

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110124\
 Data File : VN084639.D
 Acq On : 01 Nov 2024 15:30
 Operator : JC\MD
 Sample : P4665-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-EB-20241030

Quant Time: Nov 04 04:28:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

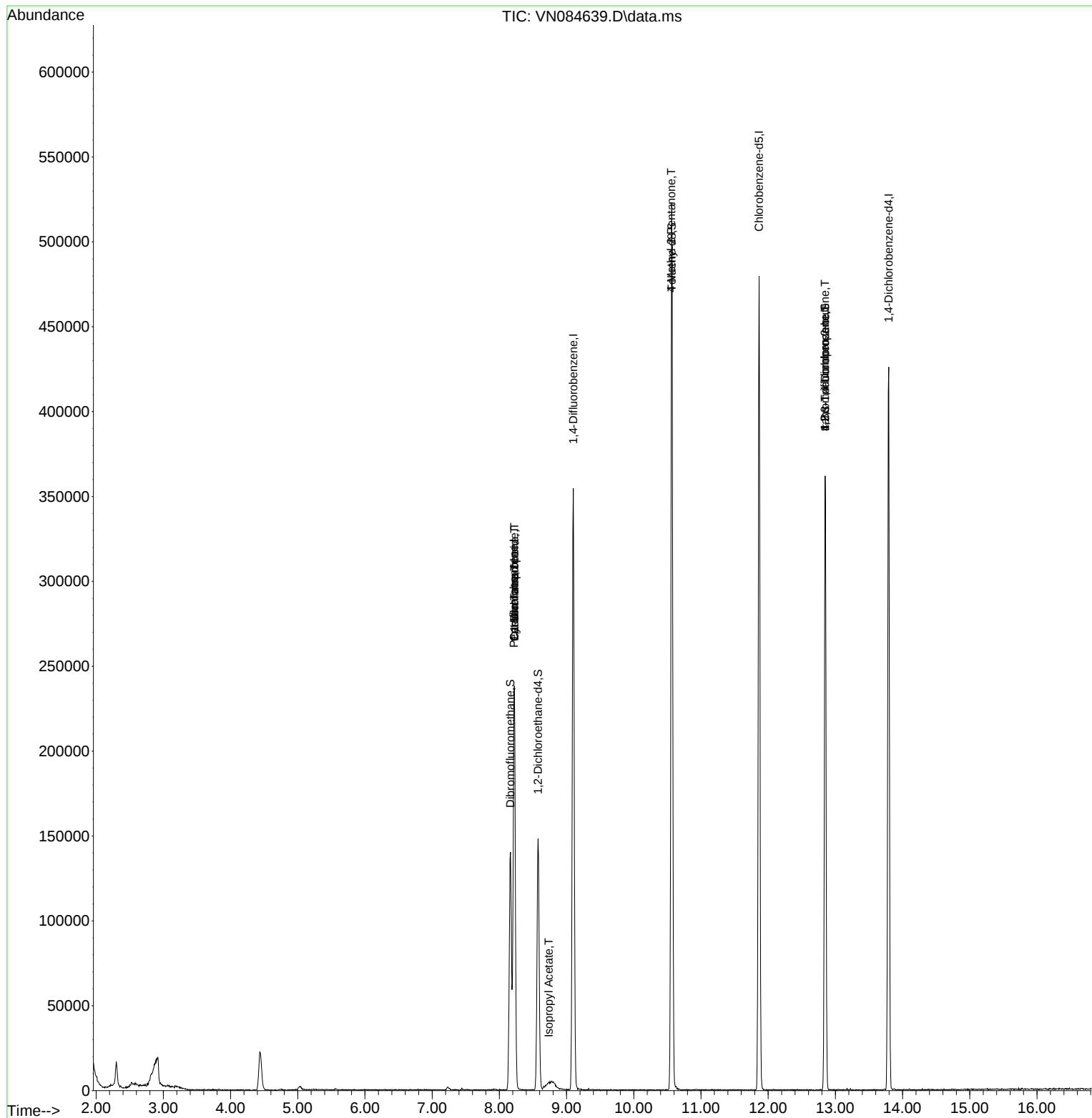
Internal Standards						
1) Pentafluorobenzene	8.218	168	170733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122982	49.872	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.740%		
35) Dibromofluoromethane	8.165	113	100539	49.552	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.100%		
50) Toluene-d8	10.565	98	357815	47.875	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.740%		
62) 4-Bromofluorobenzene	12.847	95	127690	45.713	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.420%		
Target Compounds						
3) Chloromethane	2.359	50	734	Below Cal	#	88
6) Chloroethane	3.059	64	273	Below Cal	#	45
16) Acetone	4.436	43	1119	Below Cal	#	44
18) Methyl Acetate	5.030	43	3976	Below Cal	#	75
31) Cyclohexane	8.224	56	3794	1.114	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14387	5.113	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18846	5.992	ug/l #	16
43) Isopropyl Acetate	8.735	43	6791	0.484	ug/l #	56
51) 4-Methyl-2-Pentanone	10.559	43	1612	0.662	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	66174	28.713	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	66174	68.118	ug/l #	11
88) 1,4-Dichlorobenzene	13.811	146	204	Below Cal	#	1

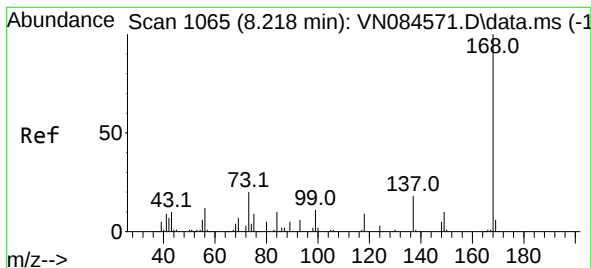
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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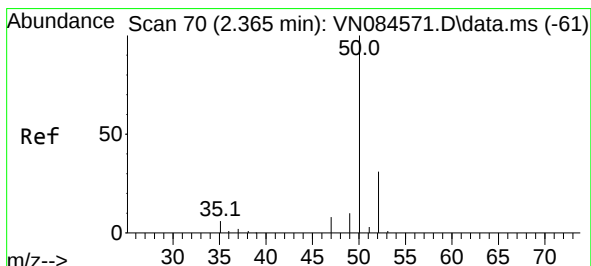
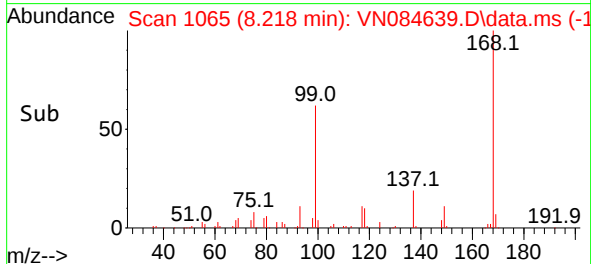
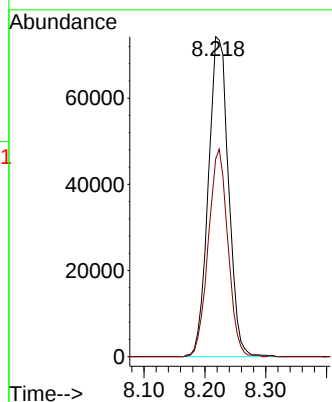
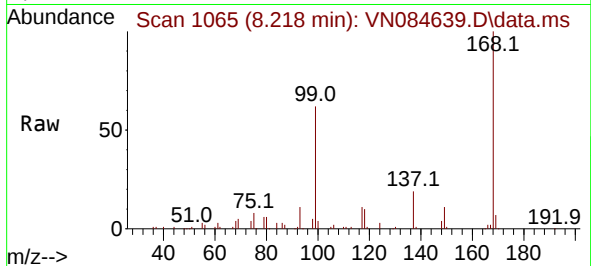




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN084639.D
Acq: 01 Nov 2024 15:30

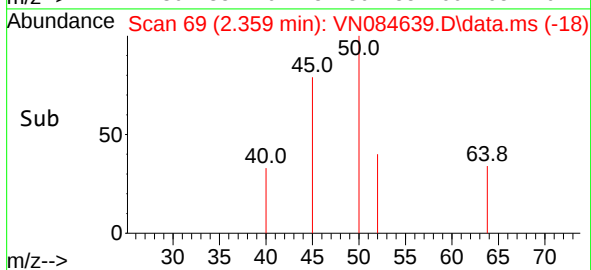
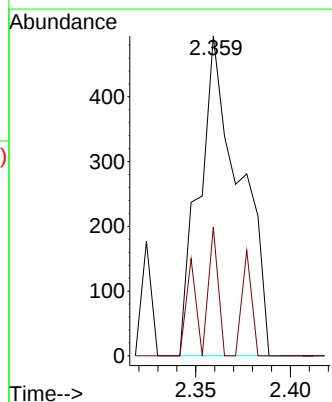
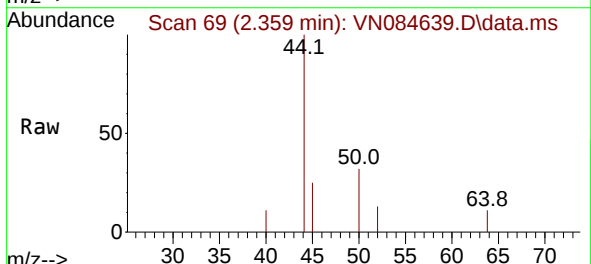
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-EB-20241030

Tgt Ion:168 Resp: 170733
Ion Ratio Lower Upper
168 100
99 61.9 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084639.D
Acq: 01 Nov 2024 15:30

Tgt Ion: 50 Resp: 734
Ion Ratio Lower Upper
50 100
52 40.3 26.8 40.2#

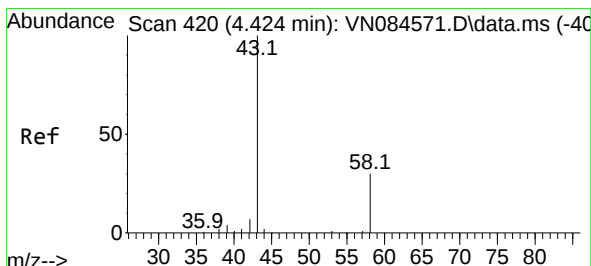
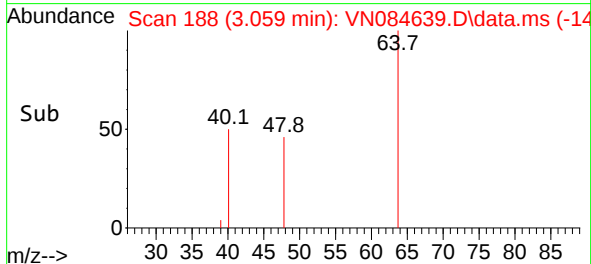
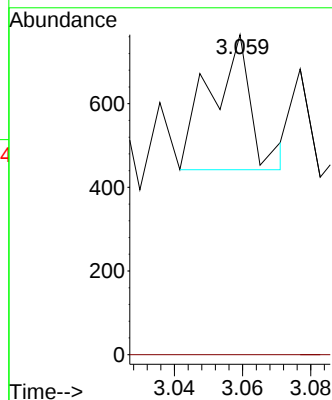
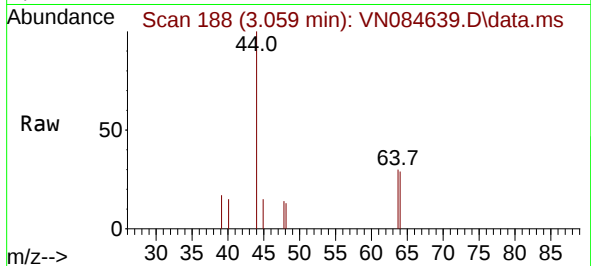




#6
Chloroethane
Concen: Below Cal
RT: 3.059 min Scan# 11
Delta R.T. -0.059 min
Lab File: VN084639.D
Acq: 01 Nov 2024 15:30

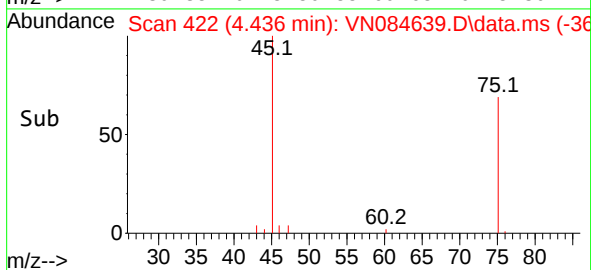
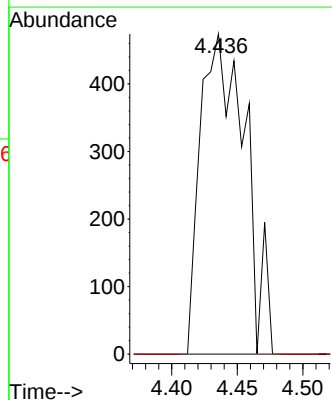
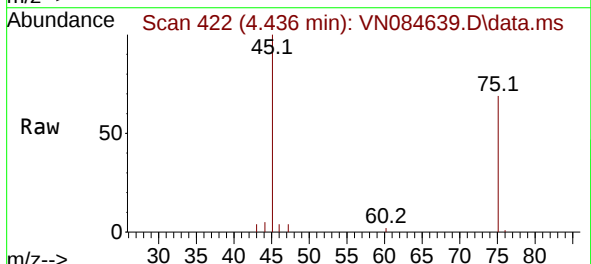
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-EB-20241030

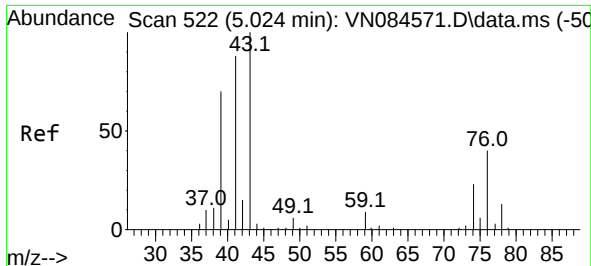
Tgt Ion: 64 Resp: 273
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#16
Acetone
Concen: Below Cal
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084639.D
Acq: 01 Nov 2024 15:30

Tgt Ion: 43 Resp: 1119
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

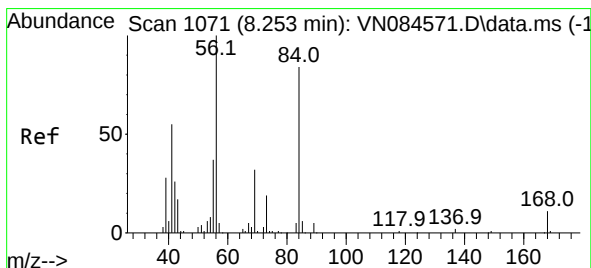
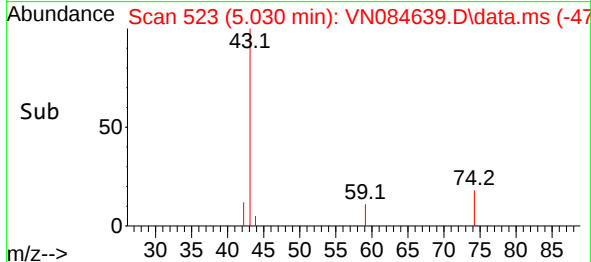
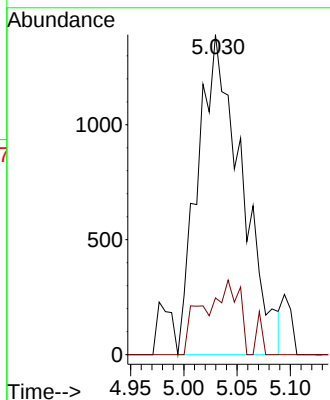
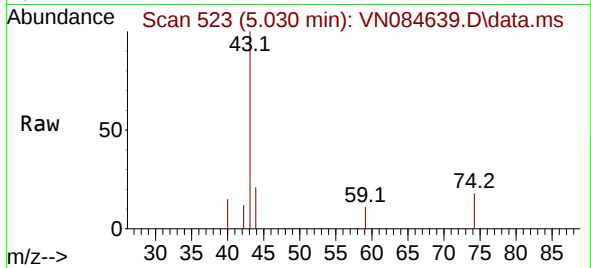




#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN084639.D
Acq: 01 Nov 2024 15:30

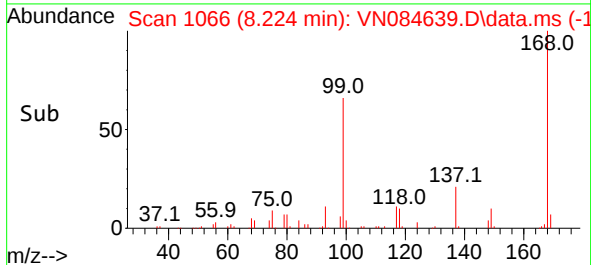
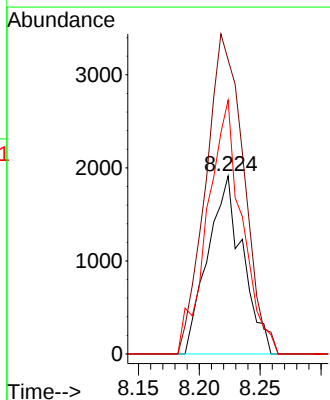
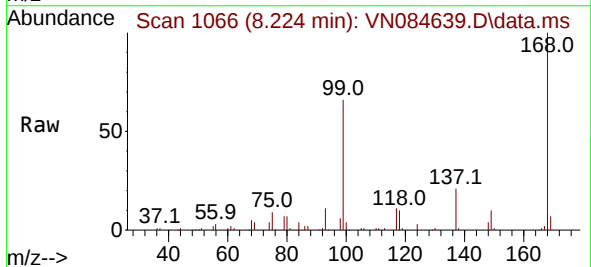
Instrument : MSVOA_N
ClientSampleId : BP-VPB-190-EB-20241030

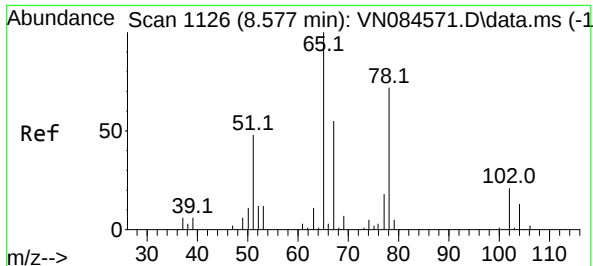
Tgt Ion: 43 Resp: 3976
Ion Ratio Lower Upper
43 100
74 11.7 19.2 28.8#



#31
Cyclohexane
Concen: 1.114 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084639.D
Acq: 01 Nov 2024 15:30

Tgt Ion: 56 Resp: 3794
Ion Ratio Lower Upper
56 100
69 165.2 23.8 35.6#
84 142.5 68.8 103.2#

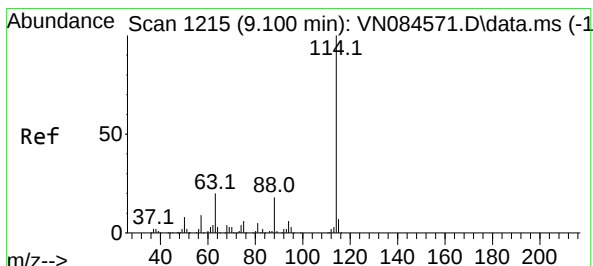
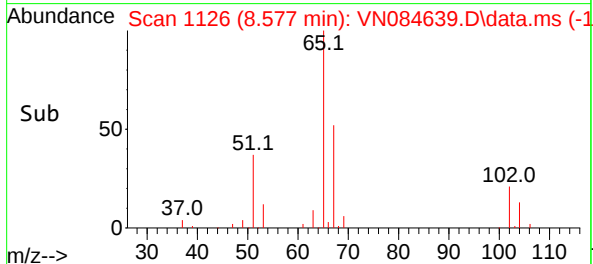
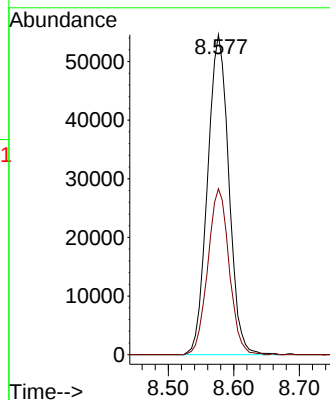
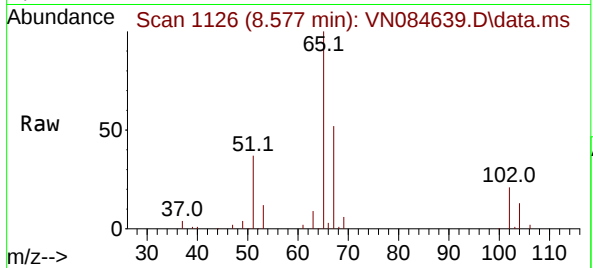




#33
1,2-Dichloroethane-d4
Concen: 49.872 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084639.D
Acq: 01 Nov 2024 15:30

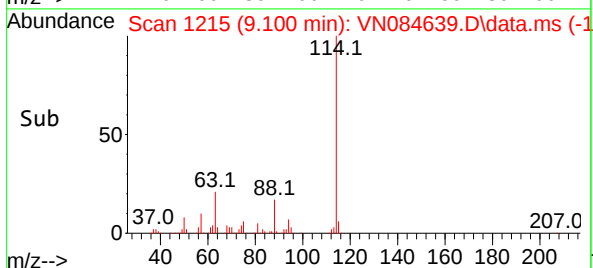
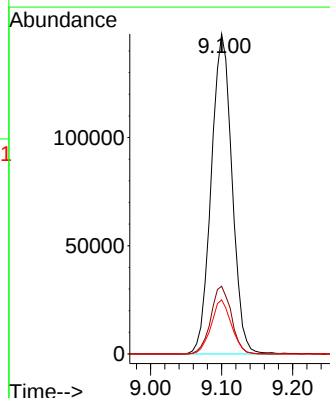
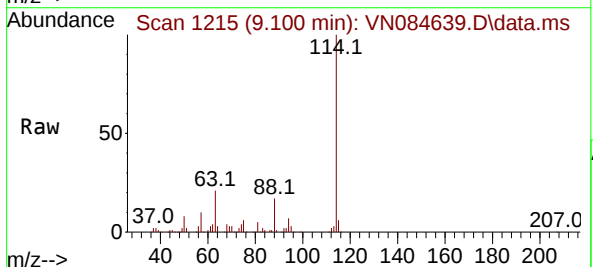
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-EB-20241030

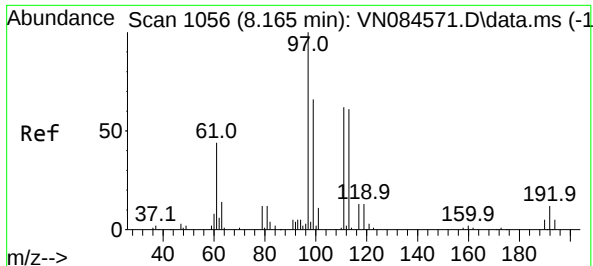
Tgt Ion: 65 Resp: 122982
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084639.D
Acq: 01 Nov 2024 15:30

Tgt Ion: 114 Resp: 299750
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.8
88 16.9 0.0 31.6

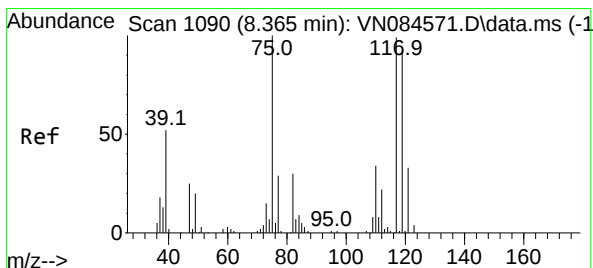
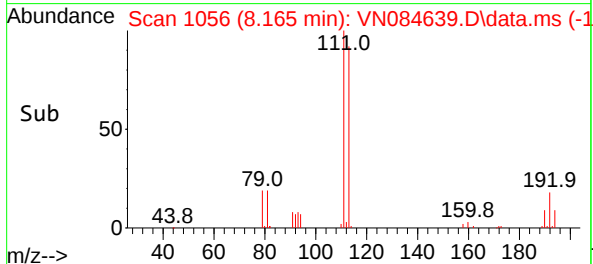
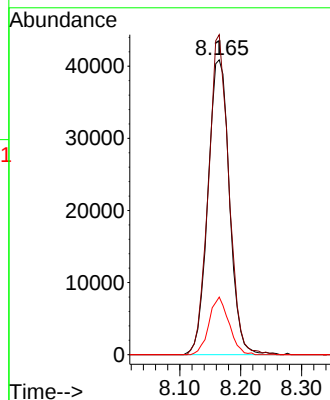
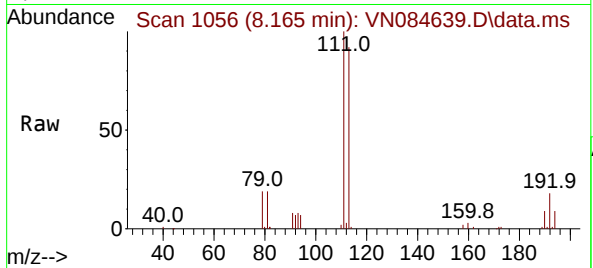




#35
Dibromofluoromethane
Concen: 49.552 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084639.D
Acq: 01 Nov 2024 15:30

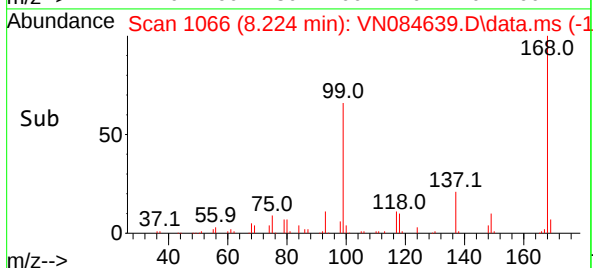
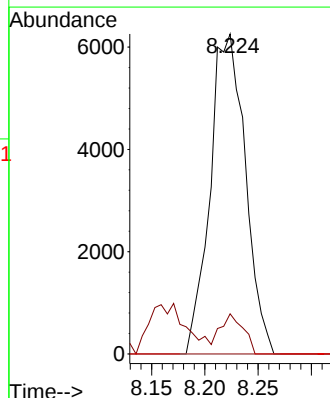
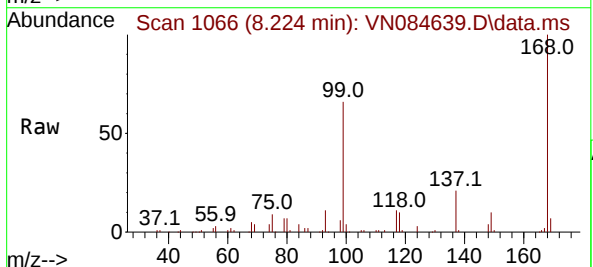
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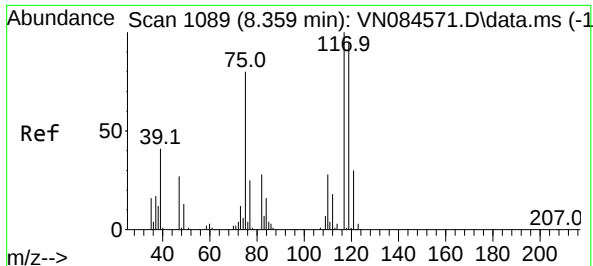
Tgt Ion:113 Resp: 100539
Ion Ratio Lower Upper
113 100
111 103.2 83.3 124.9
192 18.1 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.113 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084639.D
Acq: 01 Nov 2024 15:30

Tgt Ion: 75 Resp: 14387
Ion Ratio Lower Upper
75 100
110 8.2 16.9 50.7#
77 0.0 24.7 37.1#

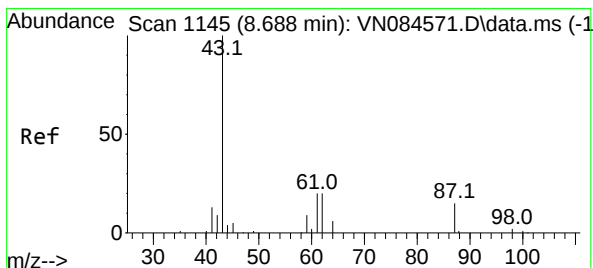
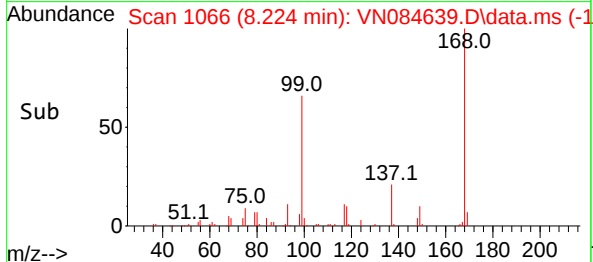
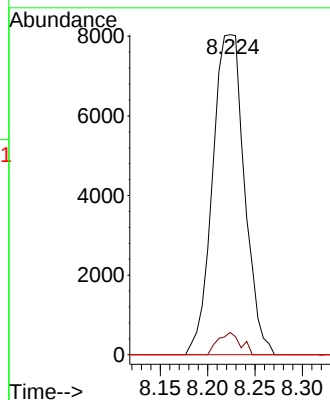
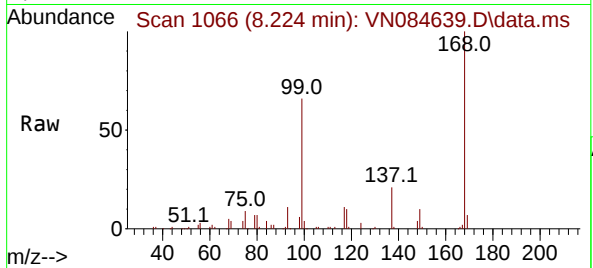




#38
Carbon Tetrachloride
Concen: 5.992 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN084639.D
Acq: 01 Nov 2024 15:30

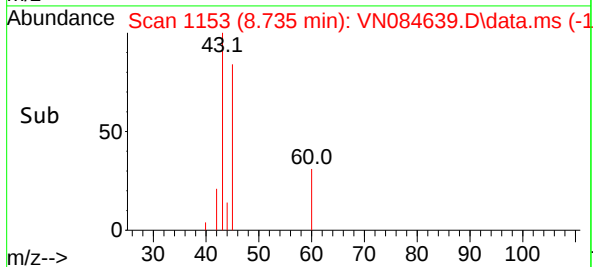
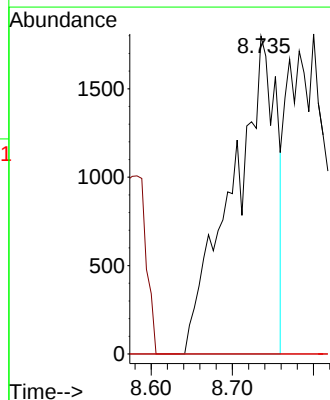
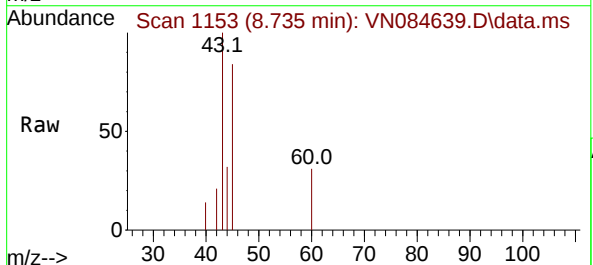
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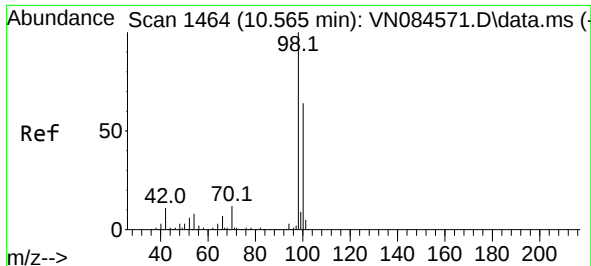
Tgt Ion: 117 Resp: 18846
Ion Ratio Lower Upper
117 100
119 6.9 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.484 ug/l
RT: 8.735 min Scan# 1153
Delta R.T. 0.047 min
Lab File: VN084639.D
Acq: 01 Nov 2024 15:30

Tgt Ion: 43 Resp: 6791
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

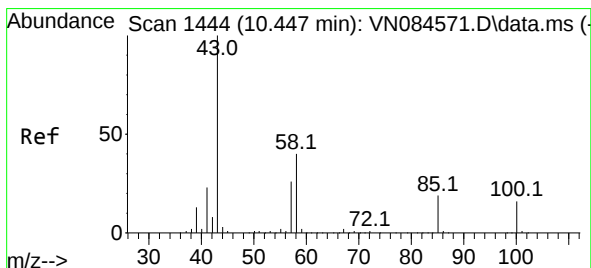
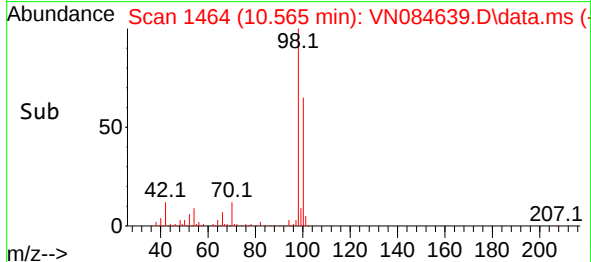
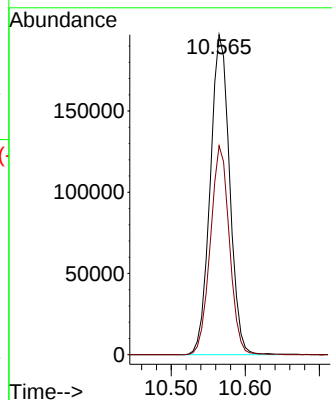
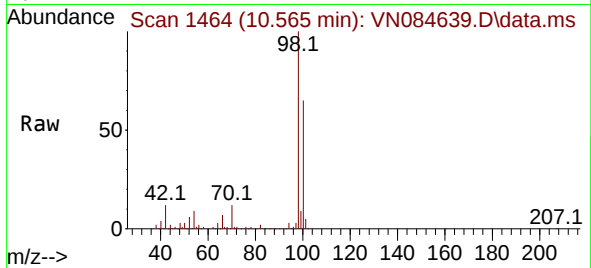




#50
Toluene-d8
Concen: 47.875 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084639.D
Acq: 01 Nov 2024 15:30

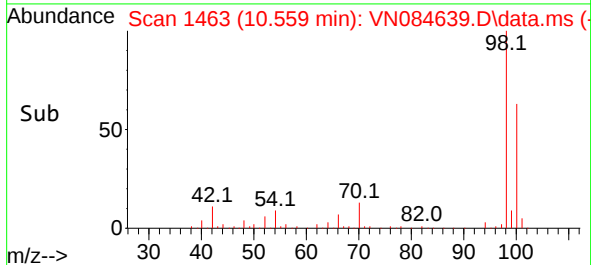
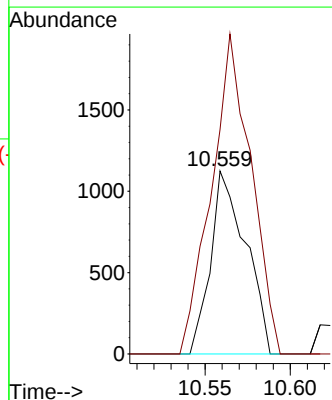
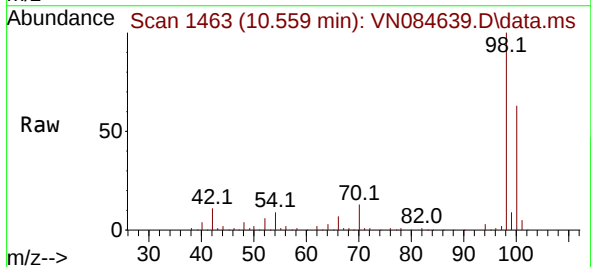
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-EB-20241030

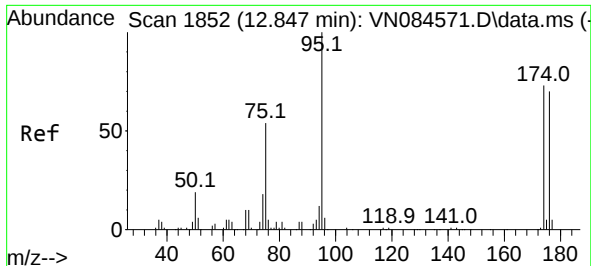
Tgt Ion: 98 Resp: 357815
Ion Ratio Lower Upper
98 100
100 64.1 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.662 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN084639.D
Acq: 01 Nov 2024 15:30

Tgt Ion: 43 Resp: 1612
Ion Ratio Lower Upper
43 100
58 197.2 31.6 47.4#

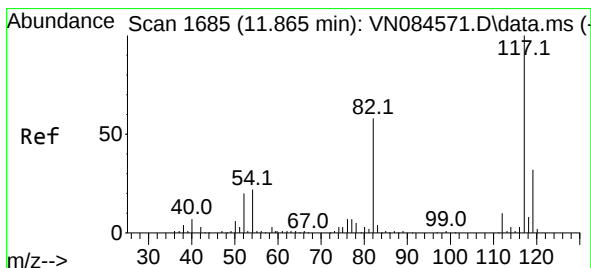
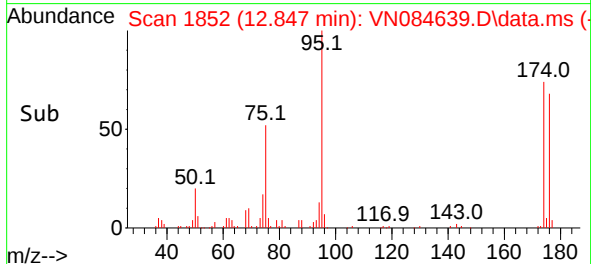
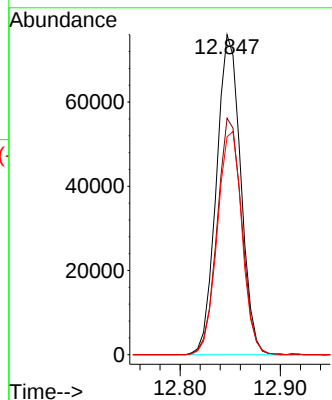
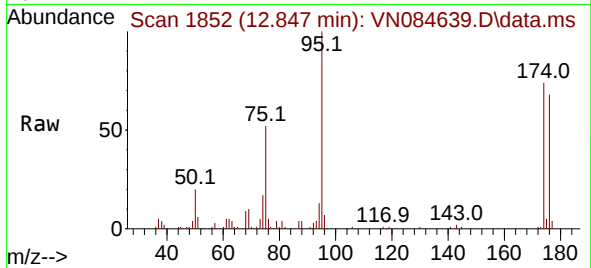




#62
4-Bromofluorobenzene
Concen: 45.713 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084639.D
Acq: 01 Nov 2024 15:30

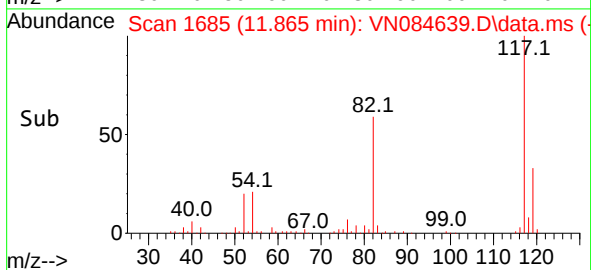
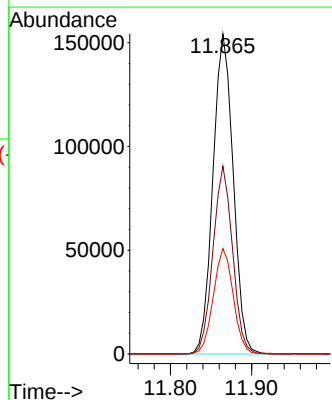
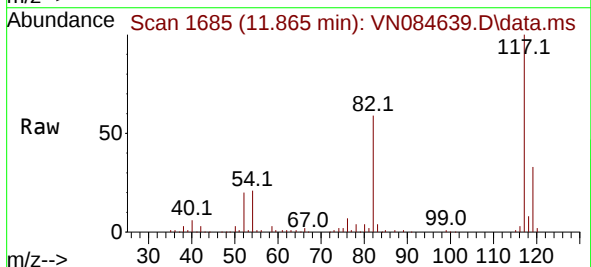
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-EB-20241030

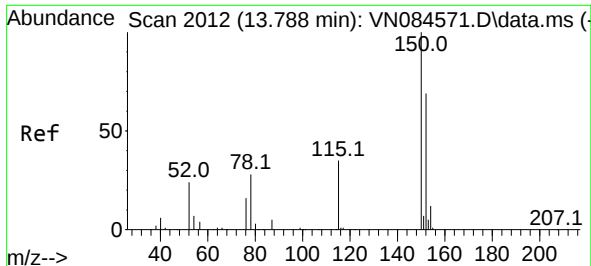
Tgt Ion: 95 Resp: 127690
Ion Ratio Lower Upper
95 100
174 75.1 0.0 145.2
176 71.2 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084639.D
Acq: 01 Nov 2024 15:30

Tgt Ion: 117 Resp: 267728
Ion Ratio Lower Upper
117 100
82 58.7 47.2 70.8
119 33.0 25.4 38.0

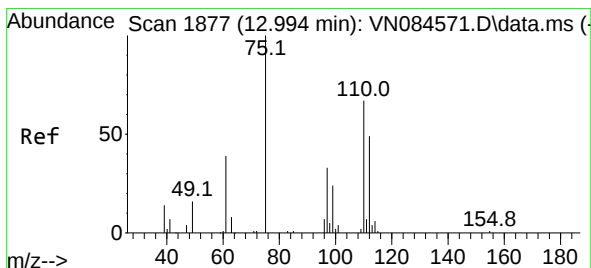
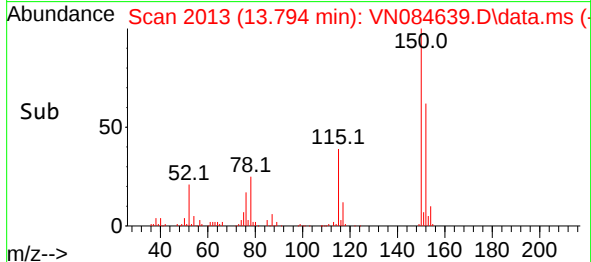
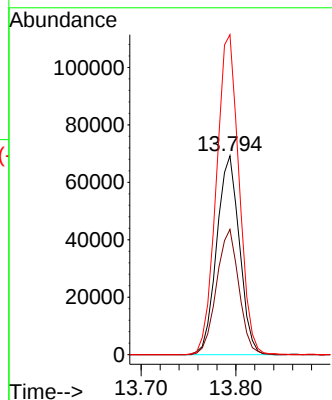
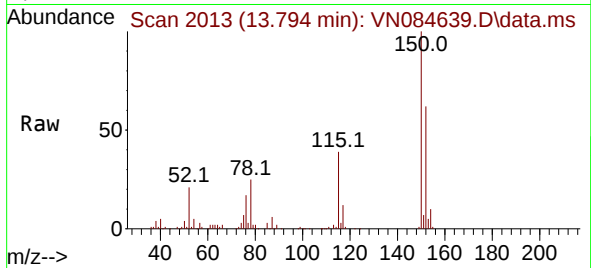




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2012
 Delta R.T. 0.006 min
 Lab File: VN084639.D
 Acq: 01 Nov 2024 15:30

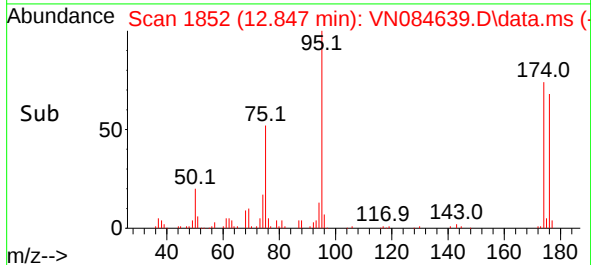
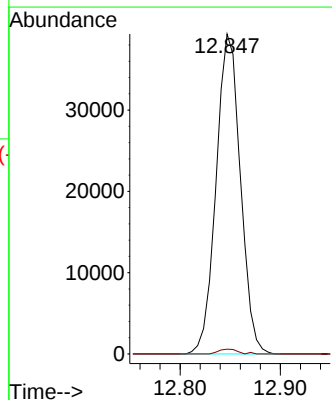
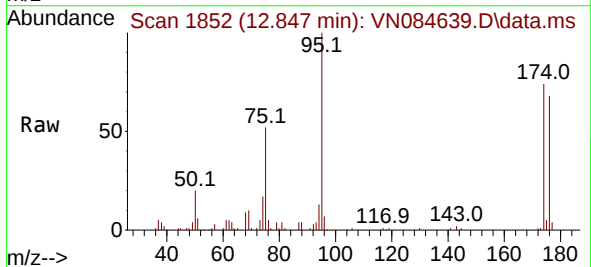
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-EB-20241030

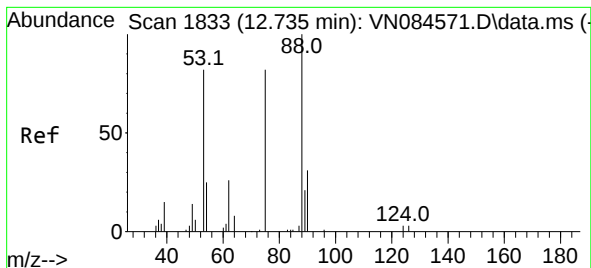
Tgt Ion:152 Resp: 115295
 Ion Ratio Lower Upper
 152 100
 115 62.1 31.3 93.9
 150 161.1 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 28.713 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084639.D
 Acq: 01 Nov 2024 15:30

Tgt Ion: 75 Resp: 66174
 Ion Ratio Lower Upper
 75 100
 77 1.2 96.9 290.7#

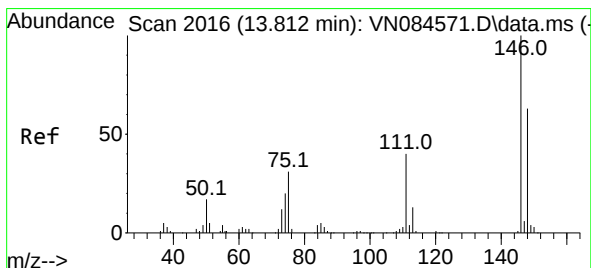
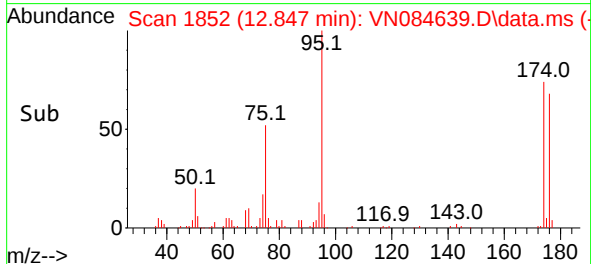
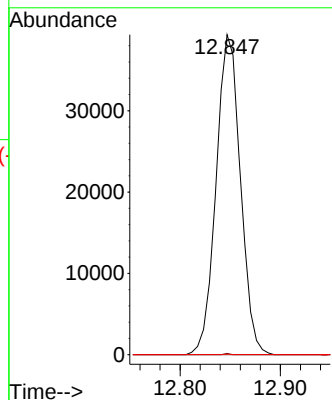
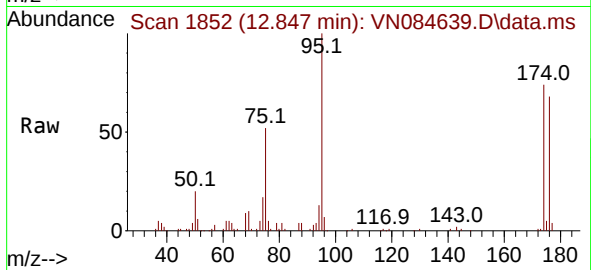




#81
trans-1,4-Dichloro-2-butene
Concen: 68.118 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN084639.D
Acq: 01 Nov 2024 15:30

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-EB-20241030

Tgt Ion: 75 Resp: 66174
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 35.5 53.3#



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.811 min Scan# 2016
Delta R.T. -0.001 min
Lab File: VN084639.D
Acq: 01 Nov 2024 15:30

Tgt Ion: 146 Resp: 204
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 181.9 31.9 95.9#

