

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082897.D
 Acq On : 12 Jul 2024 14:16
 Operator : JC\MD
 Sample : P3229-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-EB-20240710

Quant Time: Jul 15 01:11:40 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)

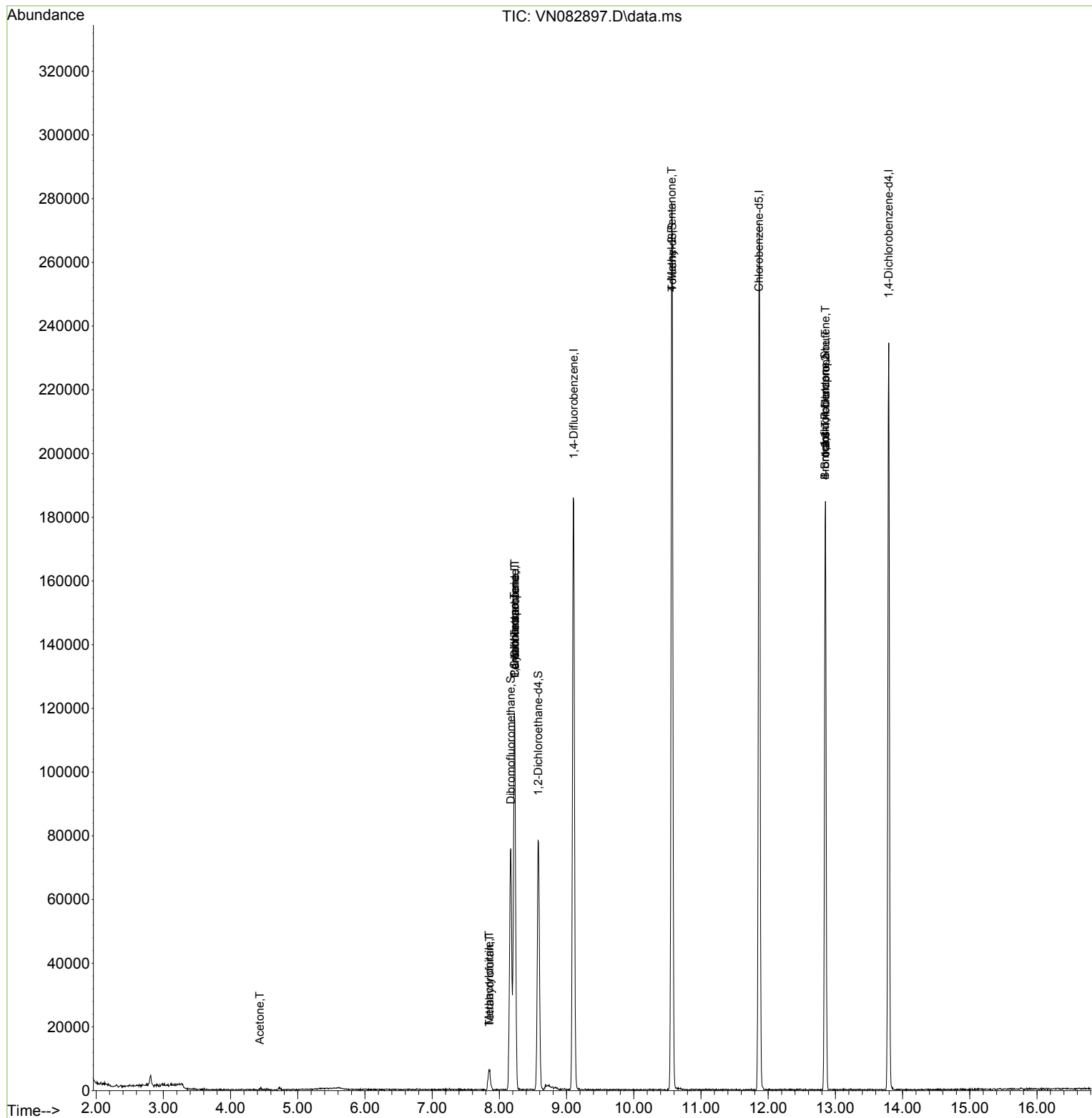
Internal Standards						
1) Pentafluorobenzene	8.230	168	82299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	161360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	156843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	59962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	65579	56.844	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.680%	
35) Dibromofluoromethane	8.171	113	53856	52.014	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.020%	
50) Toluene-d8	10.571	98	191469	50.067	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.140%	
62) 4-Bromofluorobenzene	12.847	95	60100	43.750	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 87.500%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	410	1.009	ug/l #	48
29) Tetrahydrofuran	7.853	42	4670	12.095	ug/l #	69
31) Cyclohexane	8.224	56	2088	1.384	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	7424	5.200	ug/l #	51
38) Carbon Tetrachloride	8.230	117	9363	5.447	ug/l #	17
41) Methacrylonitrile	7.847	41	3035	3.876	ug/l #	54
43) Isopropyl Acetate	8.682	43	688	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	803	0.557	ug/l #	1
71) Bromoform	12.847	173	398	0.423	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	32881	31.807	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	32881	62.554	ug/l #	6

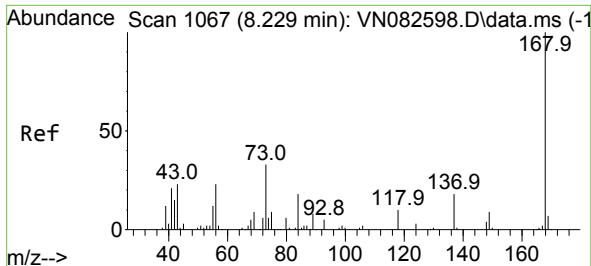
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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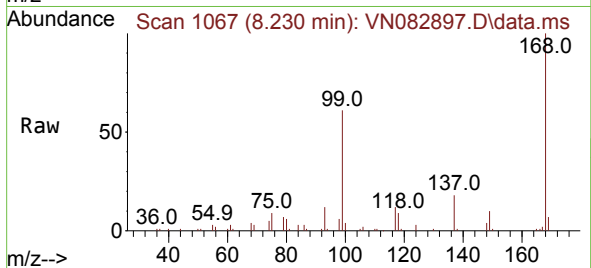
Quant Time: Jul 15 01:11:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



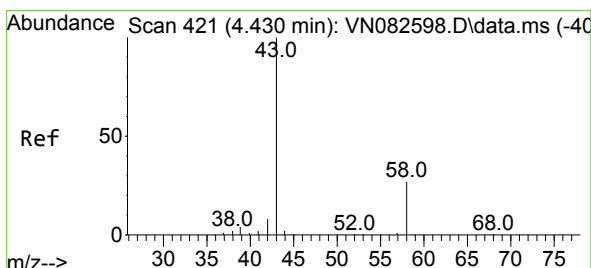
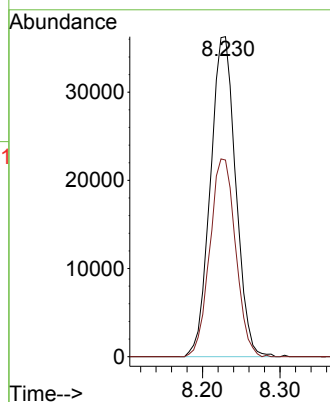
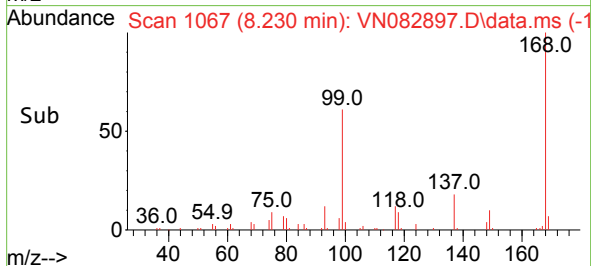


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082897.D
Acq: 12 Jul 2024 14:16

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-EB-20240710

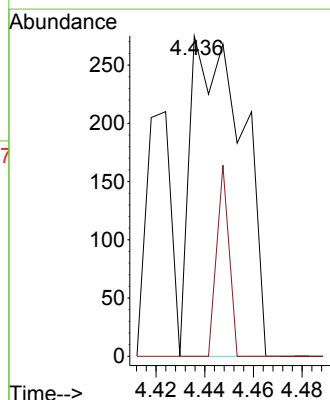
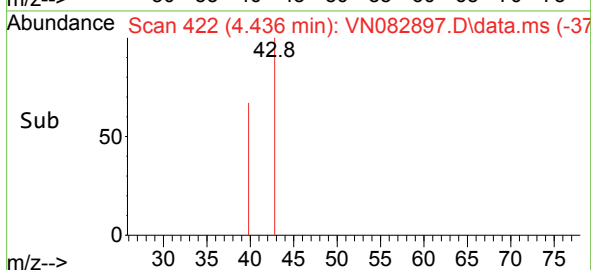
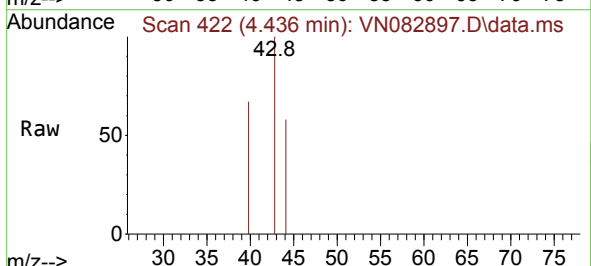


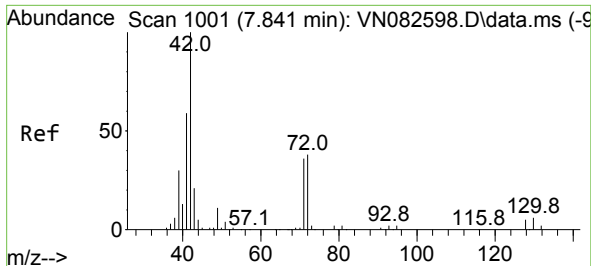
Tgt Ion:168 Resp: 82299
Ion Ratio Lower Upper
168 100
99 61.5 48.2 72.4



#16
Acetone
Concen: 1.009 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082897.D
Acq: 12 Jul 2024 14:16

Tgt Ion: 43 Resp: 410
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#





#29

Tetrahydrofuran

Concen: 12.095 ug/l

RT: 7.853 min Scan# 1066

Delta R.T. 0.012 min

Lab File: VN082897.D

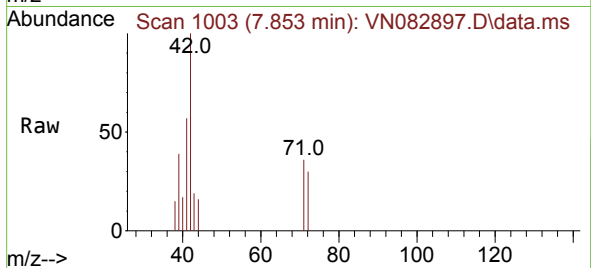
Acq: 12 Jul 2024 14:16

Instrument :

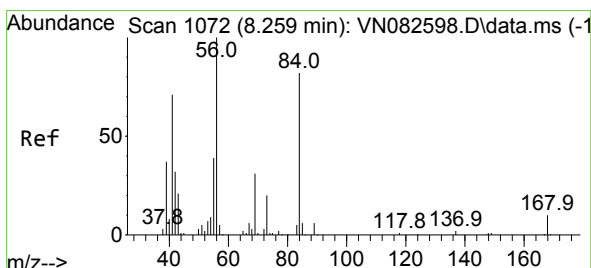
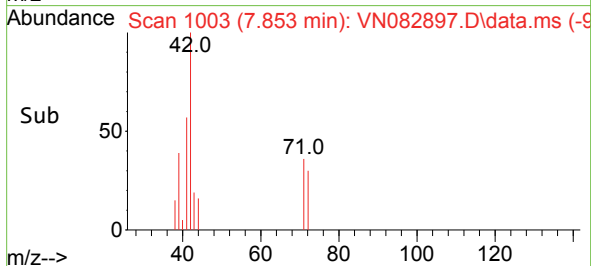
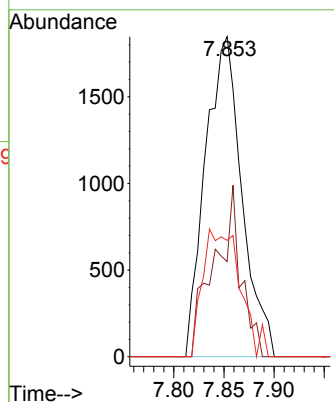
MSVOA_N

ClientSampleId :

BP-VPB-189-EB-20240710



Tgt Ion:	42	Resp:	4670
Ion	Ratio	Lower	Upper
42	100		
72	39.1	30.0	45.0
71	0.0	28.3	42.5#



#31

Cyclohexane

Concen: 1.384 ug/l

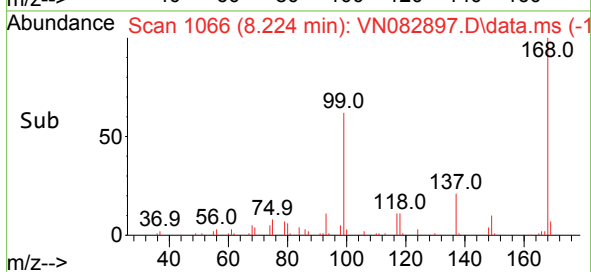
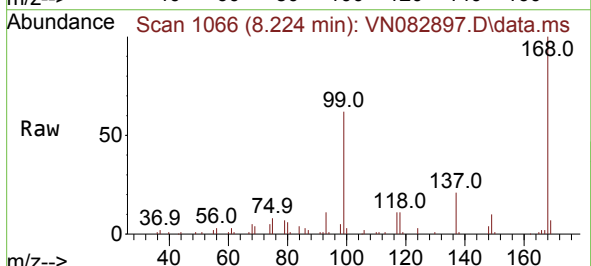
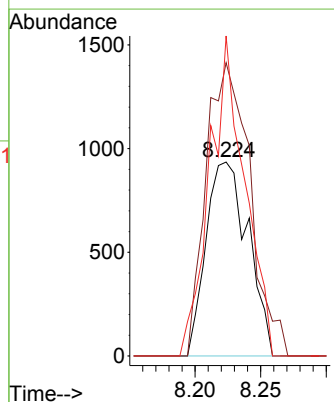
RT: 8.224 min Scan# 1066

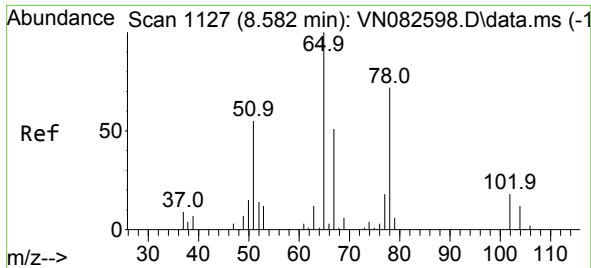
Delta R.T. -0.035 min

Lab File: VN082897.D

Acq: 12 Jul 2024 14:16

Tgt Ion:	56	Resp:	2088
Ion	Ratio	Lower	Upper
56	100		
69	151.2	24.5	36.7#
84	165.0	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 56.844 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN082897.D

Acq: 12 Jul 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

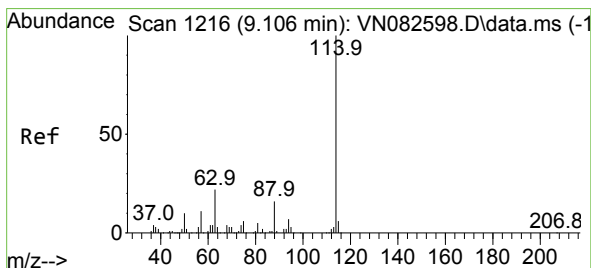
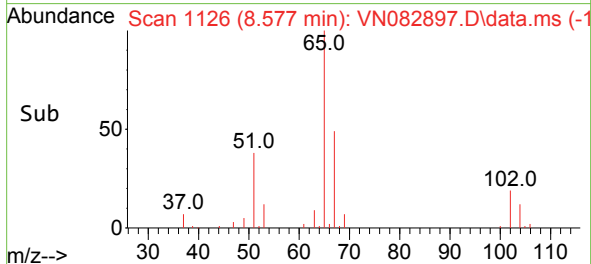
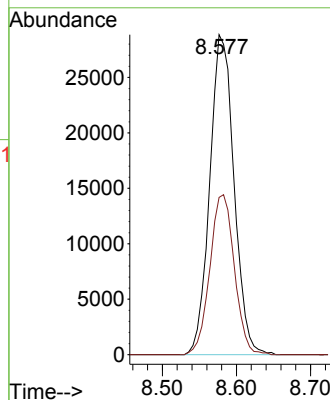
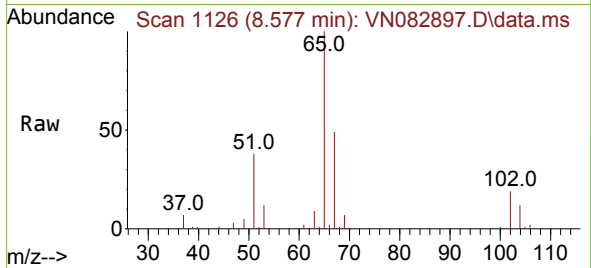
BP-VPB-189-EB-20240710

Tgt Ion: 65 Resp: 65579

Ion Ratio Lower Upper

65 100

67 50.5 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: VN082897.D

Acq: 12 Jul 2024 14:16

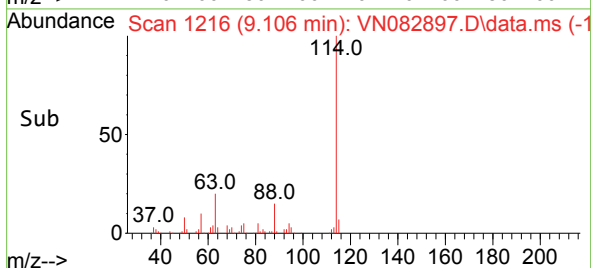
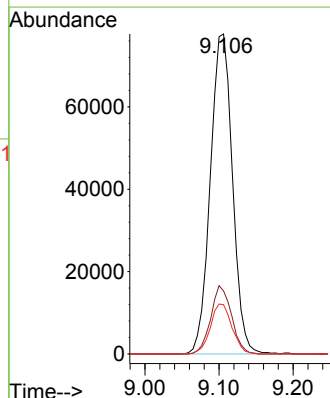
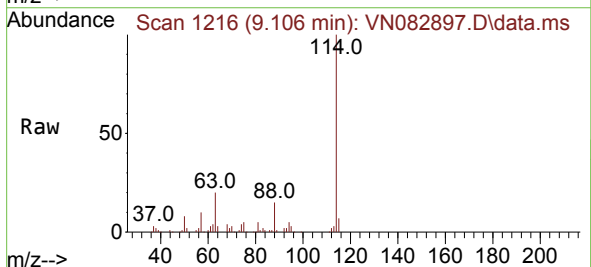
Tgt Ion: 114 Resp: 161360

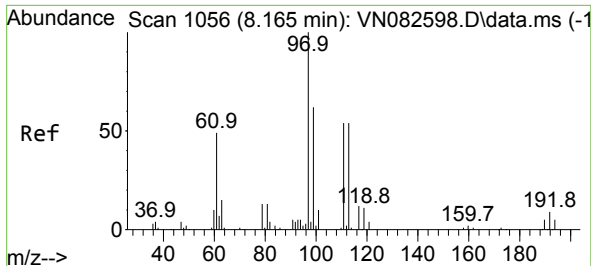
Ion Ratio Lower Upper

114 100

63 19.7 0.0 44.6

88 15.4 0.0 31.4

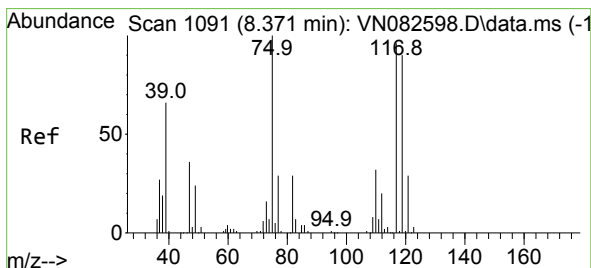
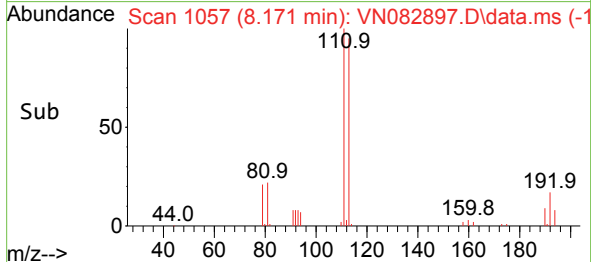
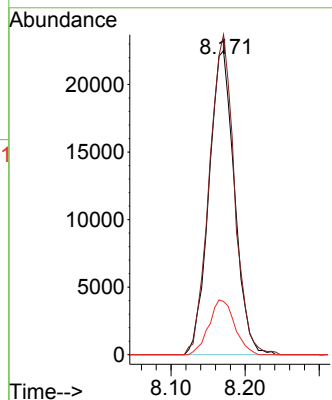
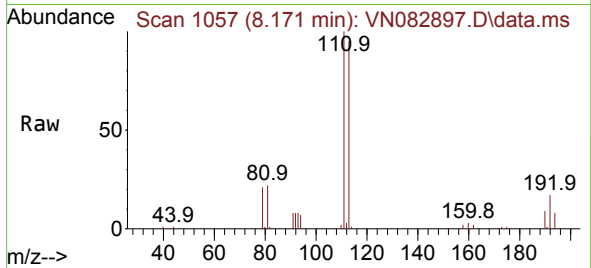




#35
Dibromofluoromethane
Concen: 52.014 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082897.D
Acq: 12 Jul 2024 14:16

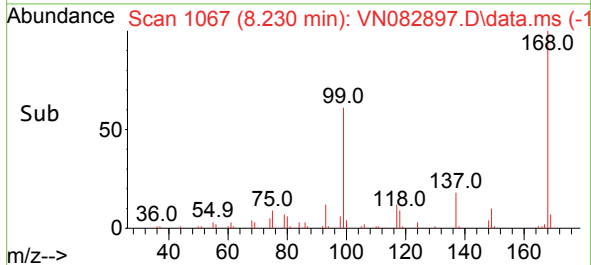
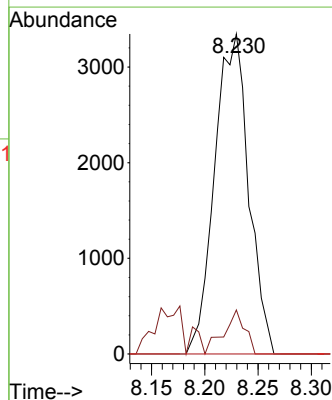
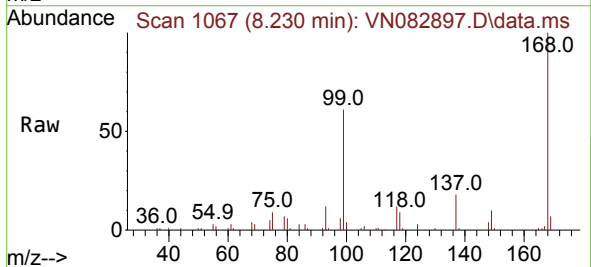
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-EB-20240710

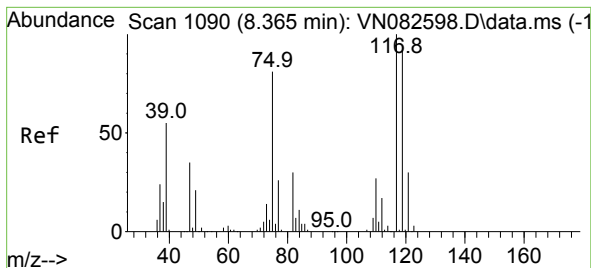
Tgt Ion:113 Resp: 53856
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 18.1 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.200 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082897.D
Acq: 12 Jul 2024 14:16

Tgt Ion: 75 Resp: 7424
Ion Ratio Lower Upper
75 100
110 8.6 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.447 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN082897.D

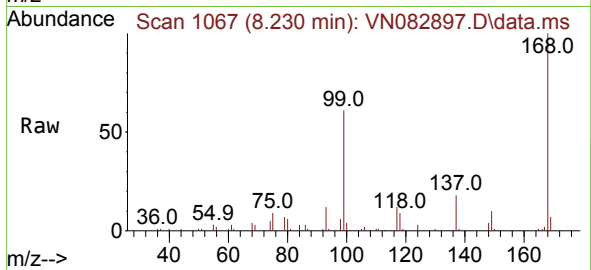
Acq: 12 Jul 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-EB-20240710



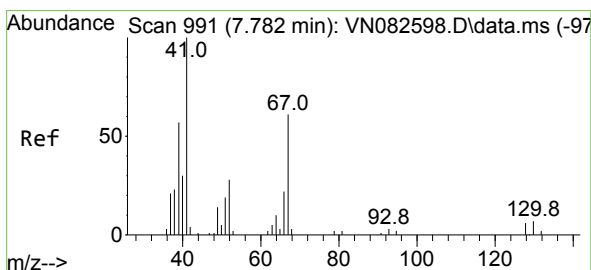
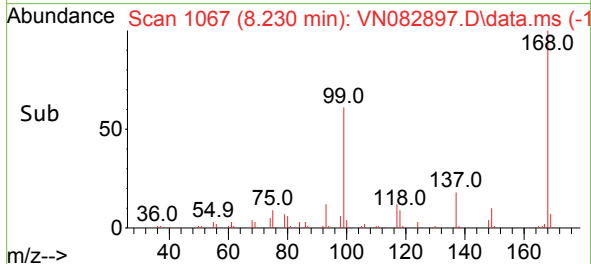
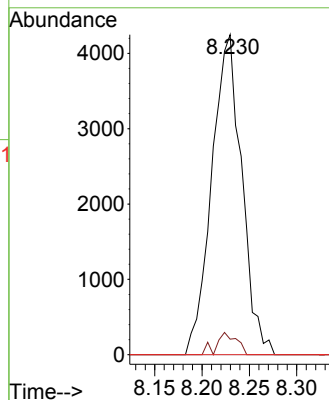
Tgt Ion:117 Resp: 9363

Ion Ratio Lower Upper

117 100

119 4.8 74.9 112.3#

121 0.0 24.3 36.5#



#41

Methacrylonitrile

Concen: 3.876 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.065 min

Lab File: VN082897.D

Acq: 12 Jul 2024 14:16

Tgt Ion: 41 Resp: 3035

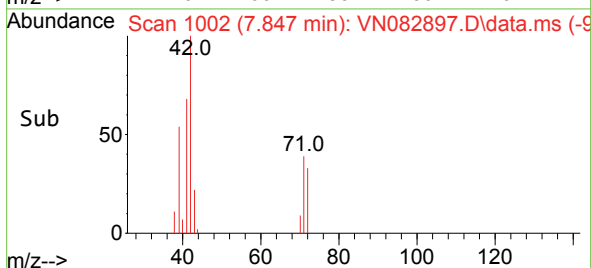
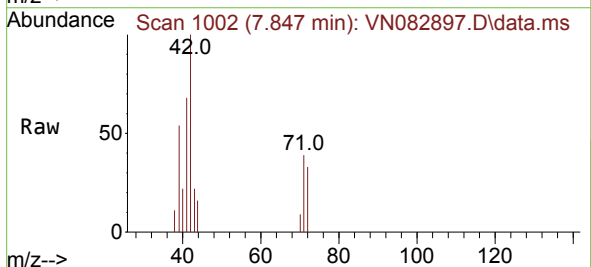
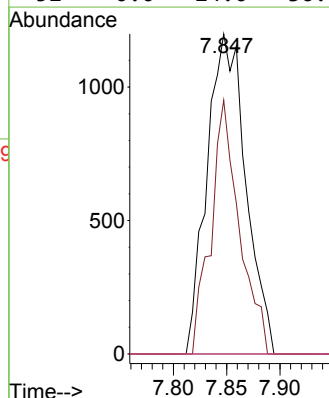
Ion Ratio Lower Upper

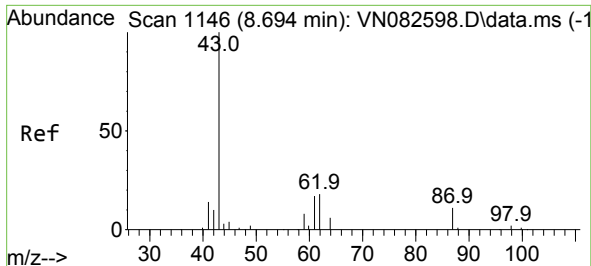
41 100

39 58.4 45.5 68.3

67 0.0 50.5 75.7#

52 0.0 24.0 36.0#

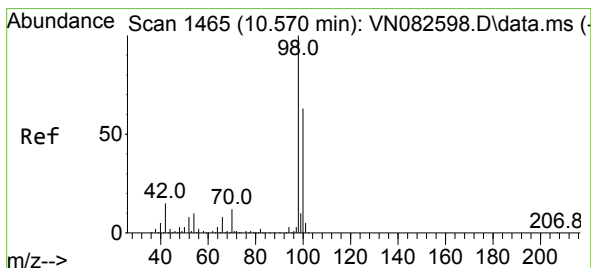
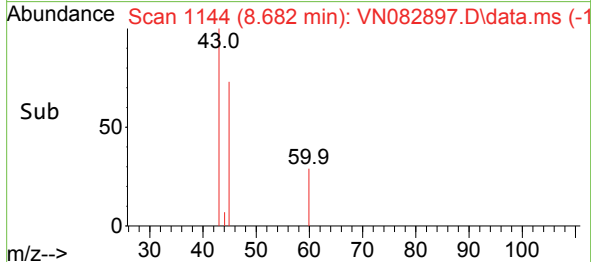
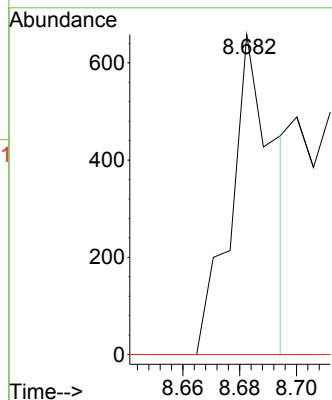
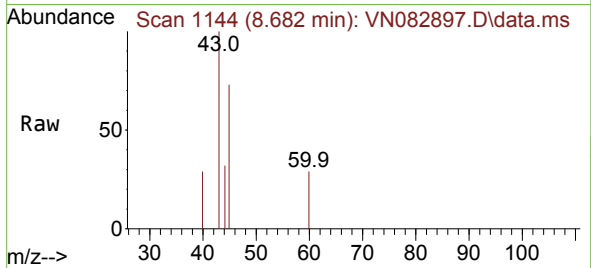




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.682 min Scan# 1144
Delta R.T. -0.012 min
Lab File: VN082897.D
Acq: 12 Jul 2024 14:16

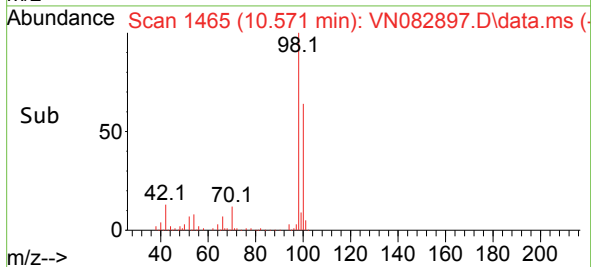
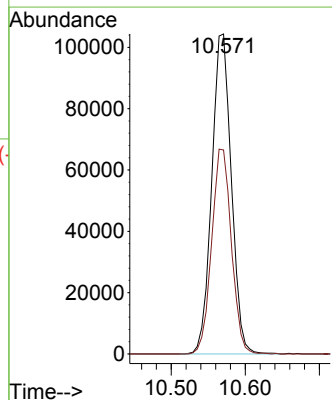
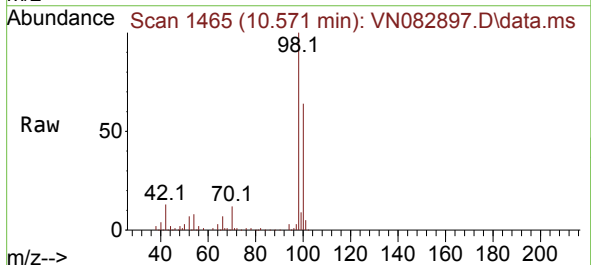
Instrument :
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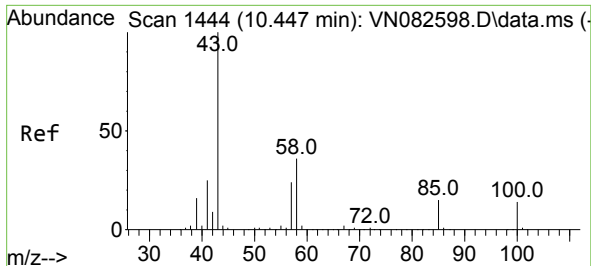
Tgt Ion: 43 Resp: 688
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 50.067 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082897.D
Acq: 12 Jul 2024 14:16

Tgt Ion: 98 Resp: 191469
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.557 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN082897.D

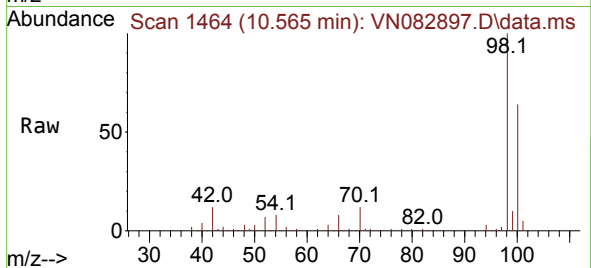
Acq: 12 Jul 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-EB-20240710

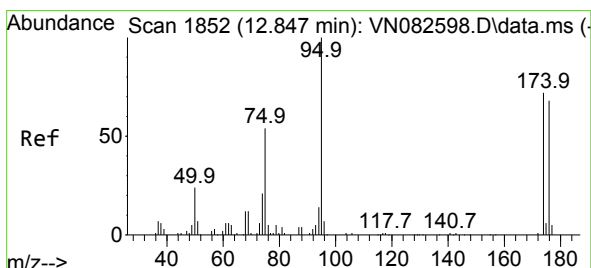
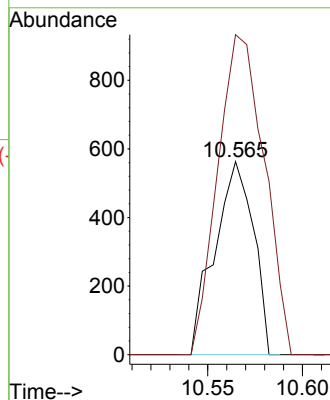
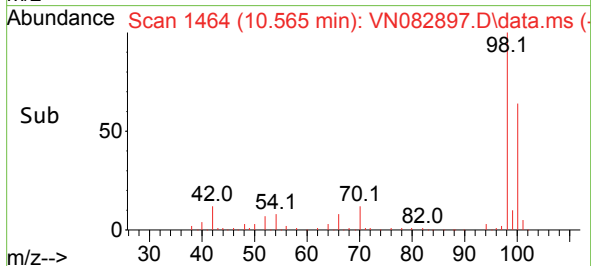


Tgt Ion: 43 Resp: 803

Ion Ratio Lower Upper

43 100

58 198.4 28.2 42.4#



#62

4-Bromofluorobenzene

Concen: 43.750 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN082897.D

Acq: 12 Jul 2024 14:16

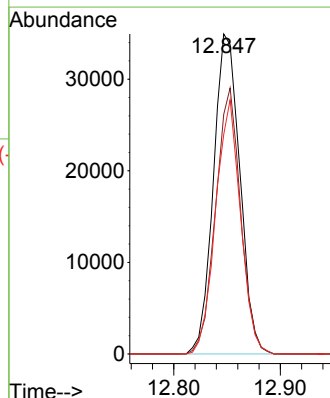
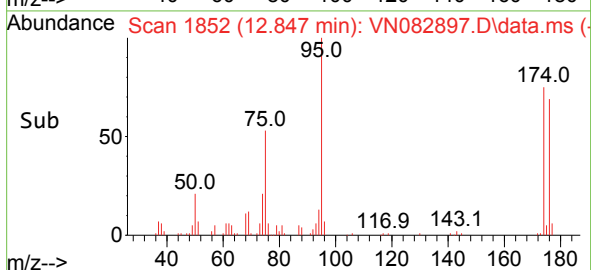
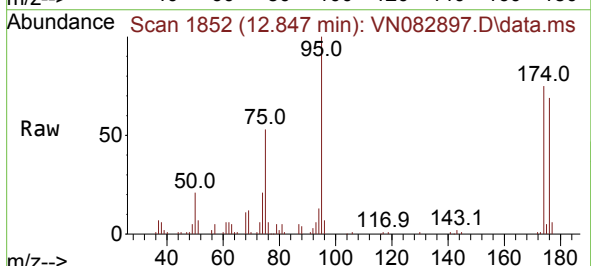
Tgt Ion: 95 Resp: 60100

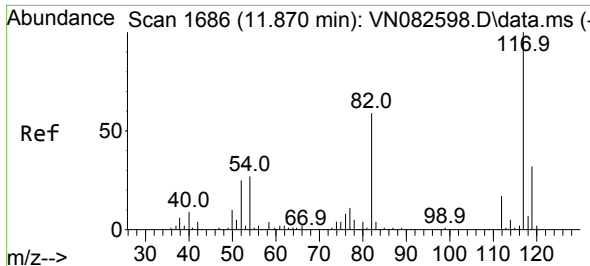
Ion Ratio Lower Upper

95 100

174 78.8 0.0 159.2

176 74.9 0.0 147.6

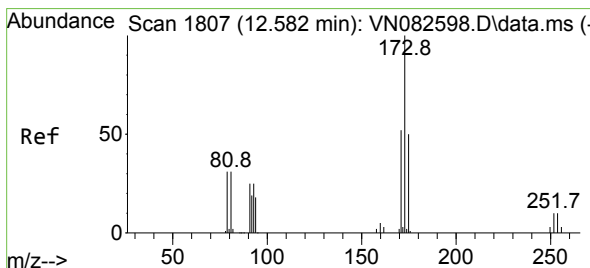
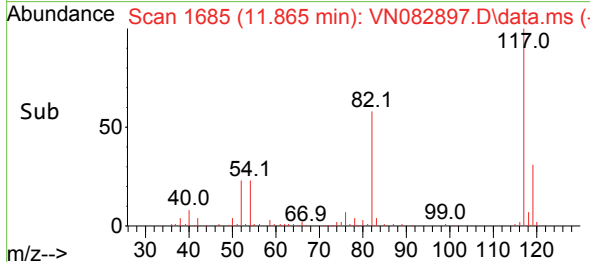
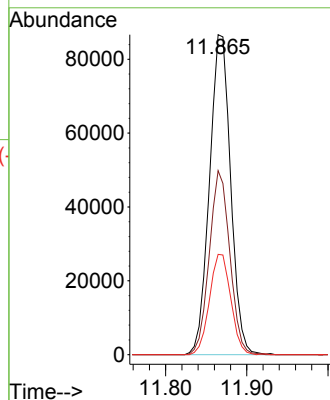
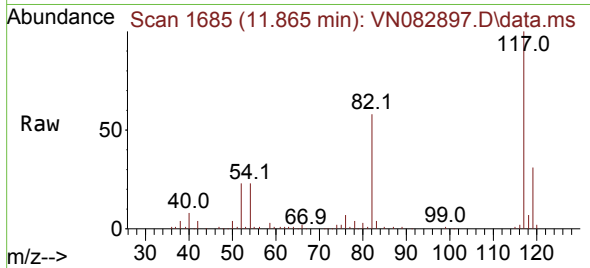




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN082897.D
Acq: 12 Jul 2024 14:16

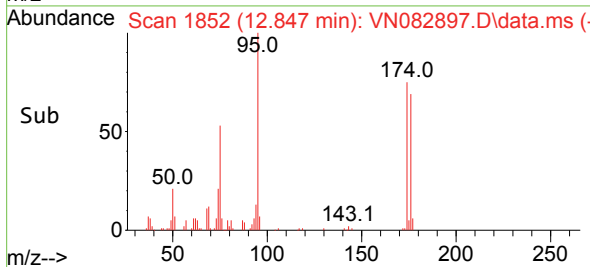
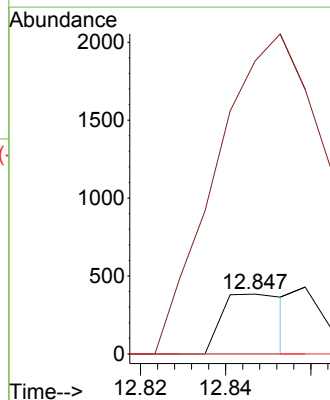
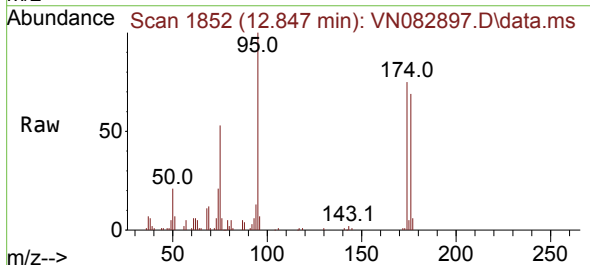
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-EB-20240710

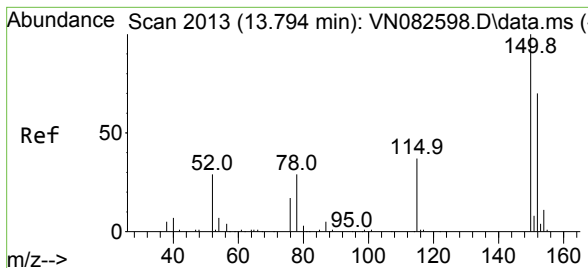
Tgt Ion:117 Resp: 156843
Ion Ratio Lower Upper
117 100
82 57.5 47.5 71.3
119 31.3 25.6 38.4



#71
Bromoform
Concen: 0.423 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN082897.D
Acq: 12 Jul 2024 14:16

Tgt Ion:173 Resp: 398
Ion Ratio Lower Upper
173 100
175 762.1 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# 20

Delta R.T. -0.000 min

Lab File: VN082897.D

Acq: 12 Jul 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-EB-20240710

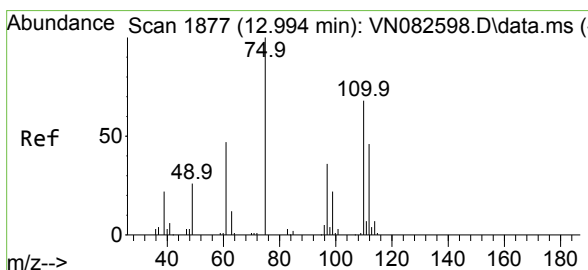
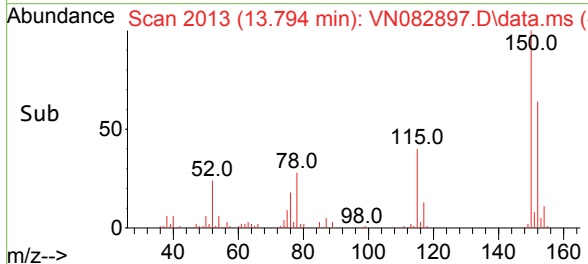
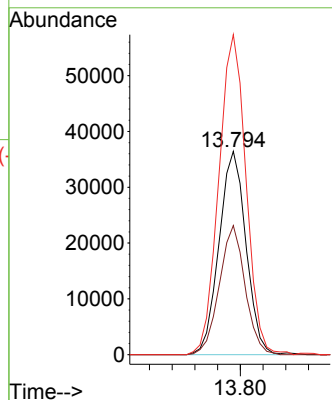
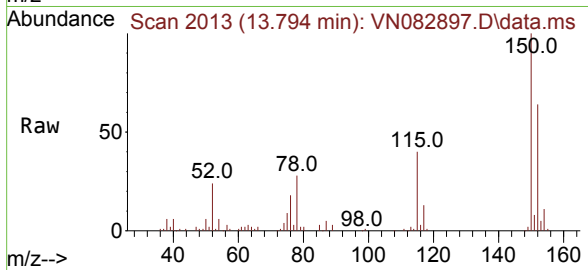
Tgt Ion:152 Resp: 59962

Ion Ratio Lower Upper

152 100

115 60.8 30.6 91.6

150 158.9 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 31.807 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082897.D

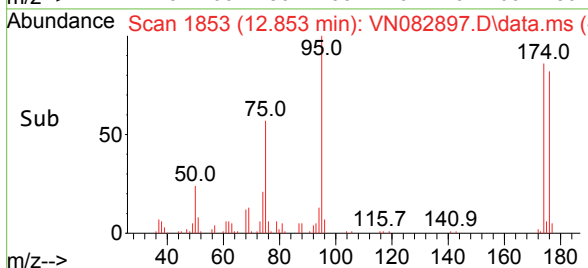
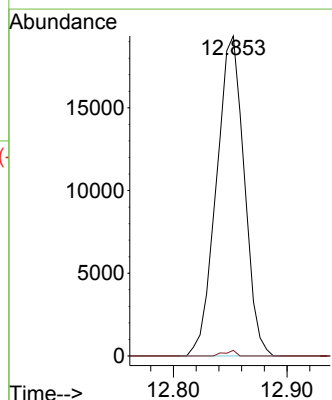
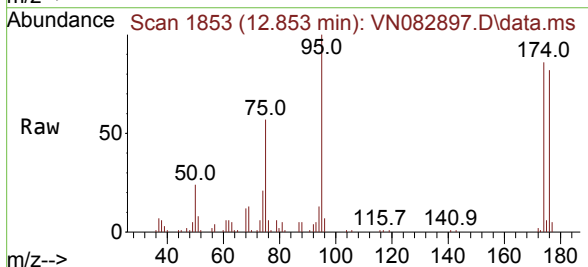
Acq: 12 Jul 2024 14:16

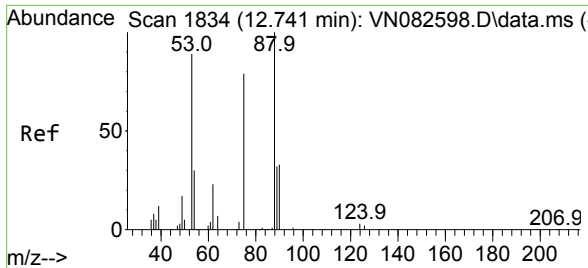
Tgt Ion: 75 Resp: 32881

Ion Ratio Lower Upper

75 100

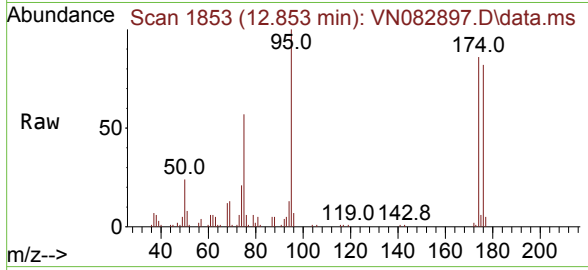
77 0.7 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.554 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082897.D
 Acq: 12 Jul 2024 14:16

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-EB-20240710



Tgt Ion: 75 Resp: 32881
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

