

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082991.D
 Acq On : 19 Jul 2024 16:10
 Operator : JC\MD
 Sample : P3307-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-EB-20240717RE

Quant Time: Jul 22 02:07:07 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)

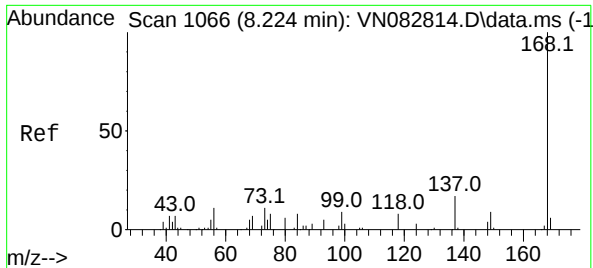
Internal Standards						
1) Pentafluorobenzene	8.230	168	68744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	125327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	111979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	43334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	53685	55.710	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.420%			
35) Dibromofluoromethane	8.171	113	41570	51.692	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.380%			
50) Toluene-d8	10.571	98	135165	45.506	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.020%			
62) 4-Bromofluorobenzene	12.847	95	38183	35.787	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 71.580%			
Target Compounds						
					Qvalue	
6) Chloroethane	3.124	64	285	0.470	ug/l #	41
16) Acetone	4.442	43	766	2.258	ug/l #	48
17) Carbon Disulfide	4.700	76	561	0.268	ug/l #	75
29) Tetrahydrofuran	7.847	42	3933	12.195	ug/l	93
31) Cyclohexane	8.224	56	1704	1.353	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	5701	5.142	ug/l #	49
37) Ethyl Acetate	7.836	43	299	0.265	ug/l #	72
38) Carbon Tetrachloride	8.218	117	7539	5.647	ug/l #	17
41) Methacrylonitrile	7.836	41	1141	1.876	ug/l #	2
43) Isopropyl Acetate	8.677	43	3600	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	563	0.503	ug/l #	1
71) Bromoform	12.847	173	433	0.645	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	21632	28.954	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	21632	56.945	ug/l #	6

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

Instrument :
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BP-VPB-189-EB-20240717RE

The chromatogram displays the Total Ion Chromatogram (TIC) for the sample VN082991.D\data.ms. The y-axis represents Abundance, ranging from 0 to 230,000. The x-axis represents Time in minutes, ranging from 2.00 to 16.00. The following table summarizes the identified peaks:

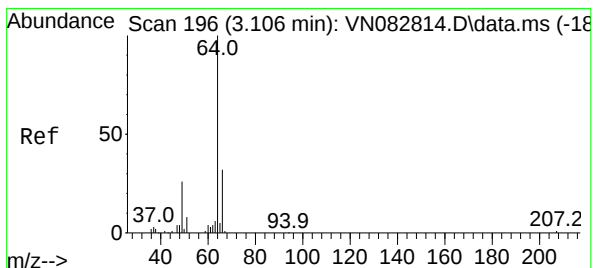
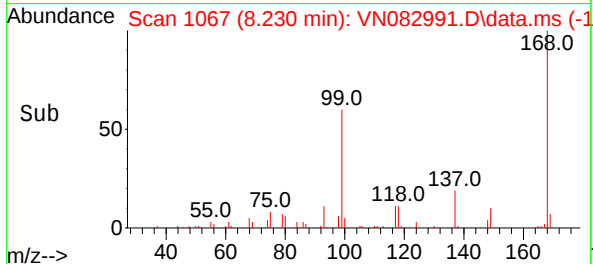
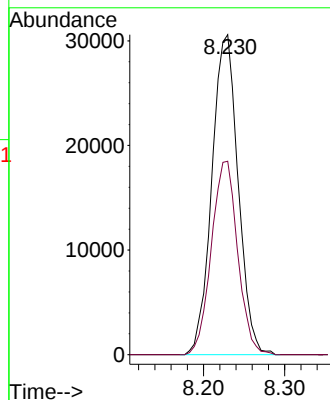
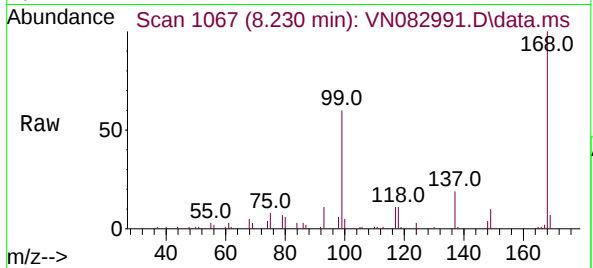
Time (min)	Compound	Abundance (approx.)
2.8	Chloroethane, T	10,000
4.5	Acetone, T	10,000
4.6	Carbon Disulfide, T	10,000
7.8	Ethyl acetate, T	5,000
8.1	Bromodifluoromethane, T	30,000
8.2	Carbon Tetrachloride, T	60,000
8.3	1,2-Dichloroethane-d4, S	65,000
9.1	1,4-Difluorobenzene, I	145,000
10.6	1,4-Dichlorobenzene, T	180,000
10.7	1,4-Dibromobenzene, T	180,000
11.9	Chlorobenzene-d5, I	180,000
12.8	1,2-Dichloroethane, S	120,000
12.9	1,4-Dichlorobenzene, T	120,000
13.8	1,4-Dichlorobenzene-d4, I	165,000



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN082991.D
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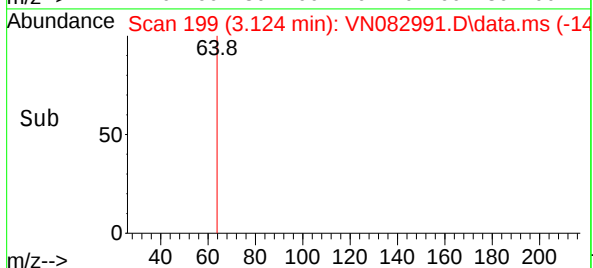
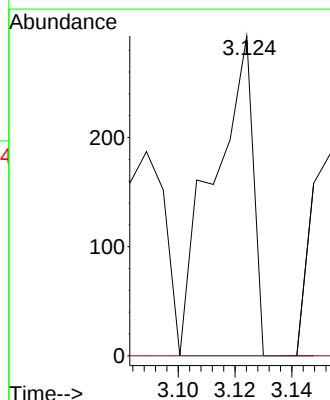
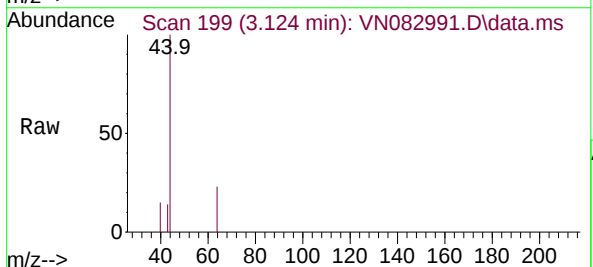
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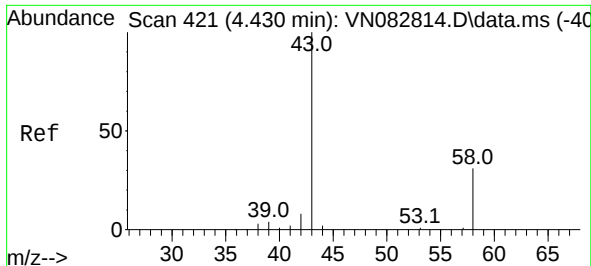
Tgt Ion:168 Resp: 68744
Ion Ratio Lower Upper
168 100
99 60.4 48.2 72.4



#6
Chloroethane
Concen: 0.470 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN082991.D
Acq: 19 Jul 2024 16:10

Tgt Ion: 64 Resp: 285
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#

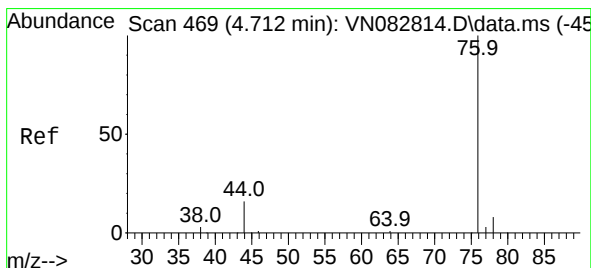
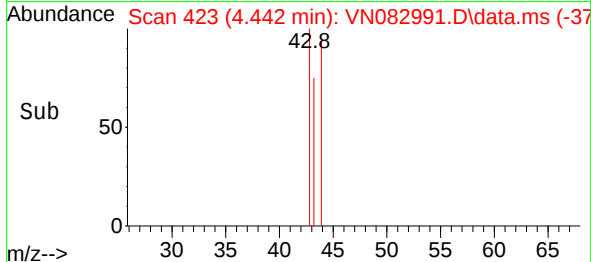
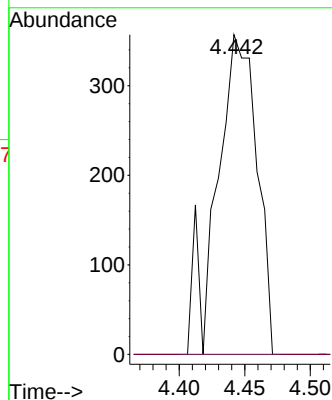
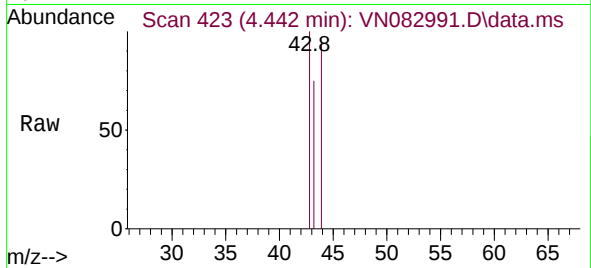




#16
Acetone
Concen: 2.258 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN082991.D
Acq: 19 Jul 2024 16:10

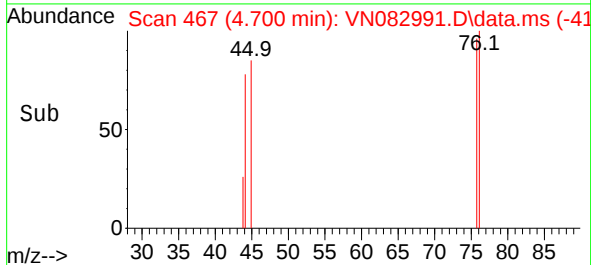
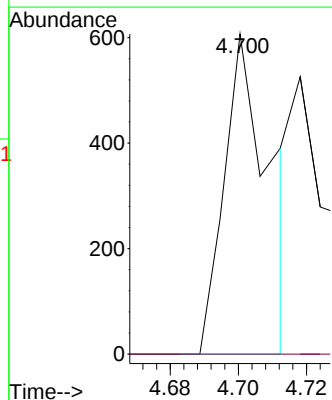
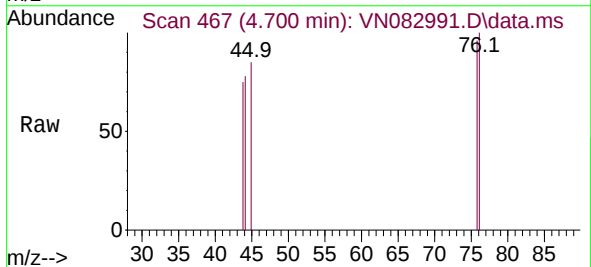
Instrument :
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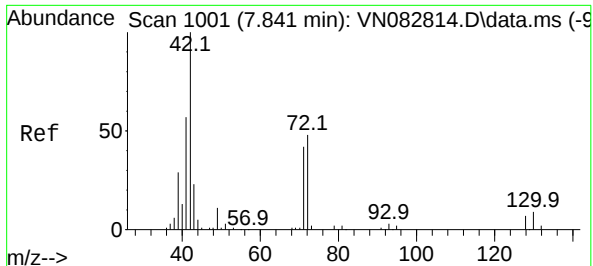
Tgt Ion: 43 Resp: 766
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#17
Carbon Disulfide
Concen: 0.268 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN082991.D
Acq: 19 Jul 2024 16:10

Tgt Ion: 76 Resp: 561
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

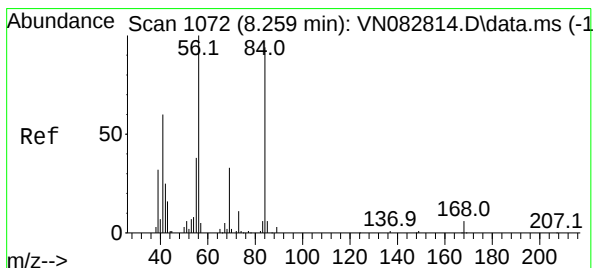
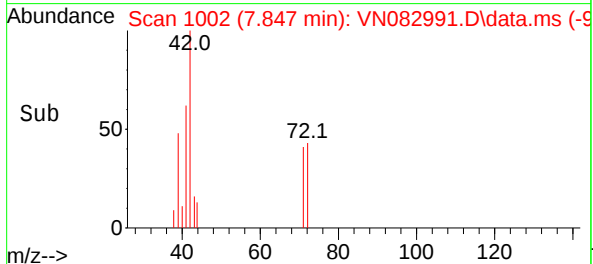
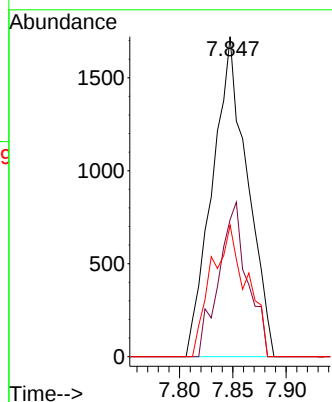
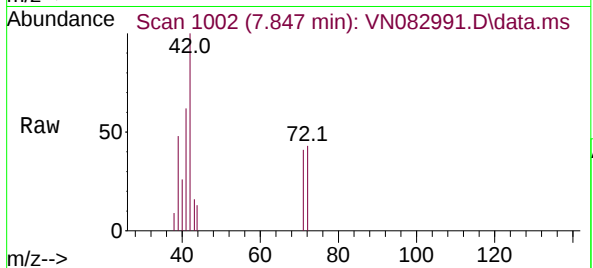




#29
Tetrahydrofuran
Concen: 12.195 ug/l
RT: 7.847 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082991.D
Acq: 19 Jul 2024 16:10

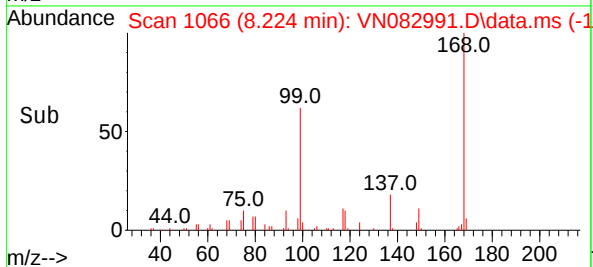
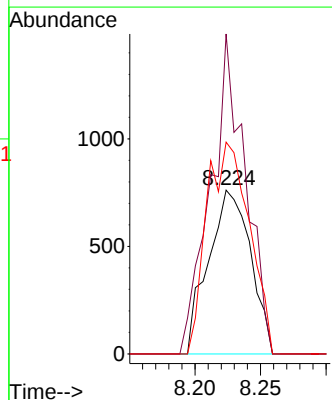
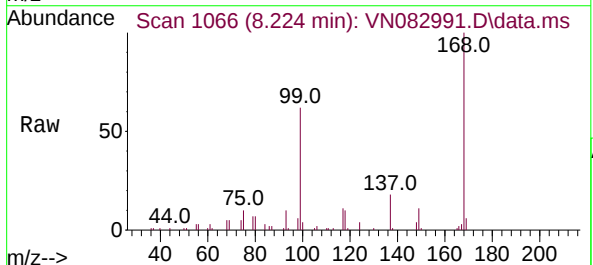
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-EB-20240717RE

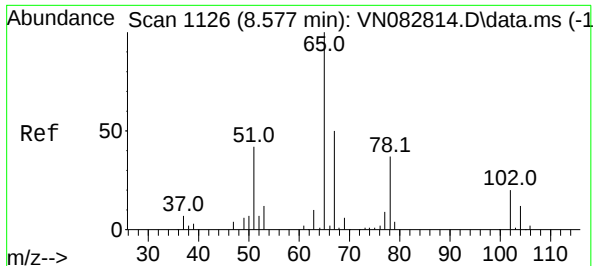
Tgt Ion:	42	Resp:	3933
Ion	Ratio	Lower	Upper
42	100		
72	39.5	30.0	45.0
71	41.7	28.3	42.5



#31
Cyclohexane
Concen: 1.353 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082991.D
Acq: 19 Jul 2024 16:10

Tgt Ion:	56	Resp:	1704
Ion	Ratio	Lower	Upper
56	100		
69	195.3	24.5	36.7#
84	129.3	66.0	99.0#

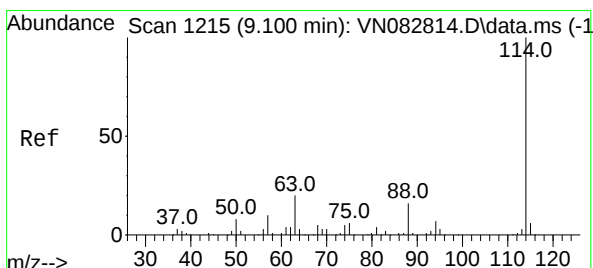
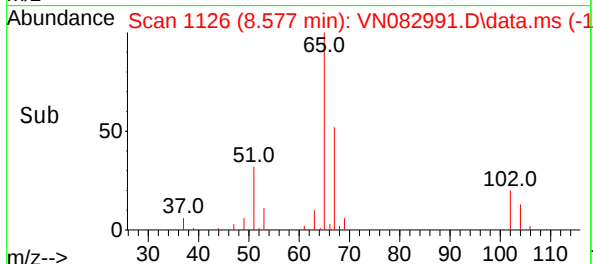
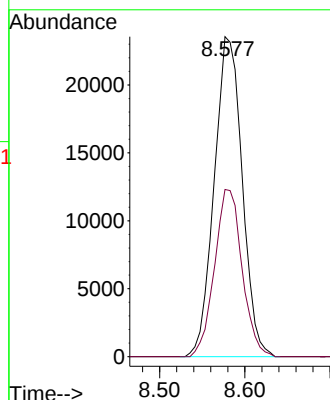
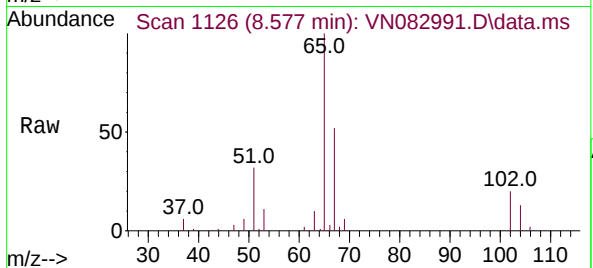




#33
1,2-Dichloroethane-d4
Concen: 55.710 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082991.D
Acq: 19 Jul 2024 16:10

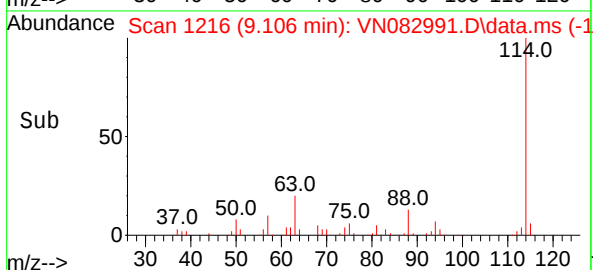
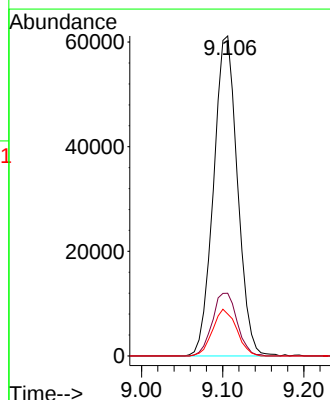
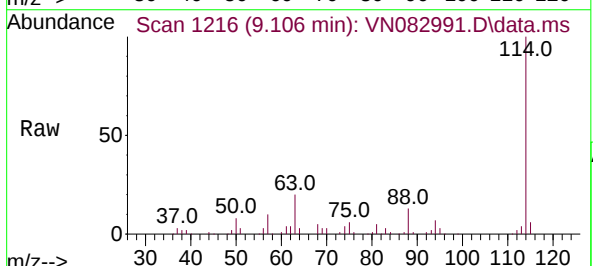
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-EB-20240717RE

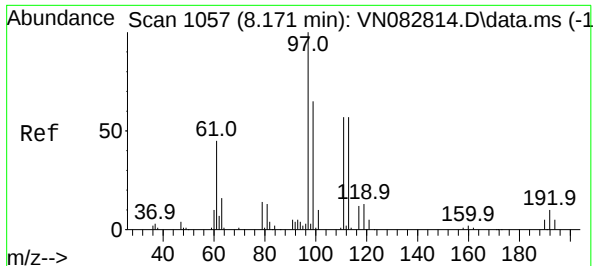
Tgt Ion: 65 Resp: 53685
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN082991.D
Acq: 19 Jul 2024 16:10

Tgt Ion: 114 Resp: 125327
Ion Ratio Lower Upper
114 100
63 19.6 0.0 44.6
88 13.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.692 ug/l

RT: 8.171 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VN082991.D

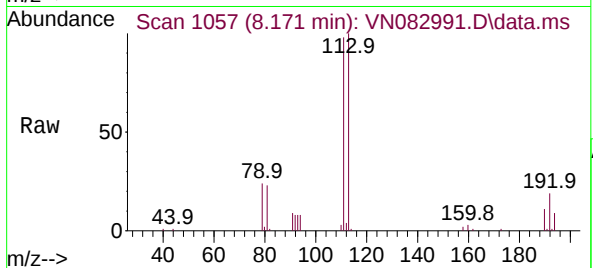
Acq: 19 Jul 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-EB-20240717RE



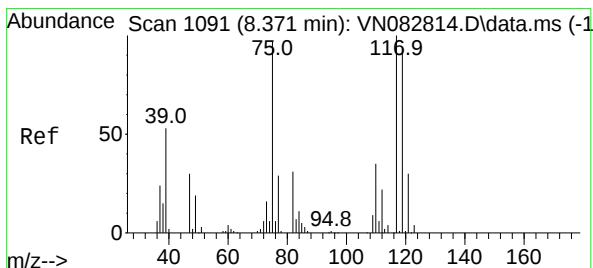
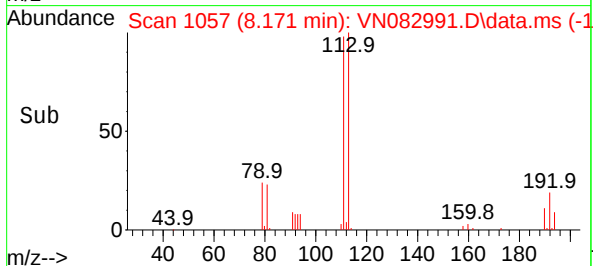
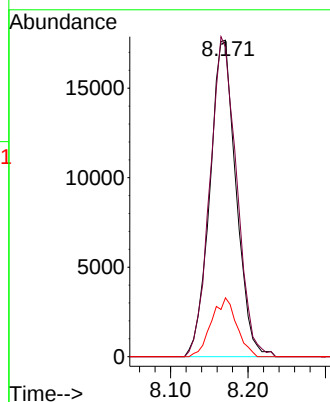
Tgt Ion:113 Resp: 41570

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 18.0 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.142 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082991.D

Acq: 19 Jul 2024 16:10

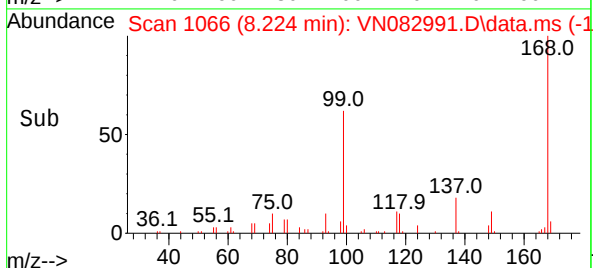
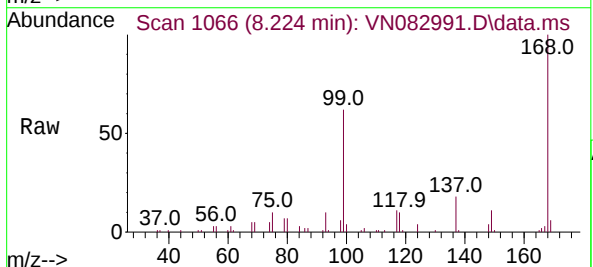
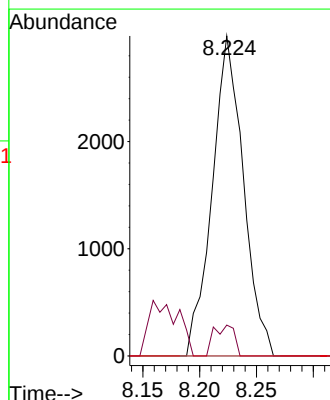
Tgt Ion: 75 Resp: 5701

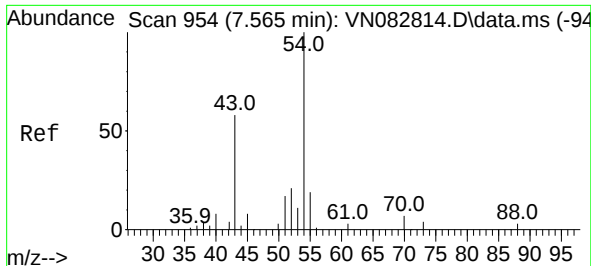
Ion Ratio Lower Upper

75 100

110 6.3 16.3 48.9#

77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 0.265 ug/l

RT: 7.836 min Scan# 1

Delta R.T. 0.271 min

Lab File: VN082991.D

Acq: 19 Jul 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-EB-20240717RE

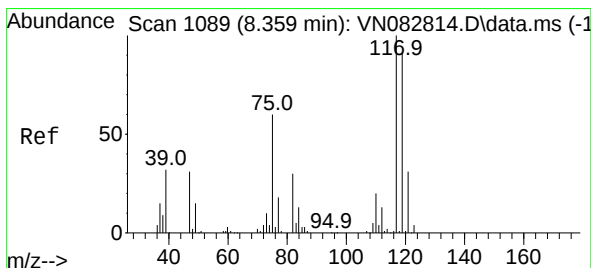
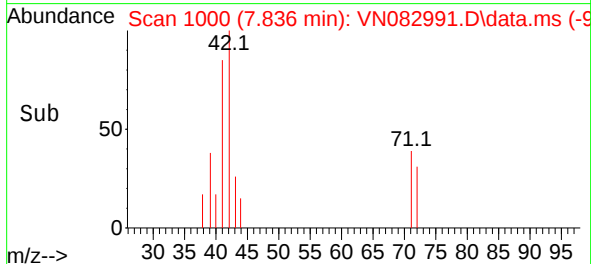
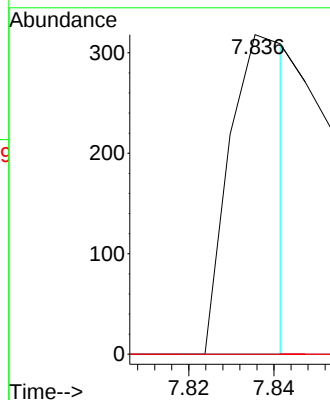
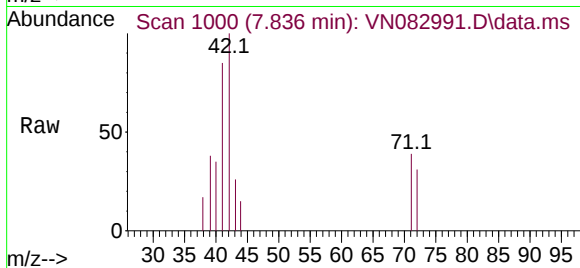
Tgt Ion: 43 Resp: 299

Ion Ratio Lower Upper

43 100

61 0.0 9.3 13.9#

70 0.0 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 5.647 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN082991.D

Acq: 19 Jul 2024 16:10

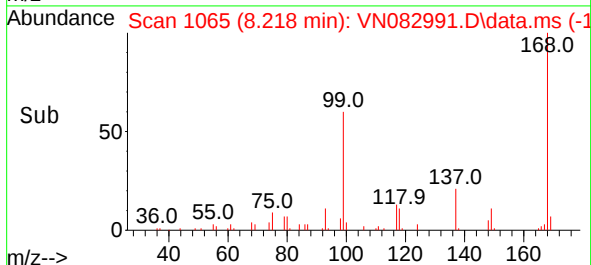
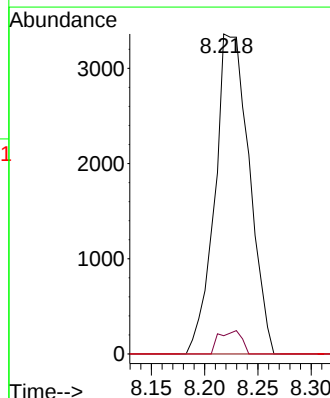
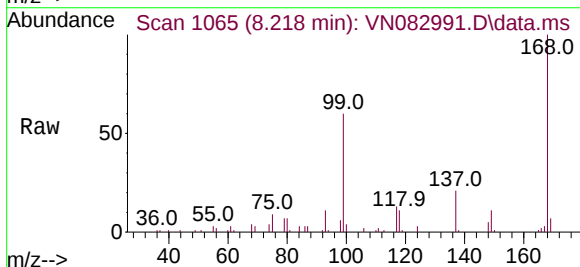
Tgt Ion: 117 Resp: 7539

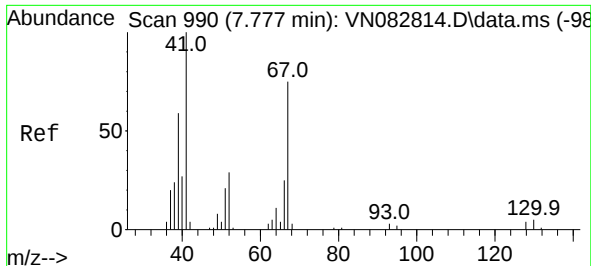
Ion Ratio Lower Upper

117 100

119 5.7 74.9 112.3#

121 0.0 24.3 36.5#

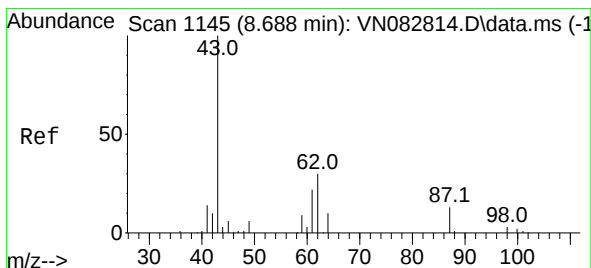
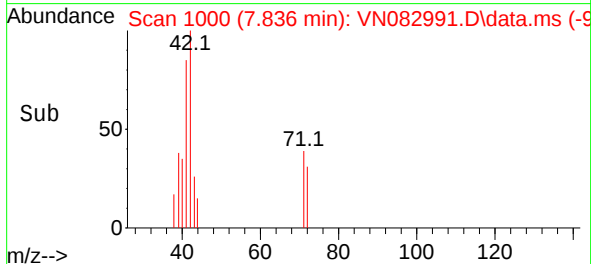
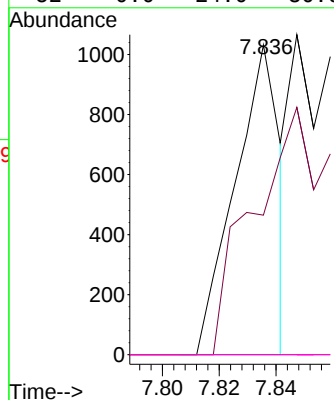
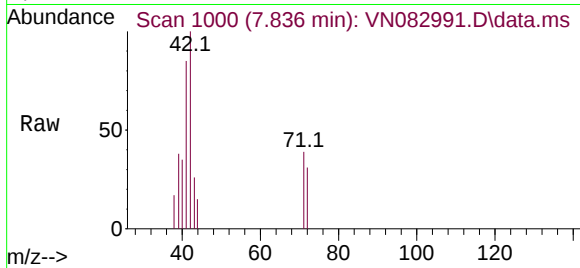




#41
Methacrylonitrile
Concen: 1.876 ug/l
RT: 7.836 min Scan# 1141
Delta R.T. 0.054 min
Lab File: VN082991.D
Acq: 19 Jul 2024 16:10

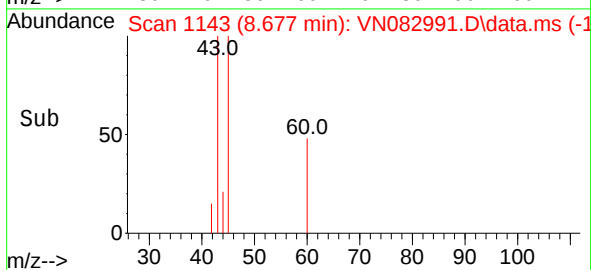
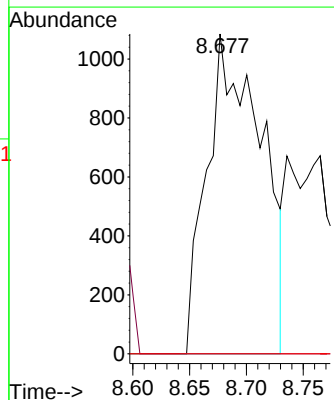
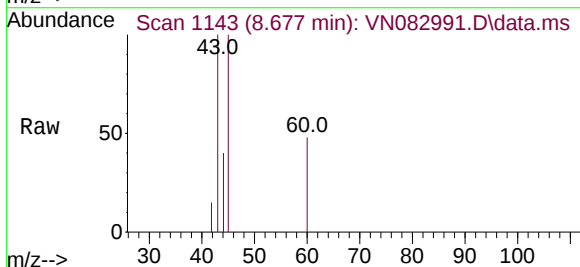
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-EB-20240717RE

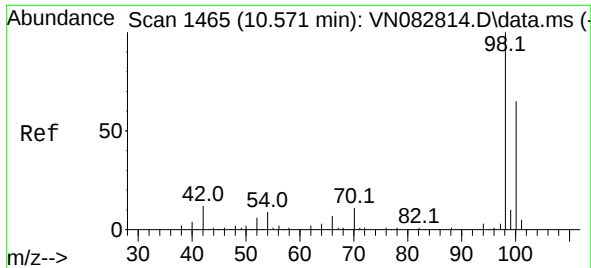
Tgt Ion:	41	Resp:	1141
Ion	Ratio	Lower	Upper
41	100		
39	159.7	45.5	68.3#
67	0.0	50.5	75.7#
52	0.0	24.0	36.0#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1143
Delta R.T. -0.017 min
Lab File: VN082991.D
Acq: 19 Jul 2024 16:10

Tgt Ion:	43	Resp:	3600
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.8	26.6#
87	0.0	8.2	12.2#

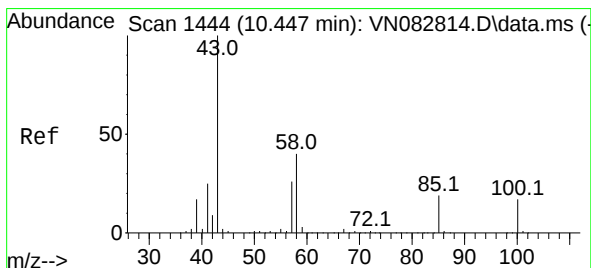
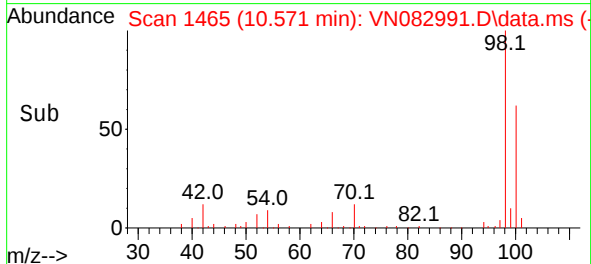
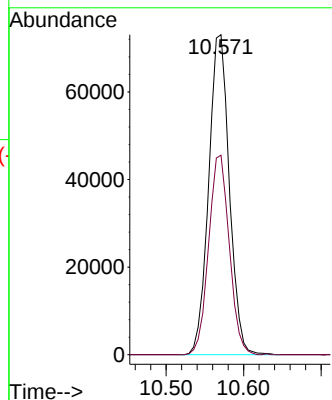
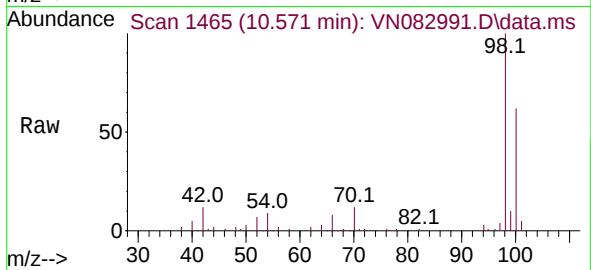




#50
Toluene-d8
Concen: 45.506 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082991.D
Acq: 19 Jul 2024 16:10

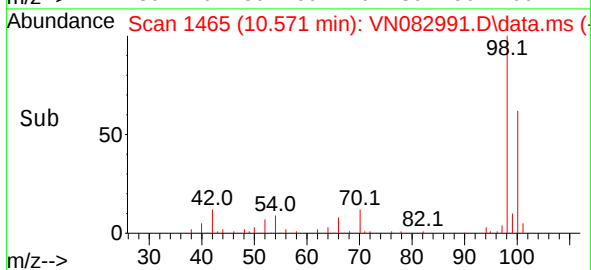
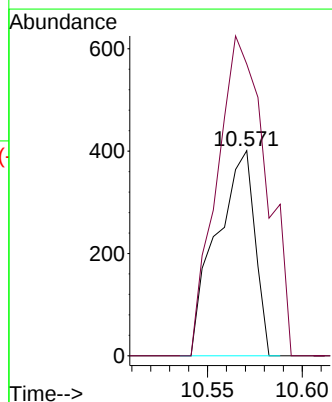
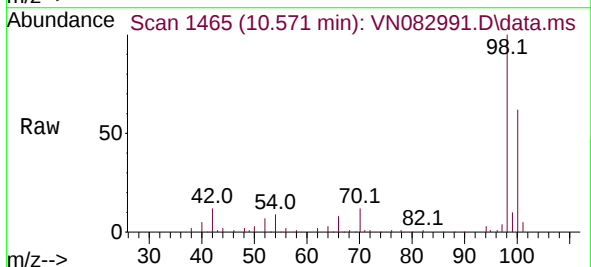
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-EB-20240717RE

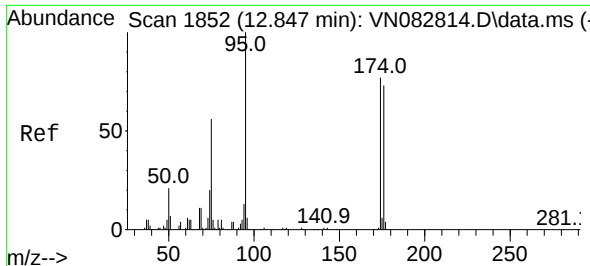
Tgt Ion: 98 Resp: 135165
Ion Ratio Lower Upper
98 100
100 62.4 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.503 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN082991.D
Acq: 19 Jul 2024 16:10

Tgt Ion: 43 Resp: 563
Ion Ratio Lower Upper
43 100
58 201.4 28.2 42.4#

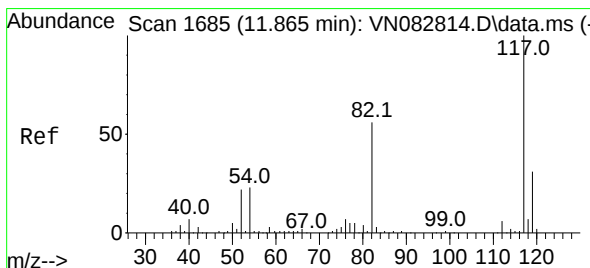
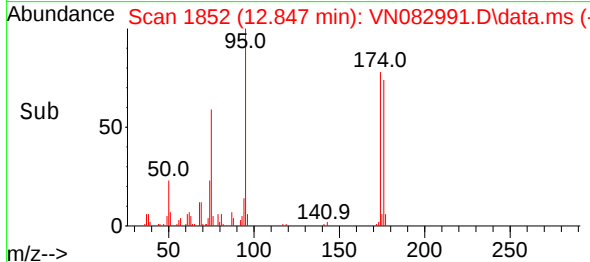
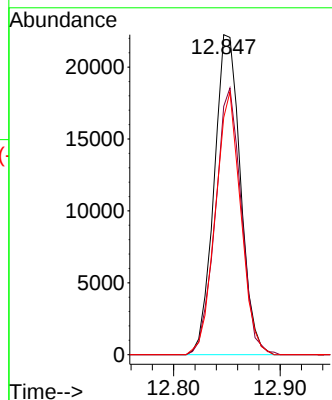
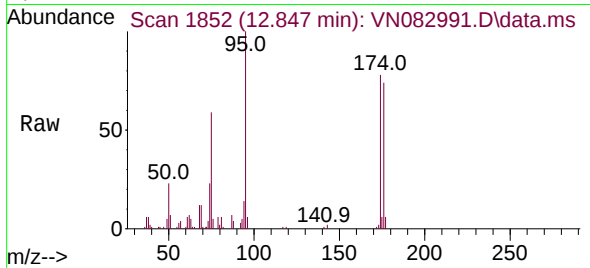




#62
4-Bromofluorobenzene
Concen: 35.787 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082991.D
Acq: 19 Jul 2024 16:10

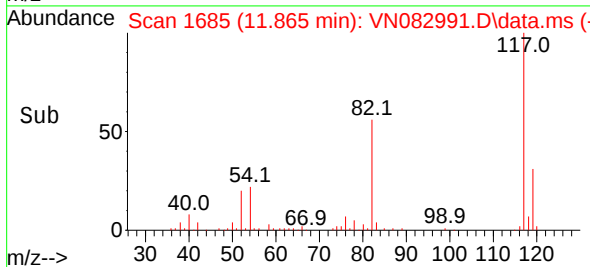
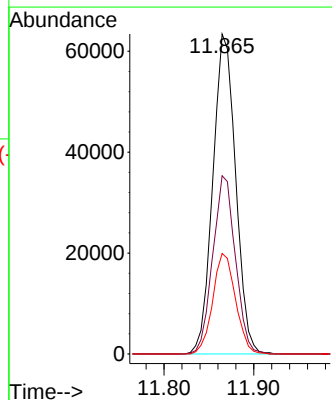
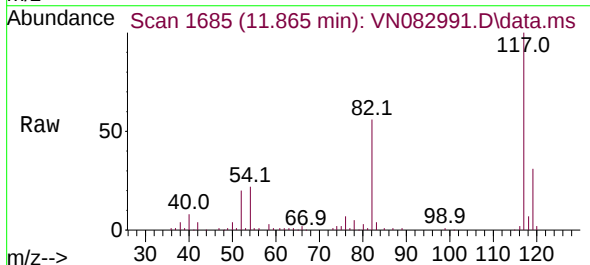
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-EB-20240717RE

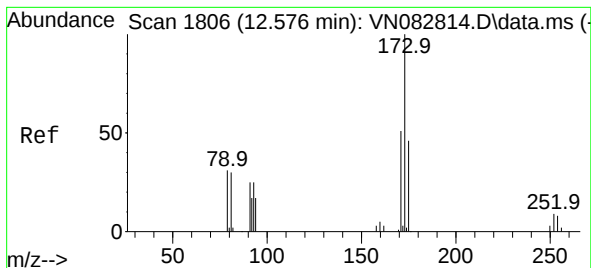
Tgt Ion: 95 Resp: 38183
Ion Ratio Lower Upper
95 100
174 81.8 0.0 159.2
176 79.1 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082991.D
Acq: 19 Jul 2024 16:10

Tgt Ion: 117 Resp: 111979
Ion Ratio Lower Upper
117 100
82 55.7 47.5 71.3
119 31.4 25.6 38.4





#71

Bromoform

Concen: 0.645 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.265 min

Lab File: VN082991.D

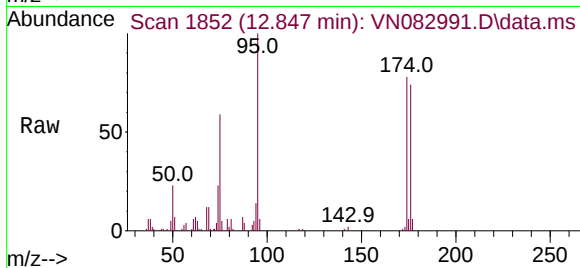
Acq: 19 Jul 2024 16:10

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-EB-20240717RE



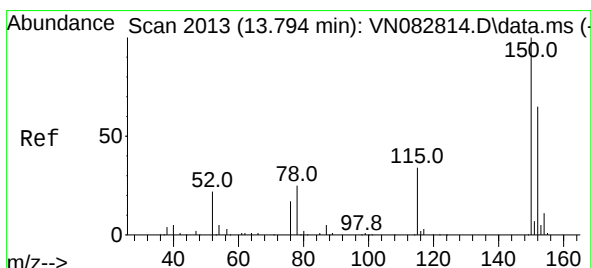
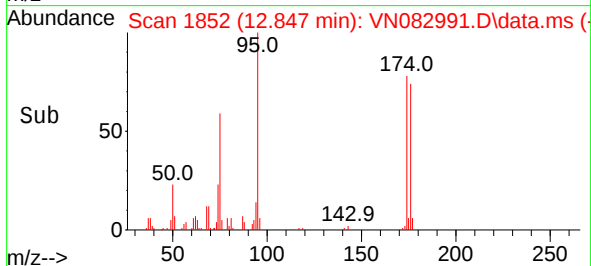
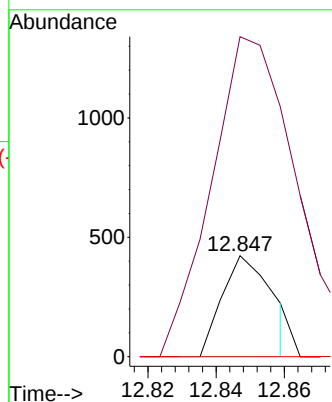
Tgt Ion:173 Resp: 433

Ion Ratio Lower Upper

173 100

175 433.0 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: VN082991.D

Acq: 19 Jul 2024 16:10

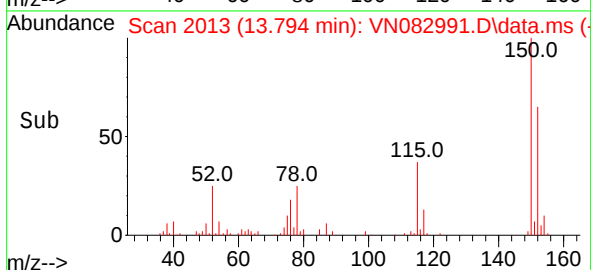
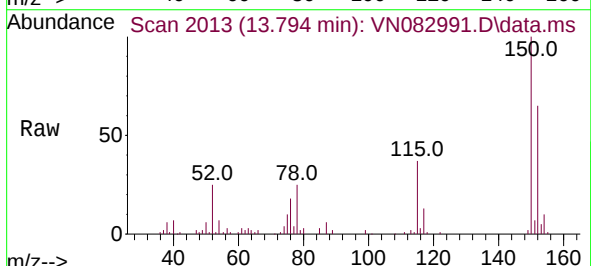
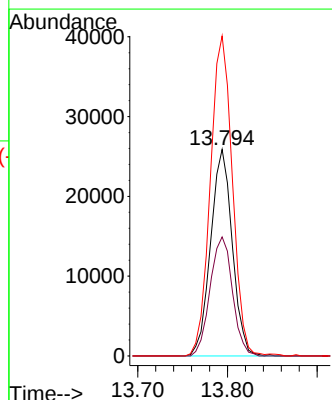
Tgt Ion:152 Resp: 43334

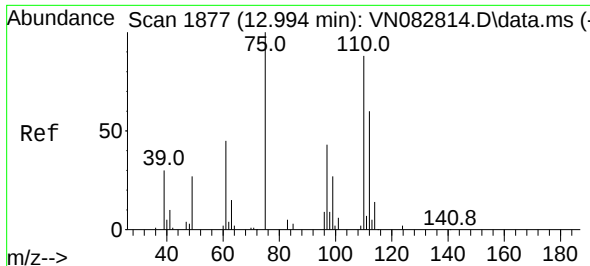
Ion Ratio Lower Upper

152 100

115 59.4 30.6 91.6

150 157.7 0.0 348.6

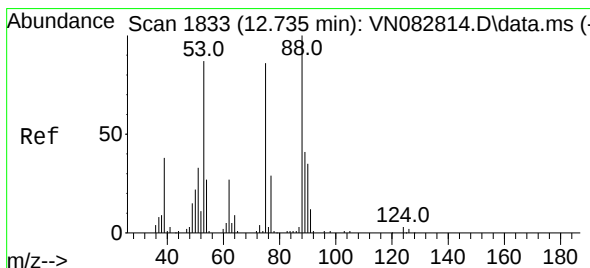
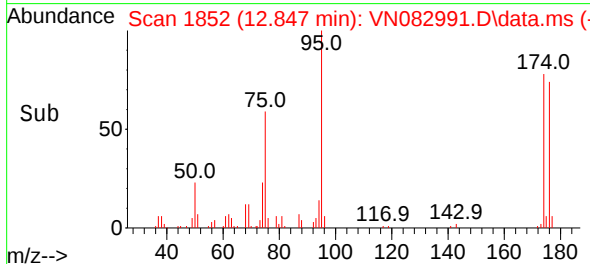
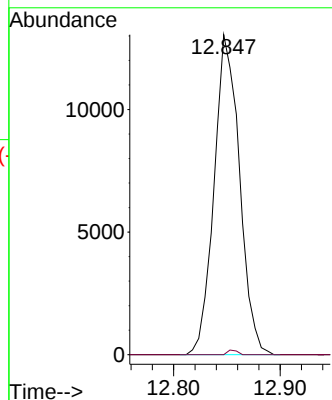
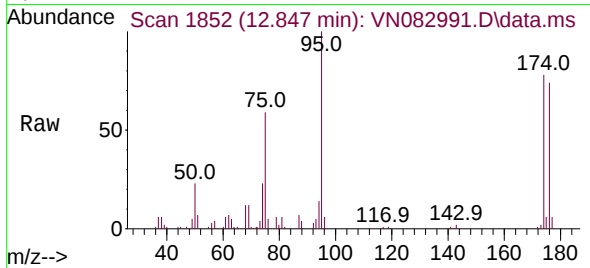




#76
1,2,3-Trichloropropane
Concen: 28.954 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082991.D
Acq: 19 Jul 2024 16:10

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-EB-20240717RE

Tgt Ion: 75 Resp: 21632
Ion Ratio Lower Upper
75 100
77 0.6 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.945 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN082991.D
Acq: 19 Jul 2024 16:10

Tgt Ion: 75 Resp: 21632
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

