

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072424\
 Data File : VN083027.D
 Acq On : 24 Jul 2024 14:29
 Operator : JC\MD
 Sample : P3338-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-EB-20240718

Quant Time: Jul 25 02:38:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

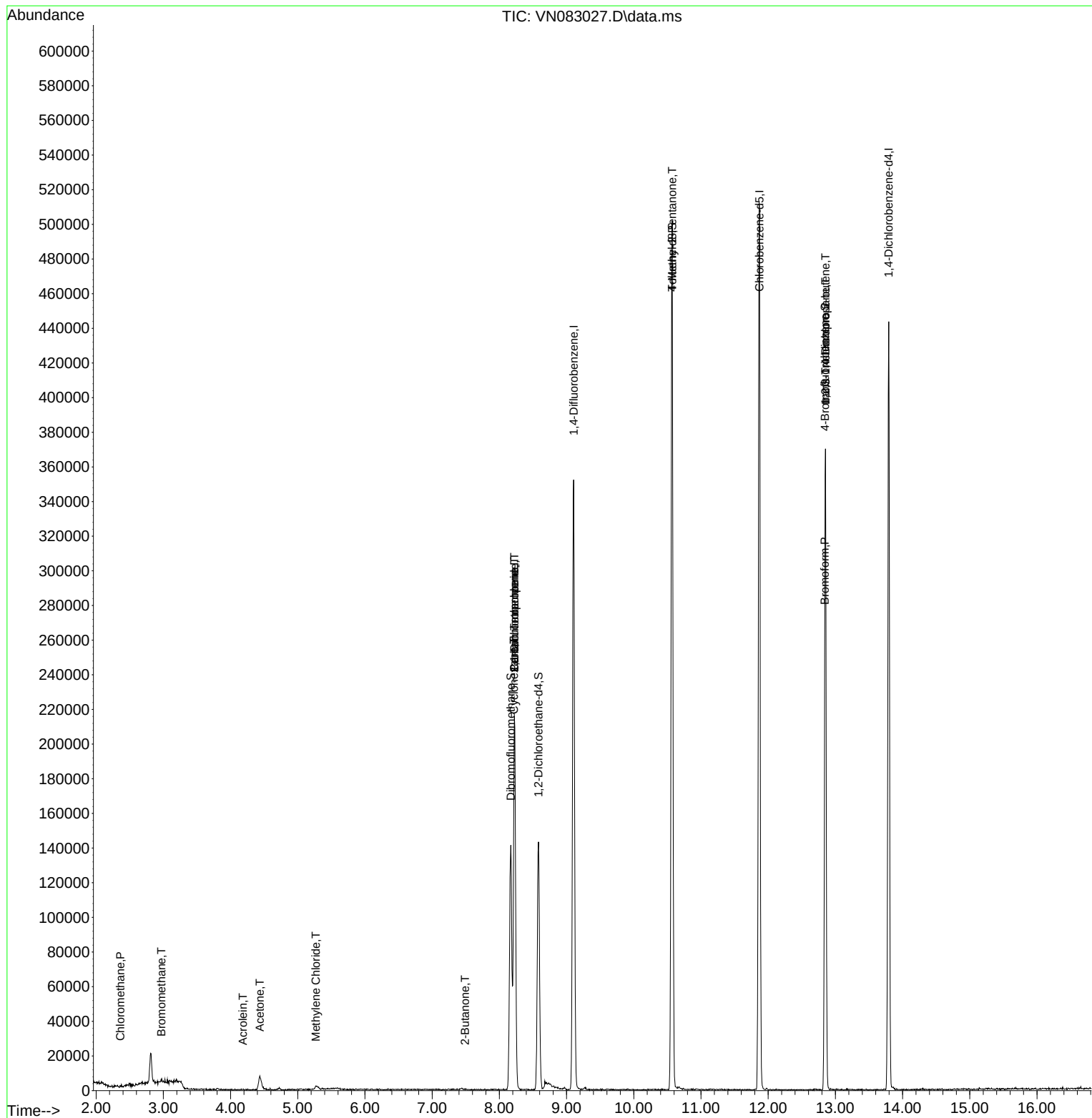
Internal Standards						
1) Pentafluorobenzene	8.224	168	152186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	294803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	290676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	120869	56.657	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.320%			
35) Dibromofluoromethane	8.171	113	101241	53.519	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.040%			
50) Toluene-d8	10.570	98	340196	48.691	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.380%			
62) 4-Bromofluorobenzene	12.847	95	113162	45.089	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 90.180%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	678	0.363	ug/l #	72
5) Bromomethane	2.971	94	622	0.440	ug/l #	28
13) Acrolein	4.183	56	143	0.552	ug/l #	14
16) Acetone	4.436	43	14853	19.775	ug/l #	88
20) Methylene Chloride	5.271	84	1771	0.976	ug/l #	49
25) 2-Butanone	7.488	43	325	0.287	ug/l #	53
31) Cyclohexane	8.218	56	4273	1.532	ug/l #	25
36) 1,1-Dichloropropene	8.224	75	13385	5.132	ug/l #	50
38) Carbon Tetrachloride	8.224	117	16404	5.224	ug/l #	18
43) Isopropyl Acetate	8.676	43	1554	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.570	43	1903	0.723	ug/l #	1
71) Bromoform	12.841	173	1169	0.671	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	65445	32.531	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	65445	63.979	ug/l #	6

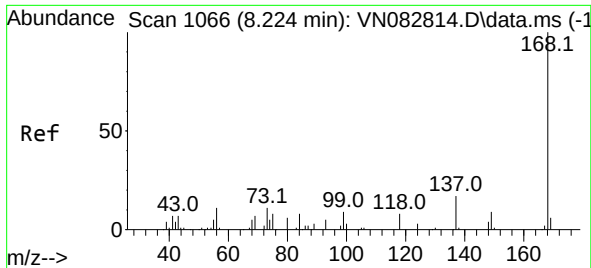
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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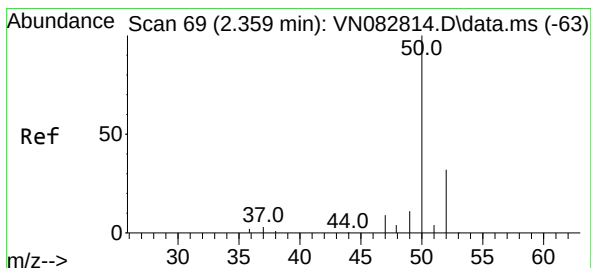
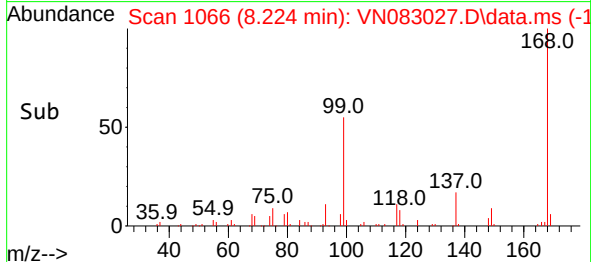
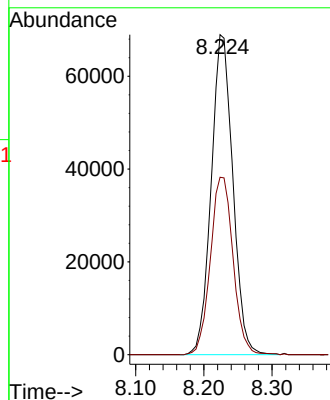
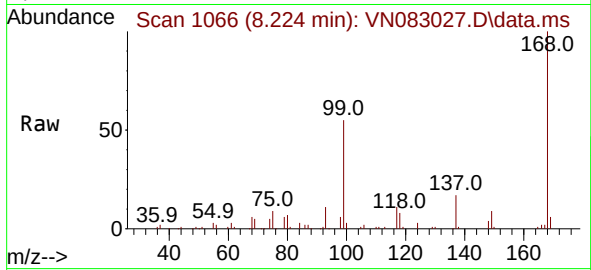




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083027.D
Acq: 24 Jul 2024 14:29

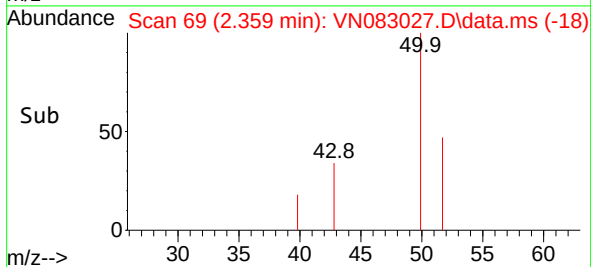
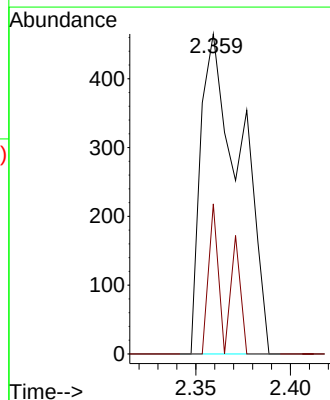
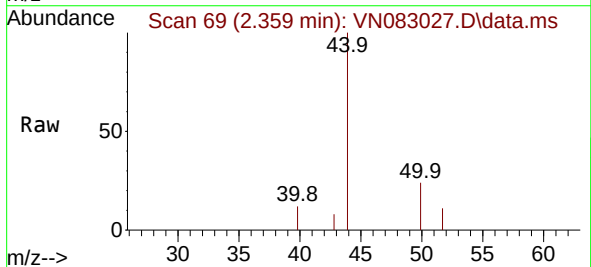
Instrument : MSVOA_N
ClientSampleId : BP-VPB-196-EB-20240718

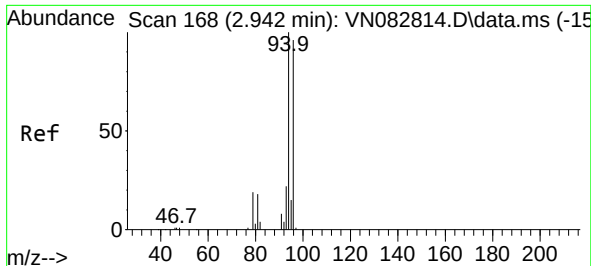
Tgt Ion:168 Resp: 152186
Ion Ratio Lower Upper
168 100
99 55.5 48.2 72.4



#3
Chloromethane
Concen: 0.363 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083027.D
Acq: 24 Jul 2024 14:29

Tgt Ion: 50 Resp: 678
Ion Ratio Lower Upper
50 100
52 46.9 25.0 37.4#

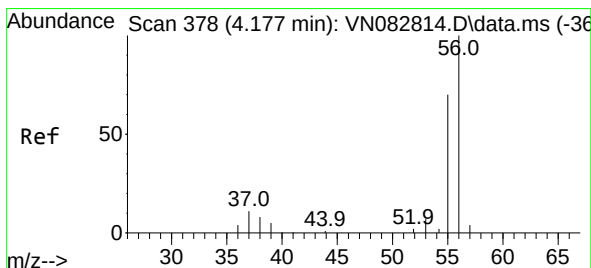
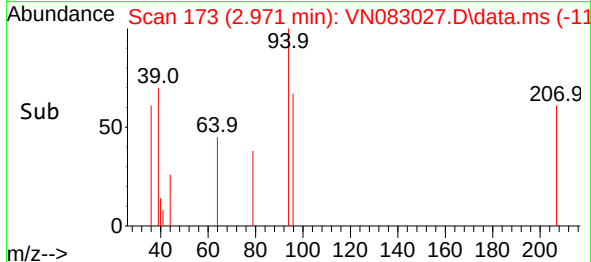
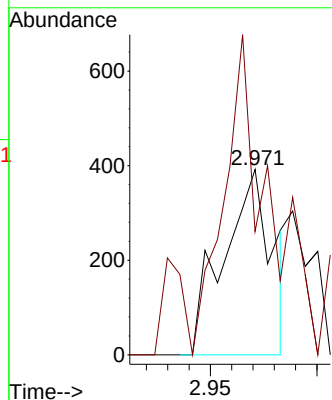
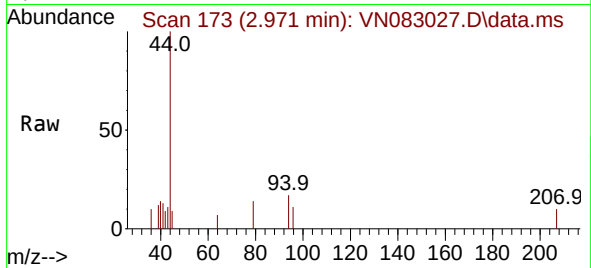




#5
Bromomethane
Concen: 0.440 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN083027.D
Acq: 24 Jul 2024 14:29

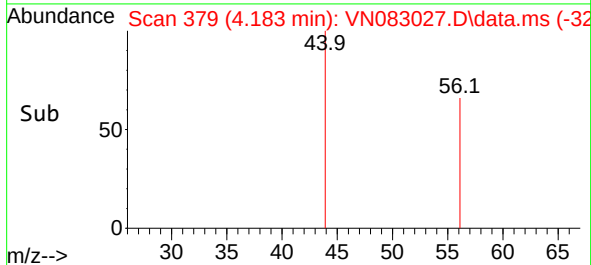
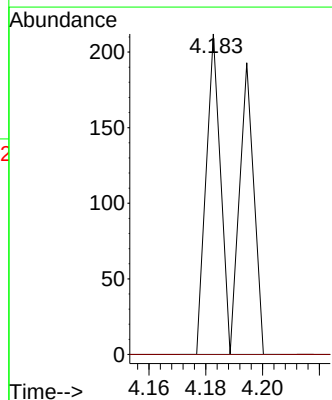
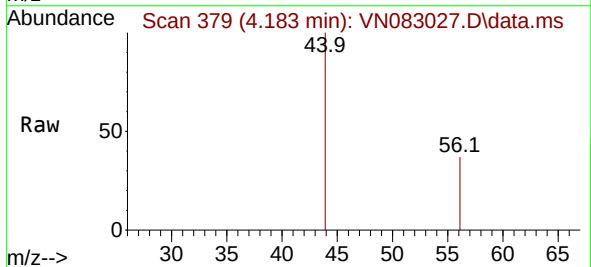
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-EB-20240718

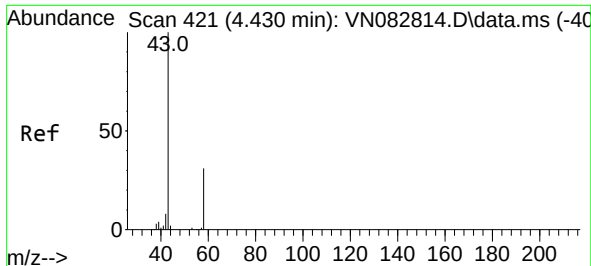
Tgt Ion: 94 Resp: 622
Ion Ratio Lower Upper
94 100
96 26.5 78.0 117.0#



#13
Acrolein
Concen: 0.552 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN083027.D
Acq: 24 Jul 2024 14:29

Tgt Ion: 56 Resp: 143
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#





#16

Acetone

Concen: 19.775 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN083027.D

Acq: 24 Jul 2024 14:29

Instrument :

MSVOA_N

ClientSampleId :

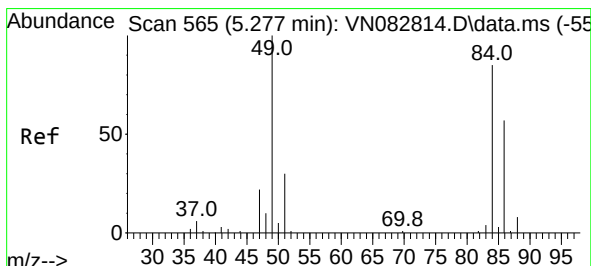
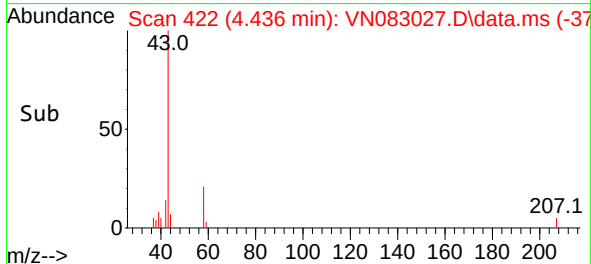
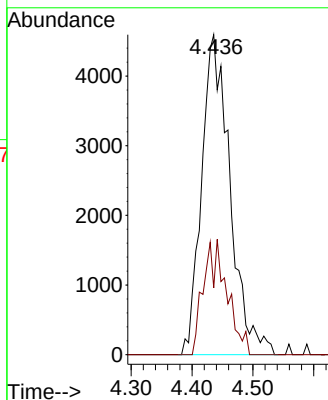
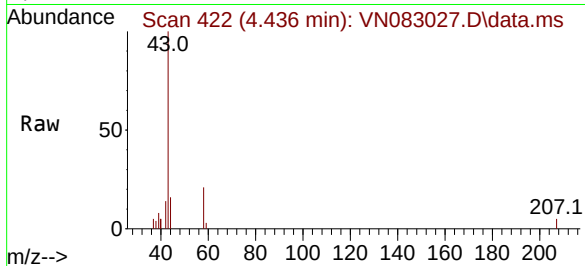
BP-VPB-196-EB-20240718

Tgt Ion: 43 Resp: 14853

Ion Ratio Lower Upper

43 100

58 20.8 21.8 32.6#



#20

Methylene Chloride

Concen: 0.976 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN083027.D

Acq: 24 Jul 2024 14:29

Tgt Ion: 84 Resp: 1771

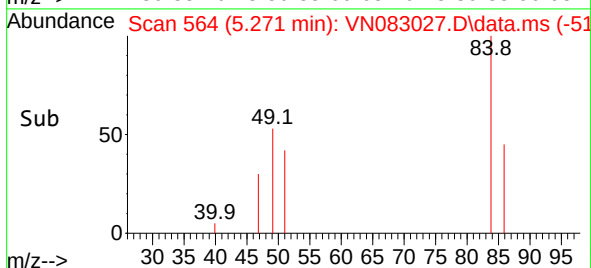
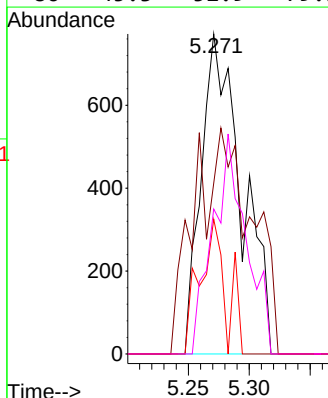
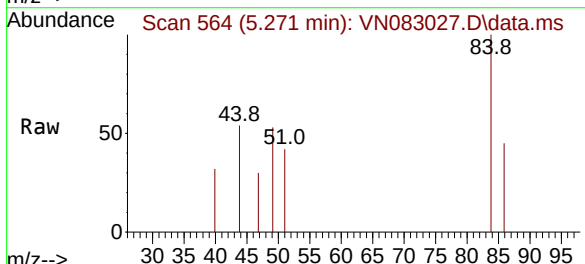
Ion Ratio Lower Upper

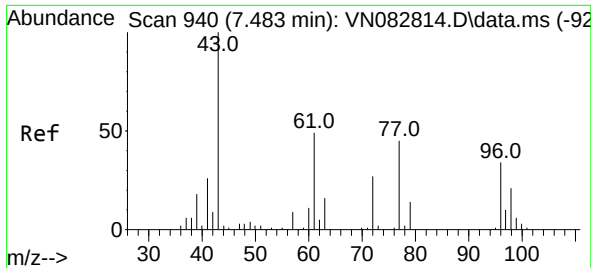
84 100

49 53.4 119.6 179.4#

51 42.1 34.8 52.2

86 45.3 52.9 79.3#

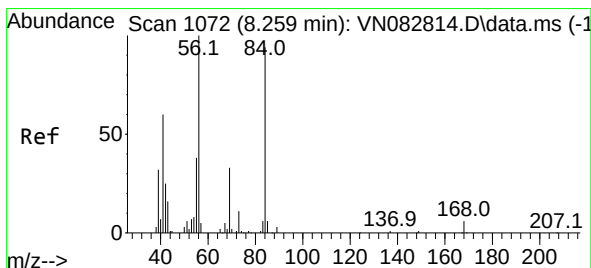
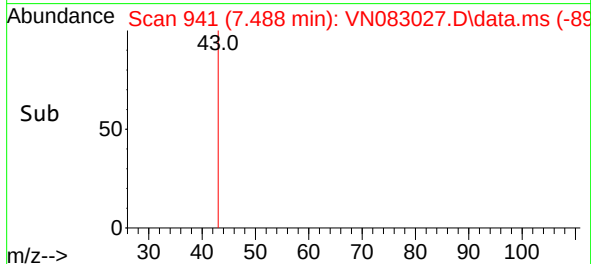
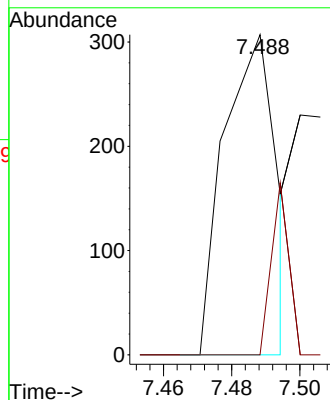
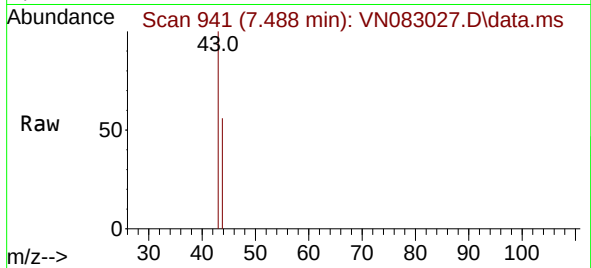




#25
2-Butanone
Concen: 0.287 ug/l
RT: 7.488 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083027.D
Acq: 24 Jul 2024 14:29

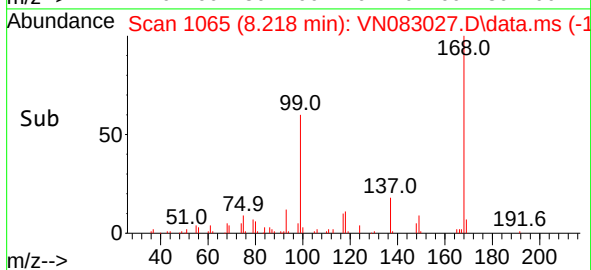
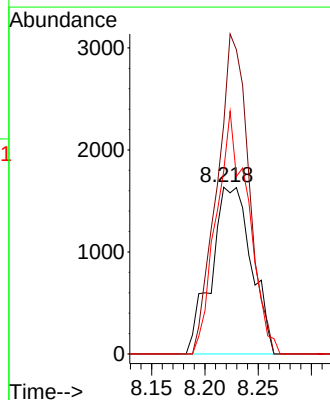
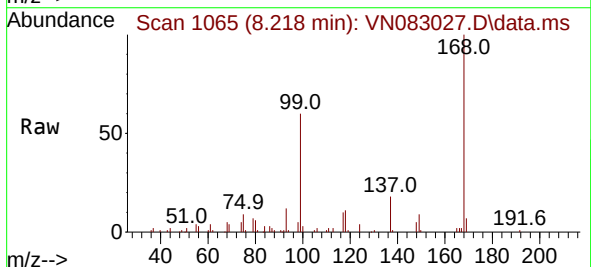
Instrument :
MSVOA_N
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BP-VPB-196-EB-20240718

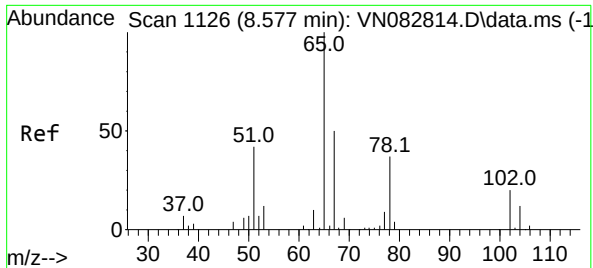
Tgt Ion: 43 Resp: 325
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



#31
Cyclohexane
Concen: 1.532 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083027.D
Acq: 24 Jul 2024 14:29

Tgt Ion: 56 Resp: 4273
Ion Ratio Lower Upper
56 100
69 137.7 24.5 36.7#
84 109.7 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 56.657 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083027.D

Acq: 24 Jul 2024 14:29

Instrument :

MSVOA_N

ClientSampleId :

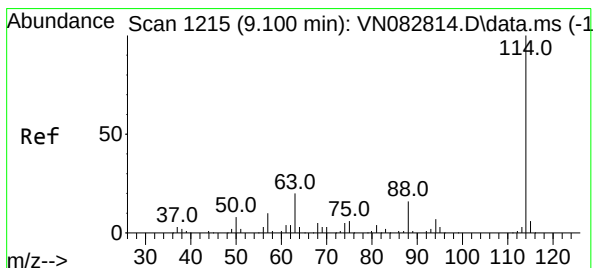
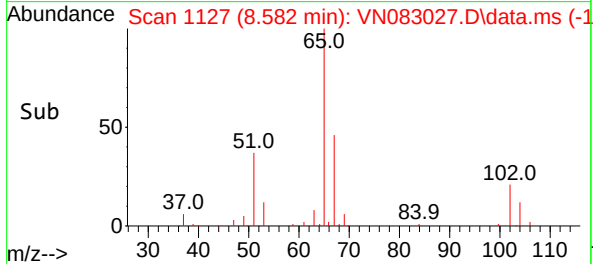
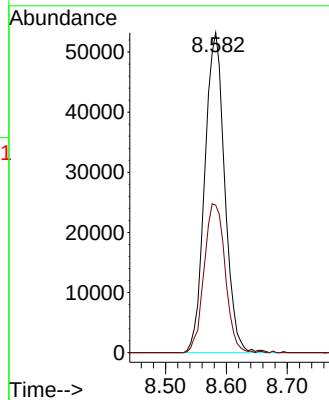
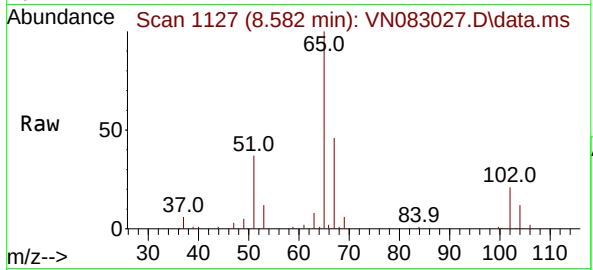
BP-VPB-196-EB-20240718

Tgt Ion: 65 Resp: 120869

Ion Ratio Lower Upper

65 100

67 49.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN083027.D

Acq: 24 Jul 2024 14:29

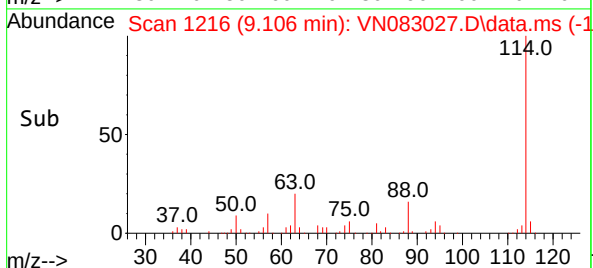
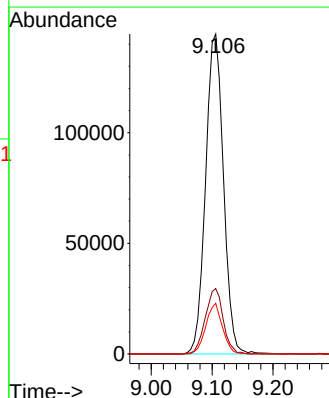
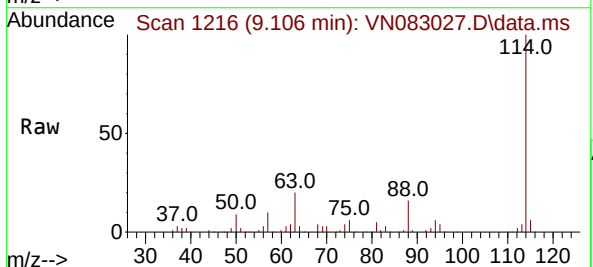
Tgt Ion: 114 Resp: 294803

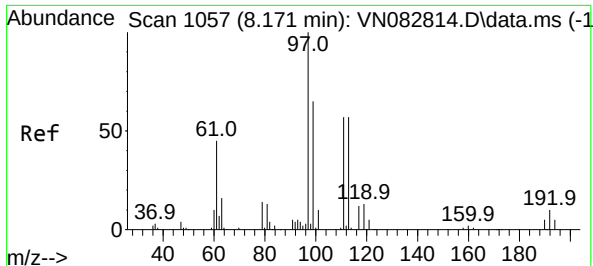
Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.6

88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.519 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083027.D

Acq: 24 Jul 2024 14:29

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-EB-20240718

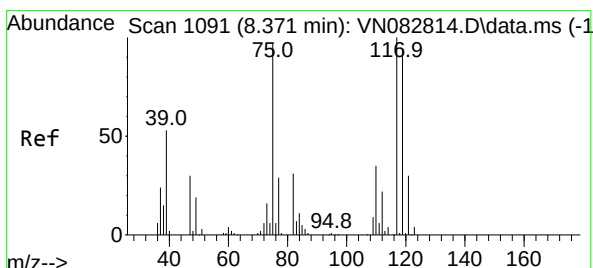
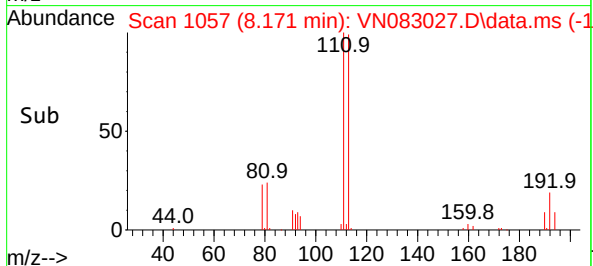
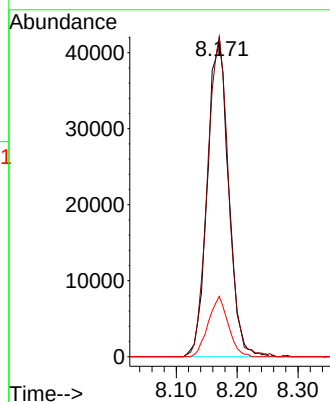
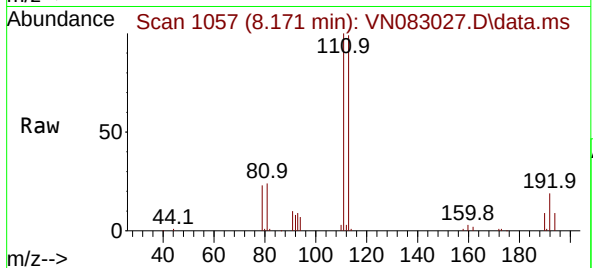
Tgt Ion:113 Resp: 101241

Ion Ratio Lower Upper

113 100

111 100.5 82.4 123.6

192 17.8 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.132 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083027.D

Acq: 24 Jul 2024 14:29

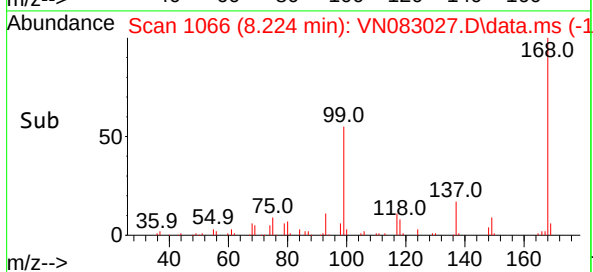
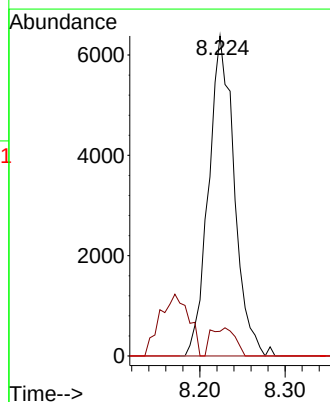
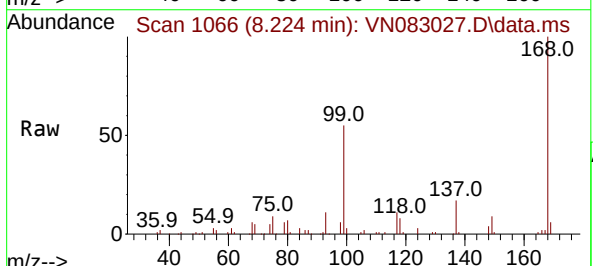
Tgt Ion: 75 Resp: 13385

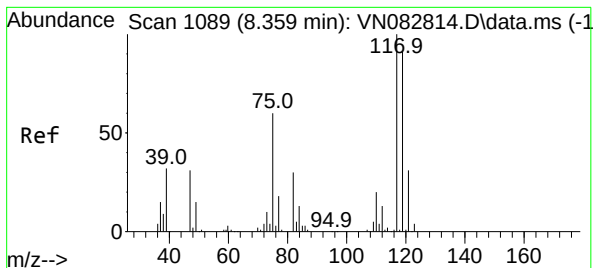
Ion Ratio Lower Upper

75 100

110 8.3 16.3 48.9#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.224 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN083027.D

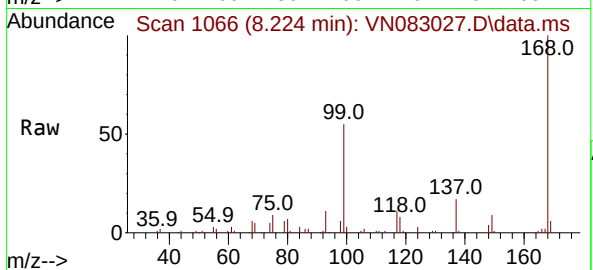
Acq: 24 Jul 2024 14:29

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BP-VPB-196-EB-20240718



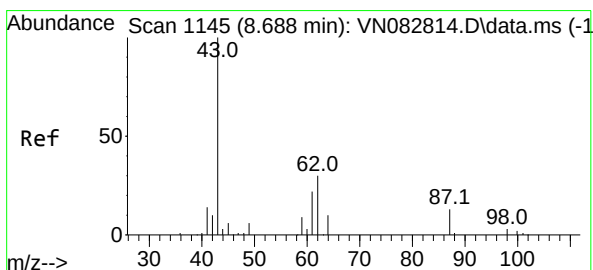
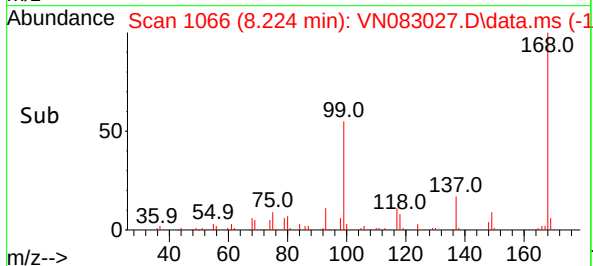
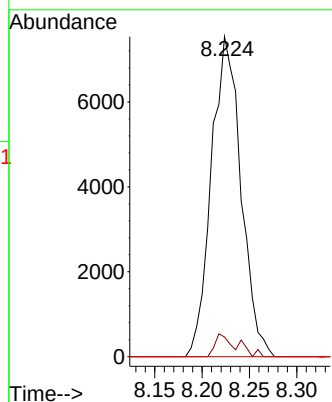
Tgt Ion:117 Resp: 16404

Ion Ratio Lower Upper

117 100

119 6.2 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.676 min Scan# 1143

Delta R.T. -0.018 min

Lab File: VN083027.D

Acq: 24 Jul 2024 14:29

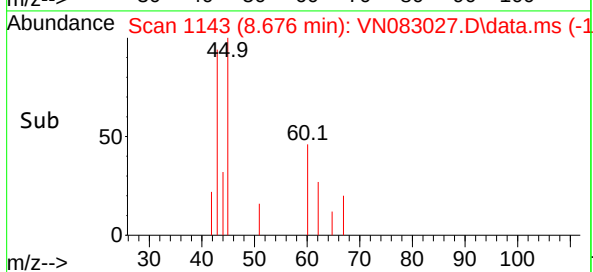
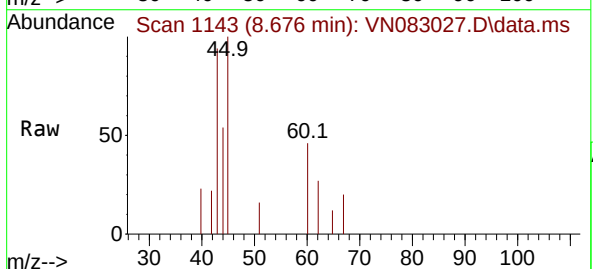
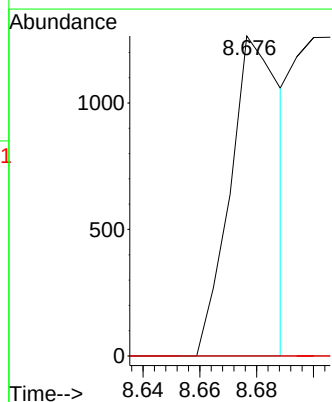
Tgt Ion: 43 Resp: 1554

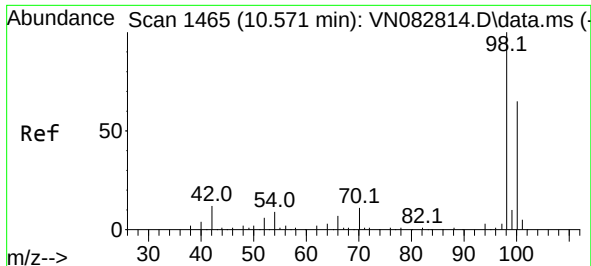
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

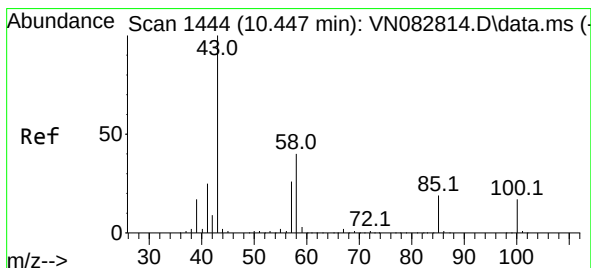
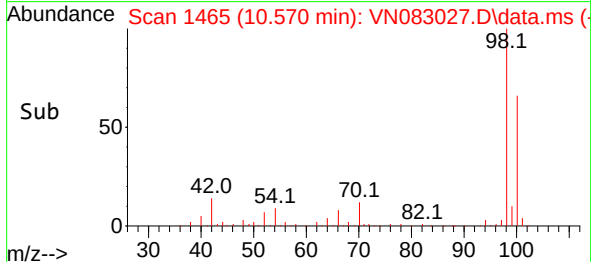
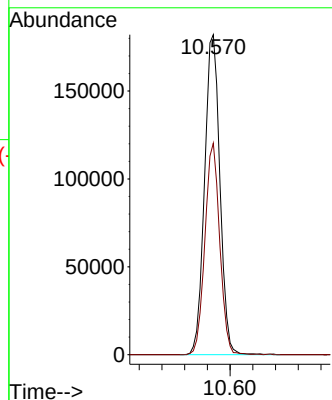
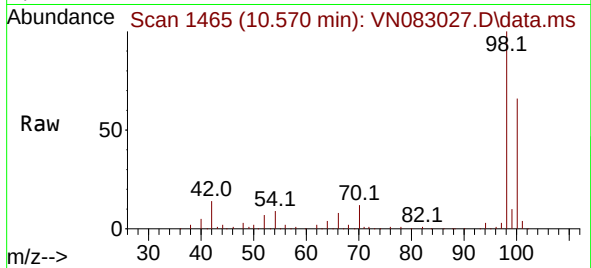




#50
Toluene-d8
Concen: 48.691 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN083027.D
Acq: 24 Jul 2024 14:29

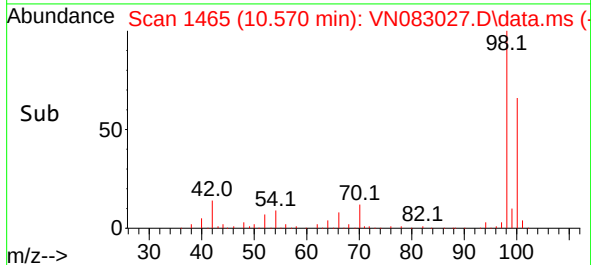
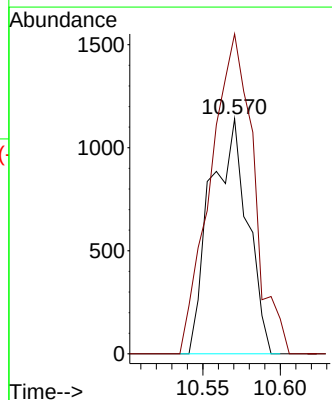
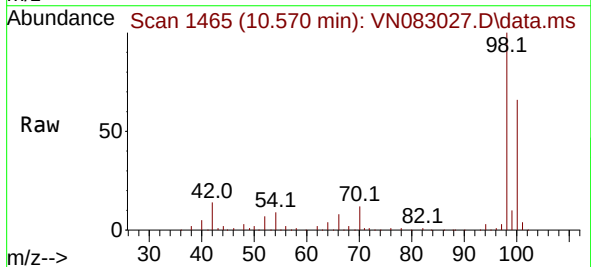
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-EB-20240718

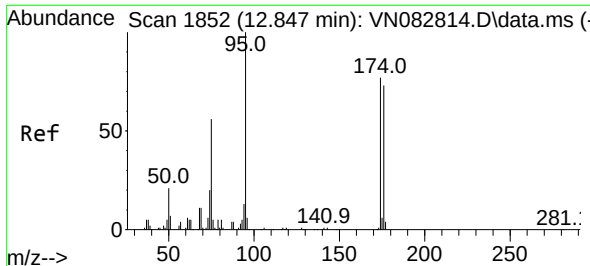
Tgt Ion: 98 Resp: 340196
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.723 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN083027.D
Acq: 24 Jul 2024 14:29

Tgt Ion: 43 Resp: 1903
Ion Ratio Lower Upper
43 100
58 157.7 28.2 42.4#

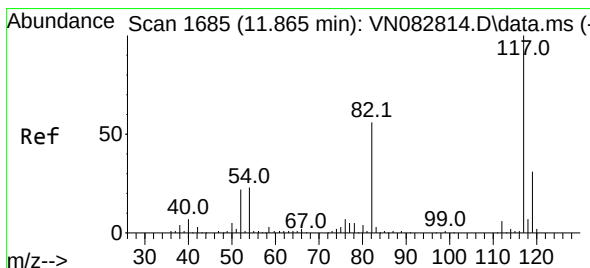
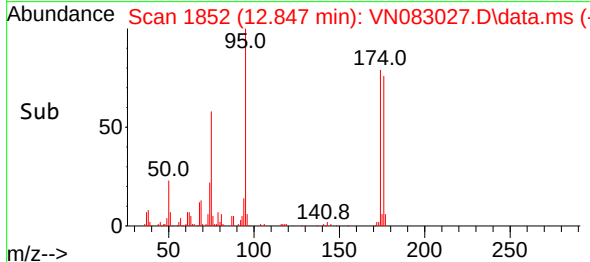
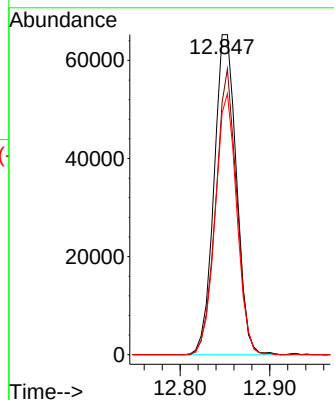
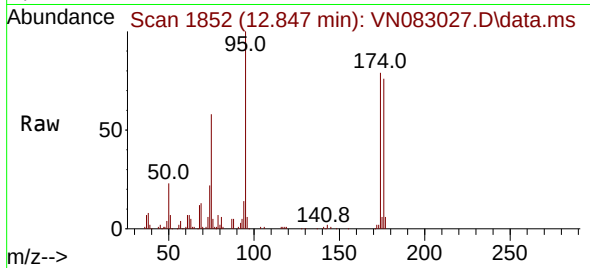




#62
4-Bromofluorobenzene
Concen: 45.089 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083027.D
Acq: 24 Jul 2024 14:29

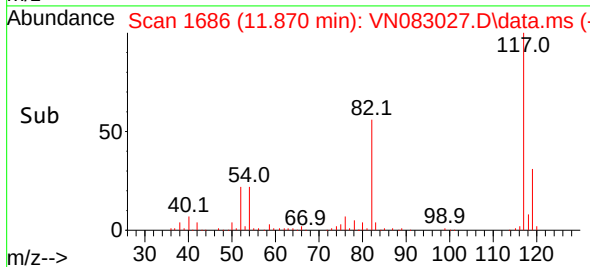
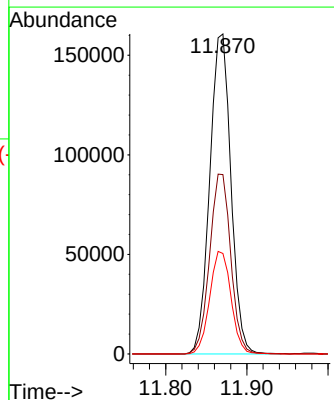
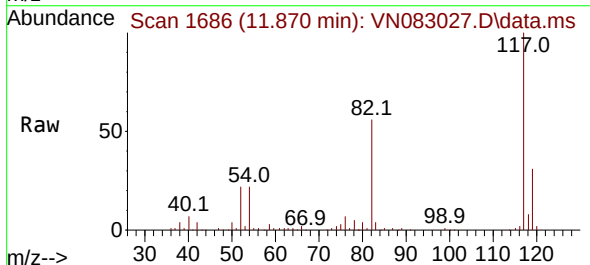
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-EB-20240718

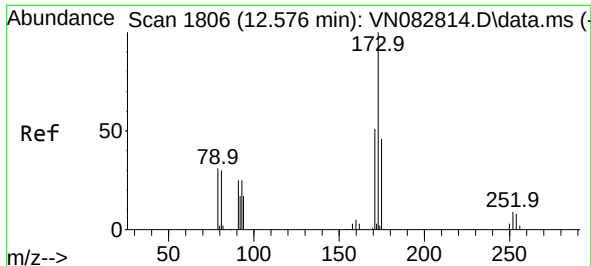
Tgt Ion: 95 Resp: 113162
Ion Ratio Lower Upper
95 100
174 84.0 0.0 159.2
176 78.7 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN083027.D
Acq: 24 Jul 2024 14:29

Tgt Ion: 117 Resp: 290676
Ion Ratio Lower Upper
117 100
82 56.0 47.5 71.3
119 31.4 25.6 38.4

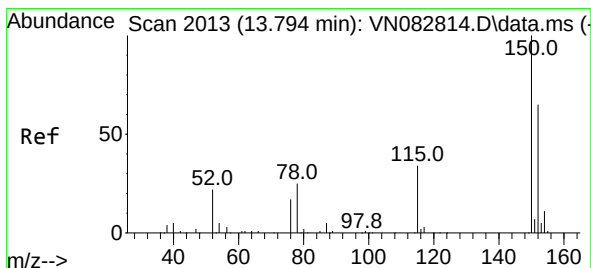
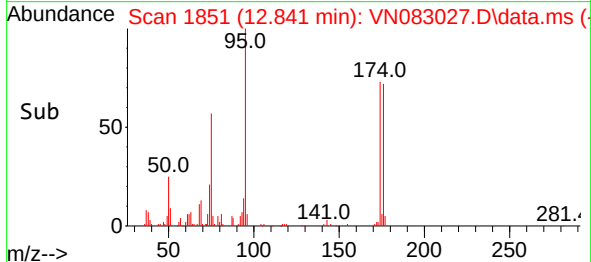
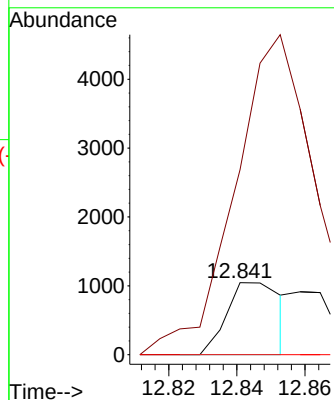
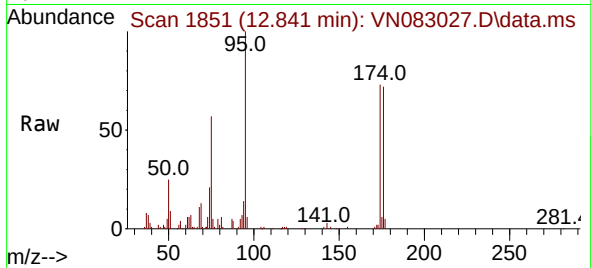




#71
Bromoform
Concen: 0.671 ug/l
RT: 12.841 min Scan# 11
Delta R.T. 0.259 min
Lab File: VN083027.D
Acq: 24 Jul 2024 14:29

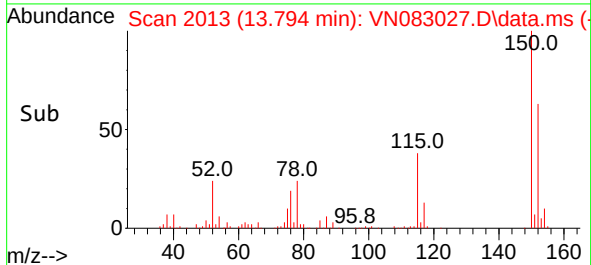
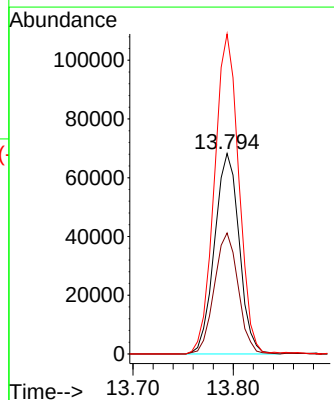
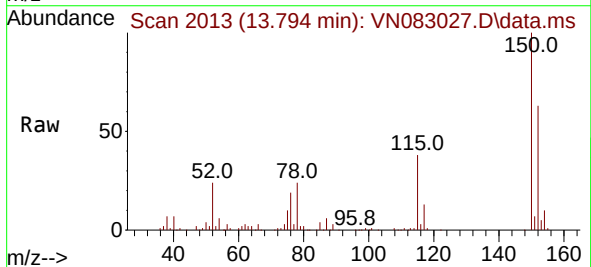
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-EB-20240718

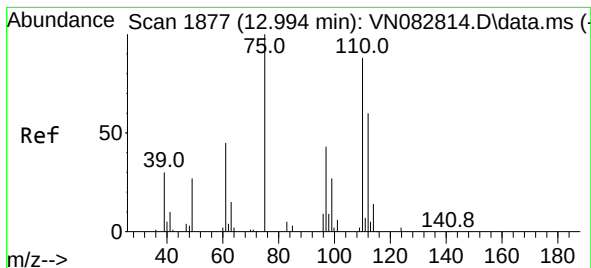
Tgt Ion:173 Resp: 1169
Ion Ratio Lower Upper
173 100
175 534.5 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083027.D
Acq: 24 Jul 2024 14:29

Tgt Ion:152 Resp: 116689
Ion Ratio Lower Upper
152 100
115 58.4 30.6 91.6
150 158.2 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 32.531 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN083027.D

Acq: 24 Jul 2024 14:29

Instrument :

MSVOA_N

ClientSampleId :

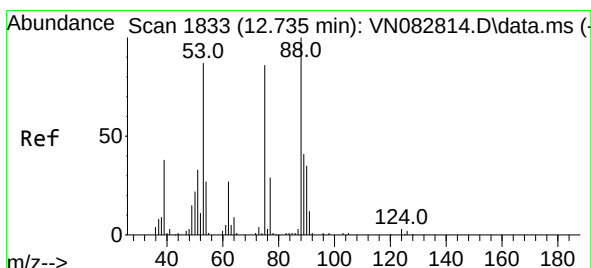
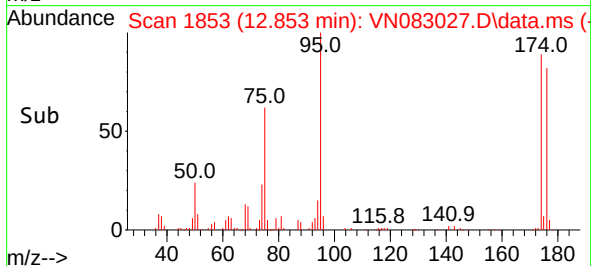
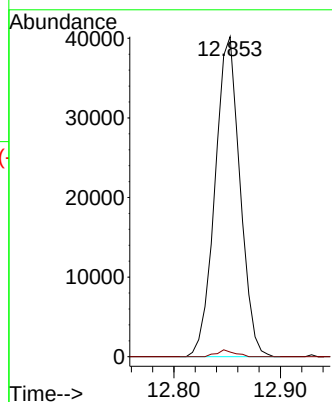
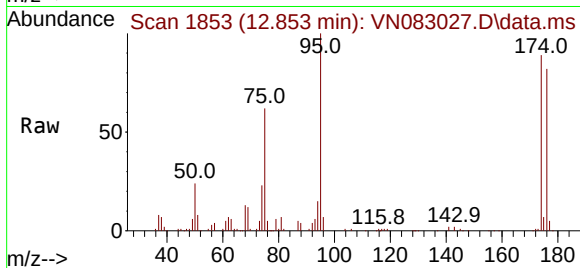
BP-VPB-196-EB-20240718

Tgt Ion: 75 Resp: 65445

Ion Ratio Lower Upper

75 100

77 1.5 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.979 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN083027.D

Acq: 24 Jul 2024 14:29

Tgt Ion: 75 Resp: 65445

Ion Ratio Lower Upper

75 100

53 0.1 88.4 132.6#

89 0.0 36.3 54.5#

