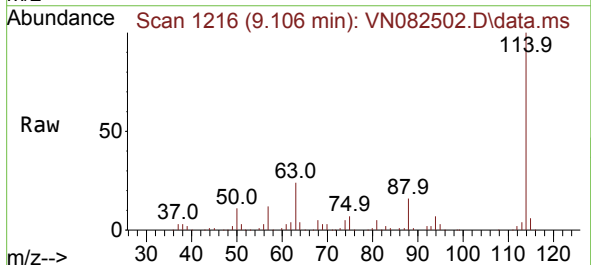
Tgt Ion: 114 Resp: 279423

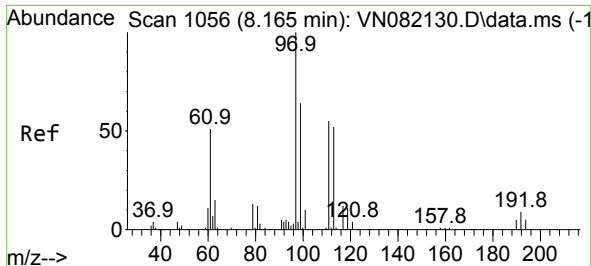
Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

88 16.3 0.0 31.4

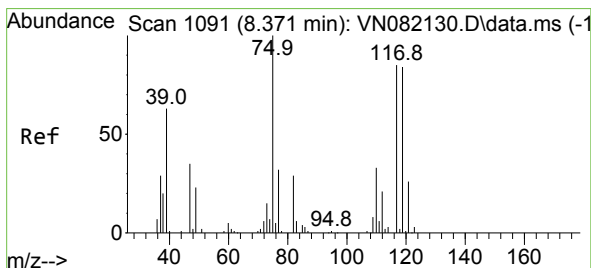
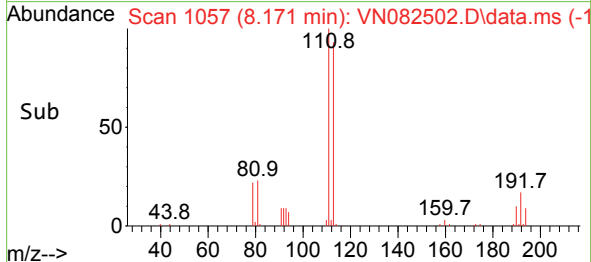
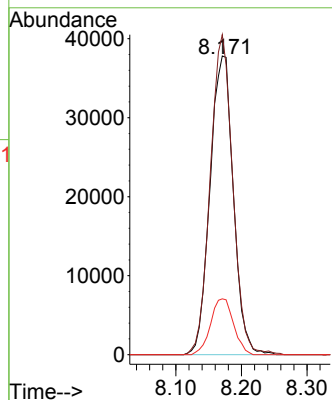
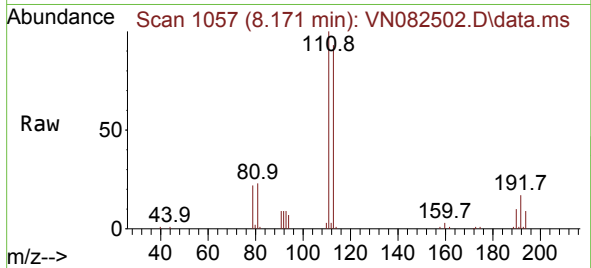




#35
Dibromofluoromethane
Concen: 54.435 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082502.D
Acq: 07 Jun 2024 19:04

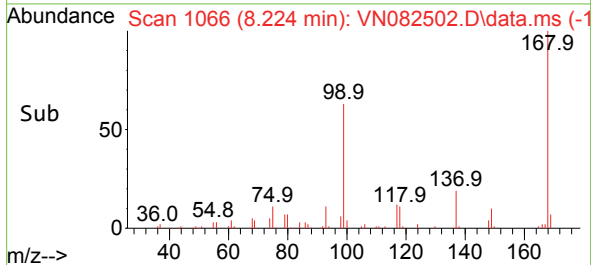
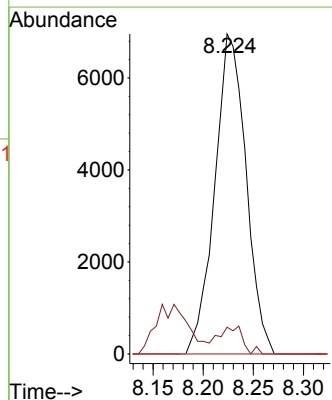
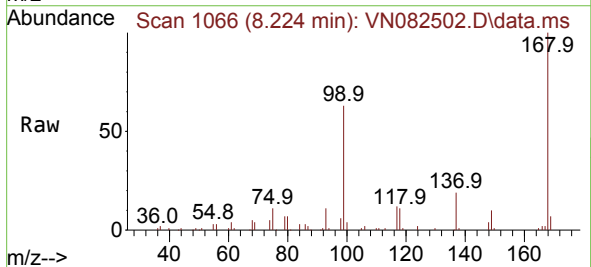
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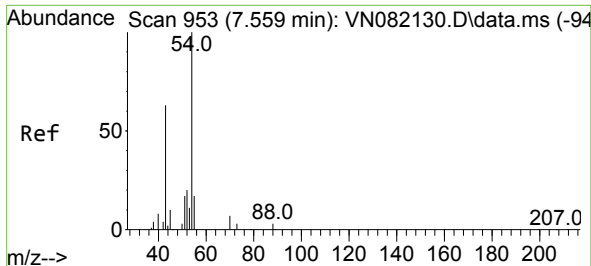
Tgt Ion:113 Resp: 93568
Ion Ratio Lower Upper
113 100
111 103.2 83.4 125.2
192 18.4 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.222 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082502.D
Acq: 07 Jun 2024 19:04

Tgt Ion: 75 Resp: 15055
Ion Ratio Lower Upper
75 100
110 6.6 17.8 53.5#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.350 ug/l

RT: 7.506 min Scan# 944

Delta R.T. -0.053 min

Lab File: VN082502.D

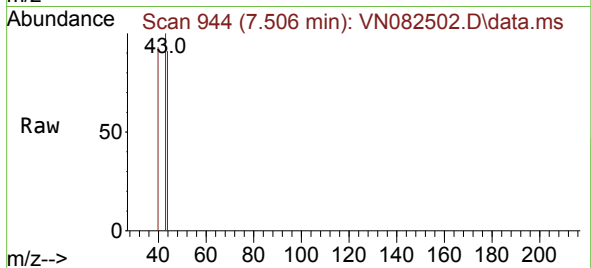
Acq: 07 Jun 2024 19:04

Instrument :

MSVOA_N

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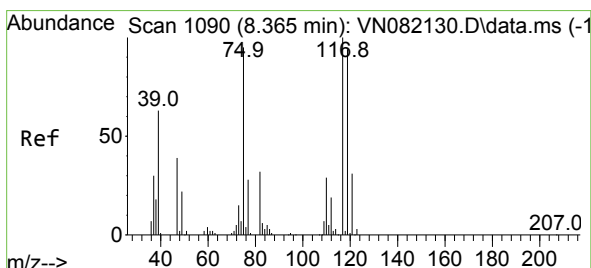
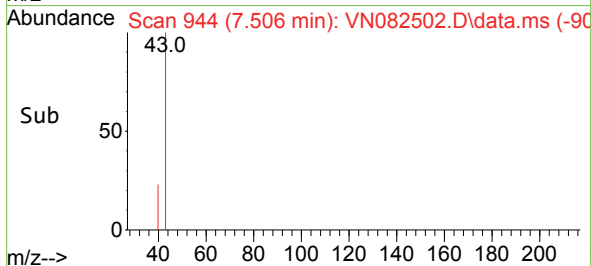
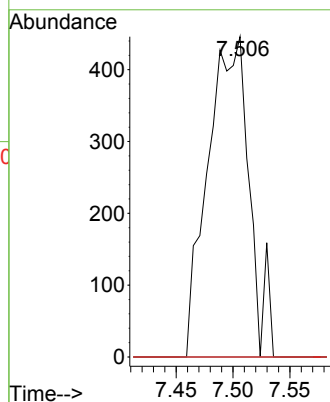
Tgt Ion: 43 Resp: 1128

Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

70 0.0 8.7 13.1#



#38

Carbon Tetrachloride

Concen: 5.825 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN082502.D

Acq: 07 Jun 2024 19:04

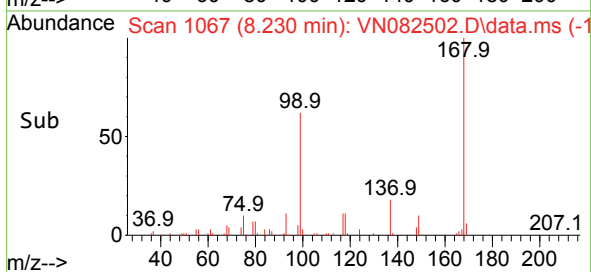
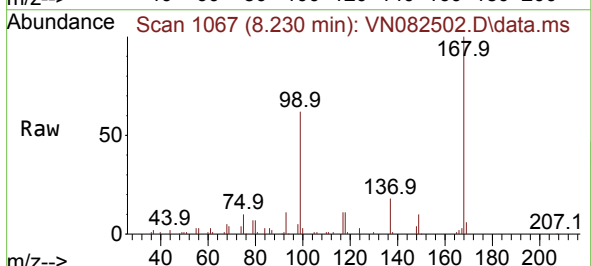
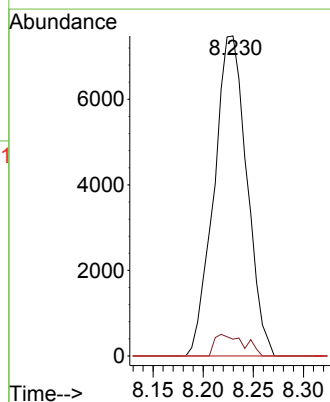
Tgt Ion: 117 Resp: 17023

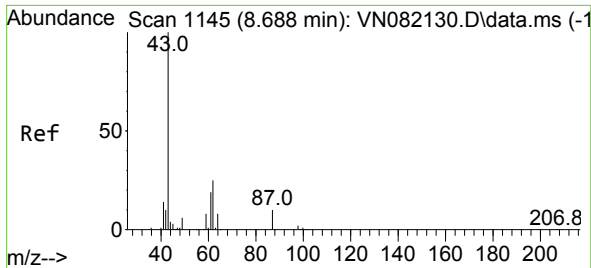
Ion Ratio Lower Upper

117 100

119 5.2 76.5 114.7#

121 0.0 23.9 35.9#

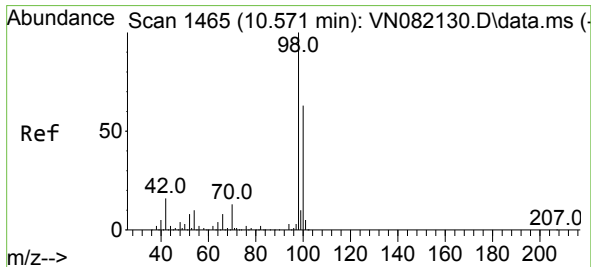
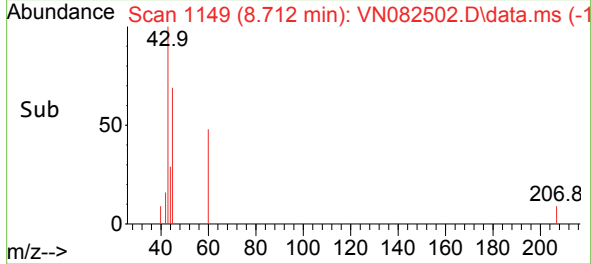
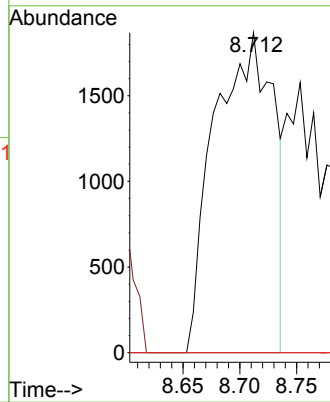
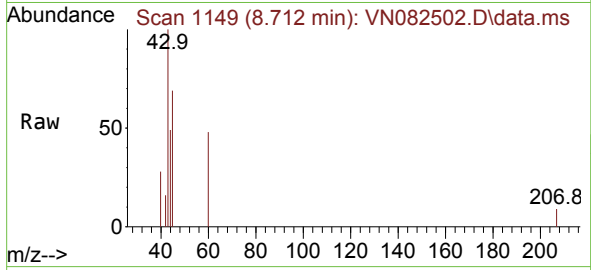




#43
Isopropyl Acetate
Concen: 1.182 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.024 min
Lab File: VN082502.D
Acq: 07 Jun 2024 19:04

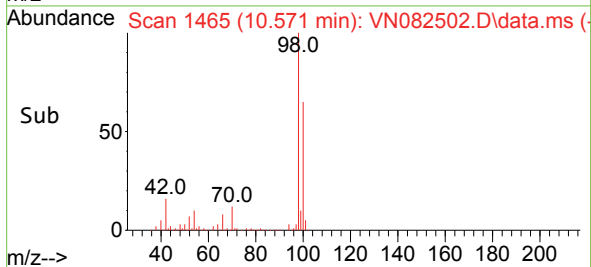
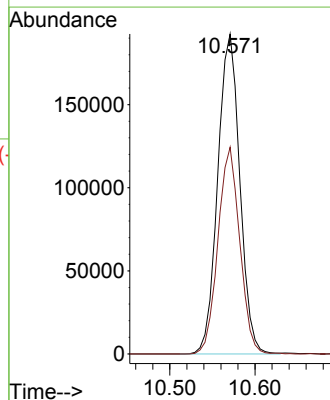
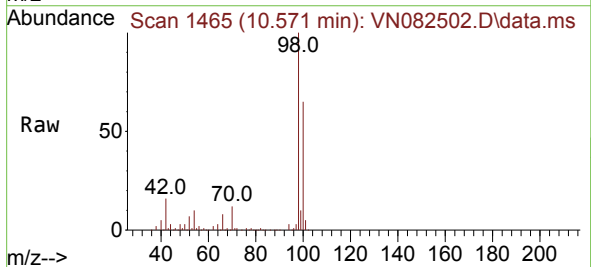
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-60-62

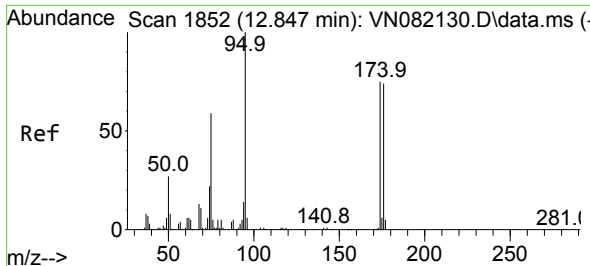
Tgt Ion: 43 Resp: 6756
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 52.516 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082502.D
Acq: 07 Jun 2024 19:04

Tgt Ion: 98 Resp: 346081
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6

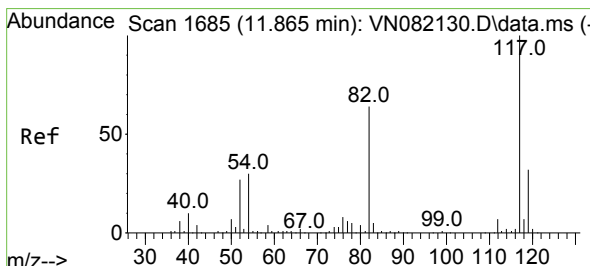
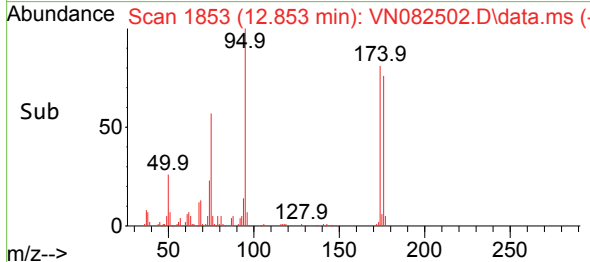
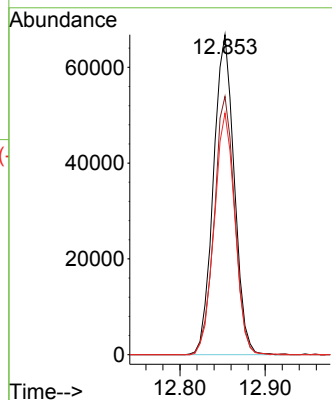
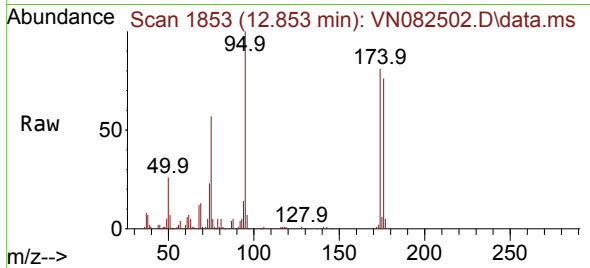




#62
4-Bromofluorobenzene
Concen: 48.207 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082502.D
Acq: 07 Jun 2024 19:04

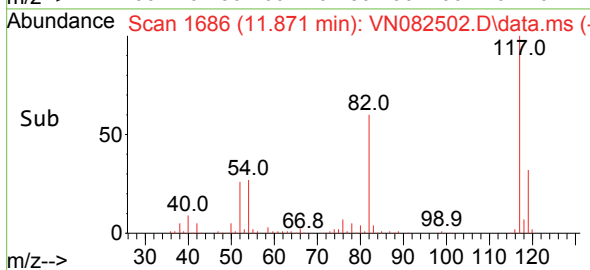
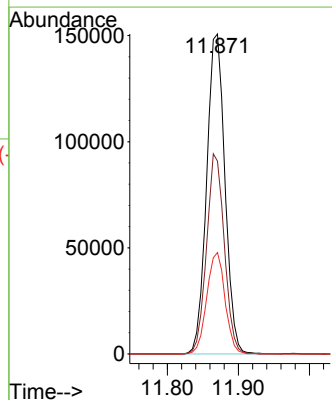
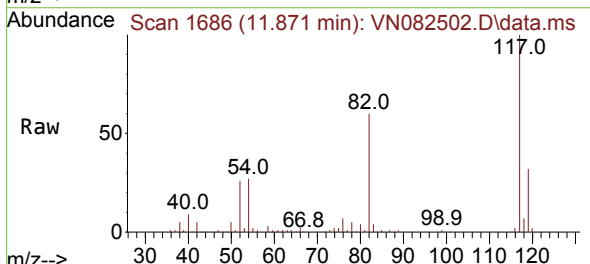
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-60-62

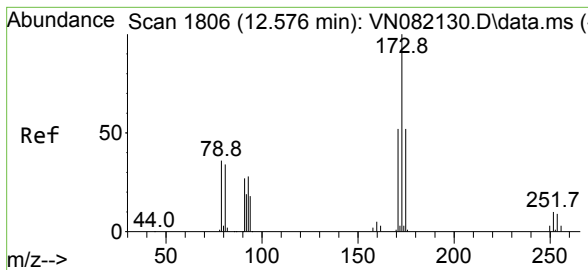
Tgt Ion: 95 Resp: 113391
Ion Ratio Lower Upper
95 100
174 79.7 0.0 160.6
176 75.1 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082502.D
Acq: 07 Jun 2024 19:04

Tgt Ion: 117 Resp: 270492
Ion Ratio Lower Upper
117 100
82 60.3 44.6 66.8
119 31.7 25.9 38.9

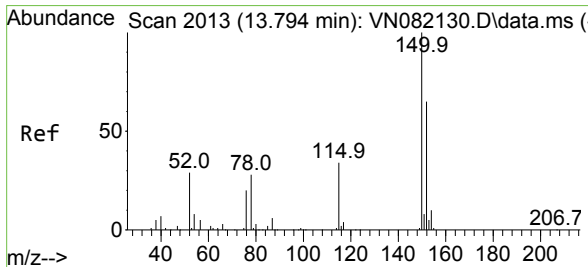
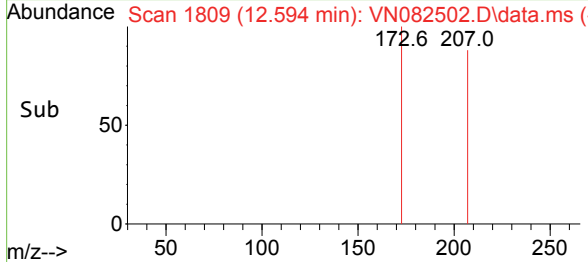
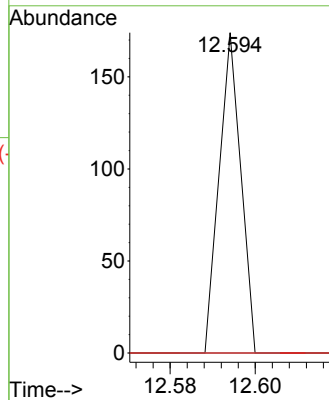
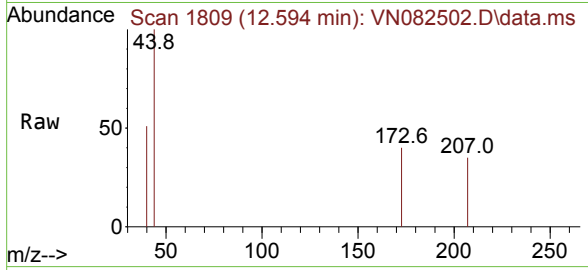




#71
Bromoform
Concen: 0.739 ug/l
RT: 12.594 min Scan# 1809
Delta R.T. 0.018 min
Lab File: VN082502.D
Acq: 07 Jun 2024 19:04

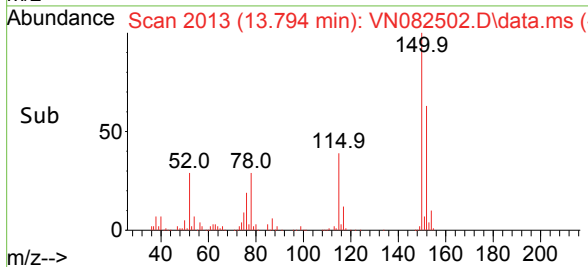
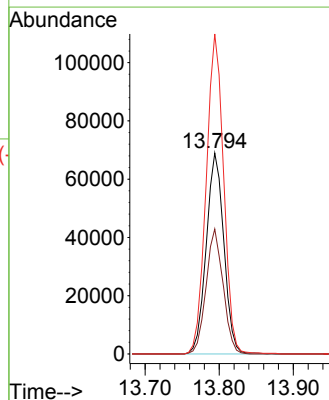
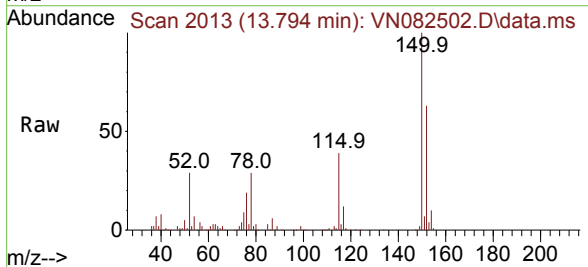
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-60-62

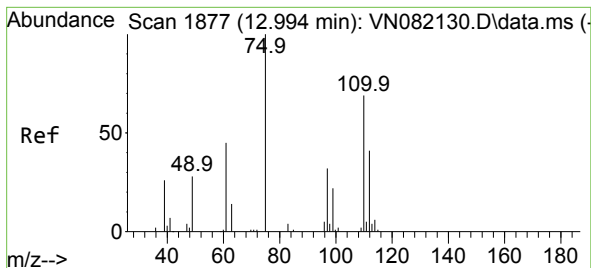
Tgt Ion:173 Resp: 61
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082502.D
Acq: 07 Jun 2024 19:04

Tgt Ion:152 Resp: 114005
Ion Ratio Lower Upper
152 100
115 60.1 30.4 91.3
150 157.8 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 27.313 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082502.D

Acq: 07 Jun 2024 19:04

Instrument :

MSVOA_N

ClientSampleId :

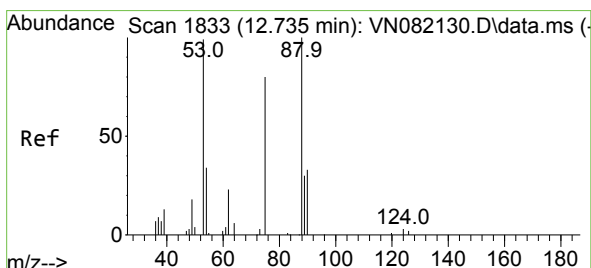
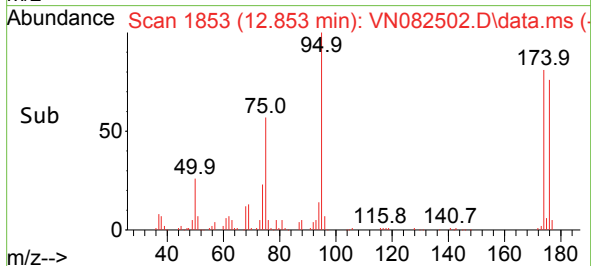
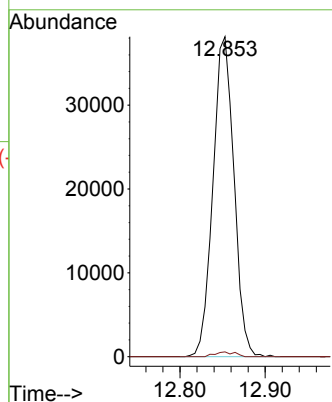
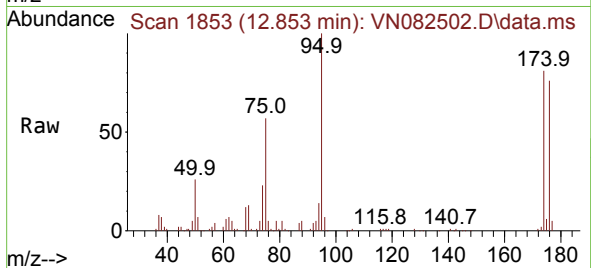
BP-VPB-196-GW-60-62

Tgt Ion: 75 Resp: 65539

Ion Ratio Lower Upper

75 100

77 1.4 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.885 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.118 min

Lab File: VN082502.D

Acq: 07 Jun 2024 19:04

Tgt Ion: 75 Resp: 65539

Ion Ratio Lower Upper

75 100

53 0.1 72.9 109.3#

89 0.0 39.1 58.7#

