

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
 Data File : VN076661.D
 Acq On : 14 Feb 2023 14:53
 Operator : JC\MD
 Sample : 01519-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW10-TB-20230707

Quant Time: Feb 14 15:17:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

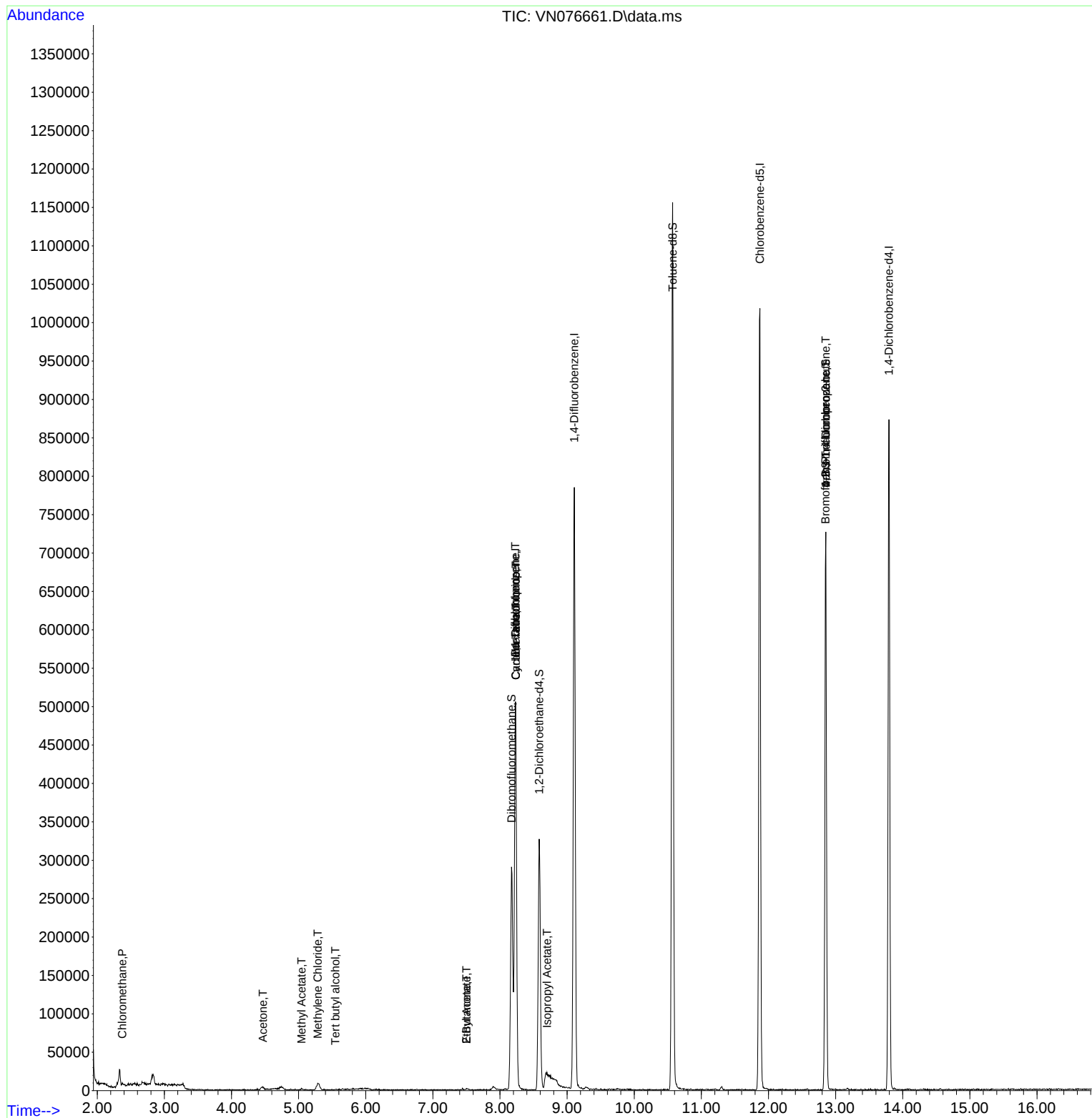
Internal Standards						
1) Pentafluorobenzene	8.230	168	358859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	646524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	570462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	224625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	254180	51.294	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.580%			
35) Dibromofluoromethane	8.172	113	199268	47.064	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.120%			
50) Toluene-d8	10.572	98	779104	49.273	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.540%			
62) 4-Bromofluorobenzene	12.854	95	232980	44.487	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.980%			
Target Compounds						Qvalue
3) Chloromethane	2.372	50	1431	0.288	ug/l	90
11) Tert butyl alcohol	5.548	59	350	0.535	ug/l #	84
16) Acetone	4.466	43	5840	2.638	ug/l #	82
18) Methyl Acetate	5.042	43	2101	0.291	ug/l #	70
20) Methylene Chloride	5.284	84	6287	1.355	ug/l	90
25) 2-Butanone	7.501	43	2734	0.837	ug/l	93
31) Cyclohexane	8.236	56	9721	1.251	ug/l #	33
36) 1,1-Dichloropropene	8.230	75	31266	5.111	ug/l #	49
37) Ethyl Acetate	7.501	43	2734	0.425	ug/l #	71
38) Carbon Tetrachloride	8.236	117	38390	6.221	ug/l #	15
43) Isopropyl Acetate	8.701	43	18566	1.773	ug/l #	60
71) Bromoform	12.848	173	1792	0.556	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	125729	27.686	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	125729	80.637	ug/l #	4

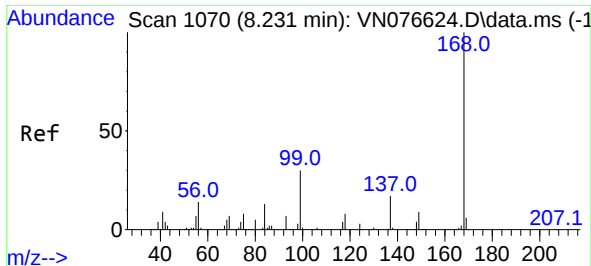
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 14 15:17:42 2023
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Quant Title : SW846 8260
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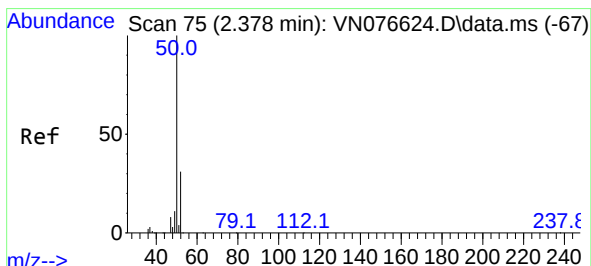
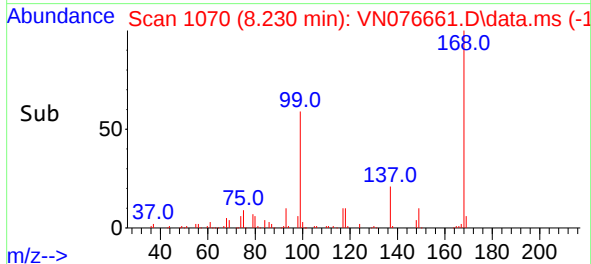
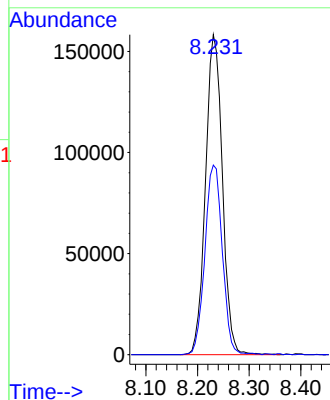
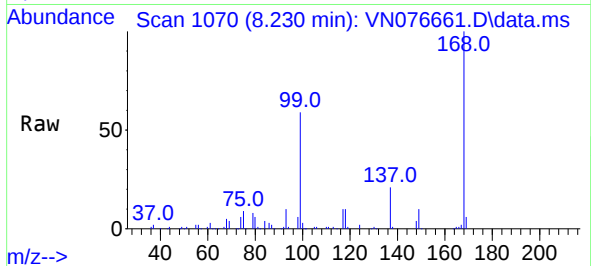




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN076661.D
Acq: 14 Feb 2023 14:53

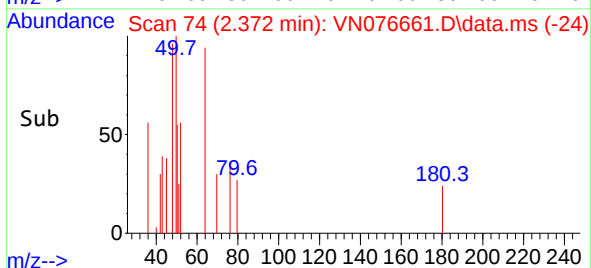
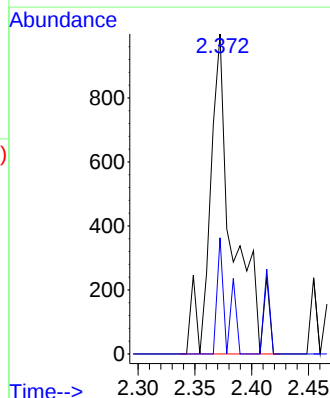
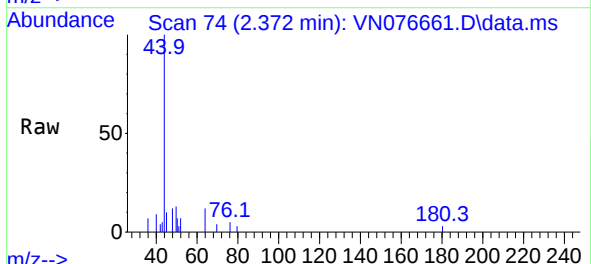
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-TB-20230707

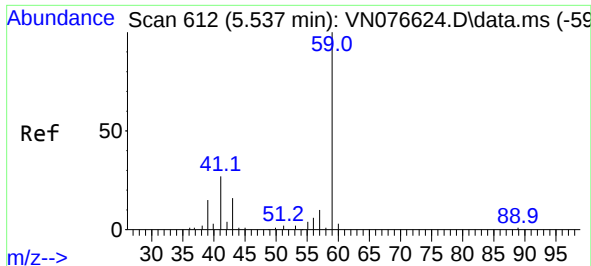
Tgt Ion:168 Resp: 358859
Ion Ratio Lower Upper
168 100
99 59.3 44.8 67.2



#3
Chloromethane
Concen: 0.288 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN076661.D
Acq: 14 Feb 2023 14:53

Tgt Ion: 50 Resp: 1431
Ion Ratio Lower Upper
50 100
52 36.3 24.7 37.1

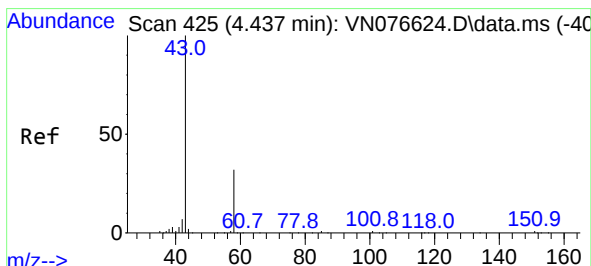
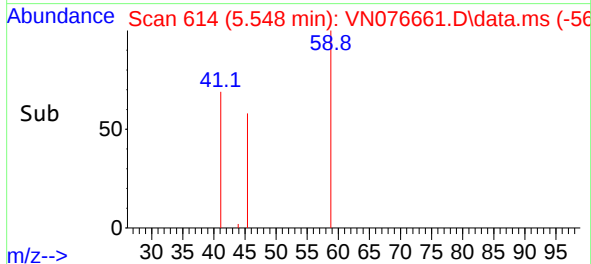
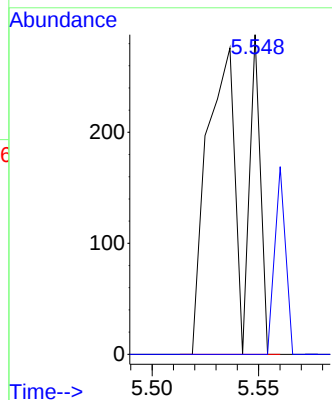
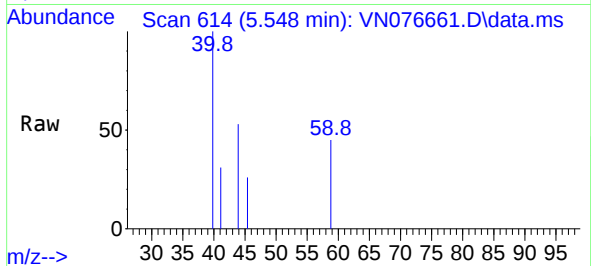




#11
Tert butyl alcohol
Concen: 0.535 ug/l
RT: 5.548 min Scan# 612
Delta R.T. 0.012 min
Lab File: VN076661.D
Acq: 14 Feb 2023 14:53

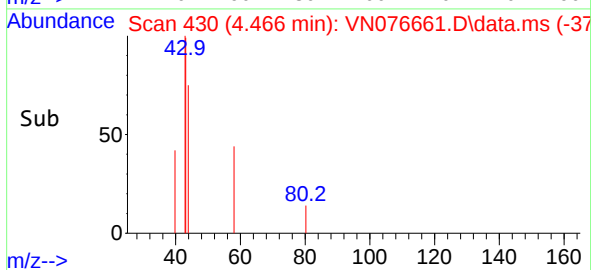
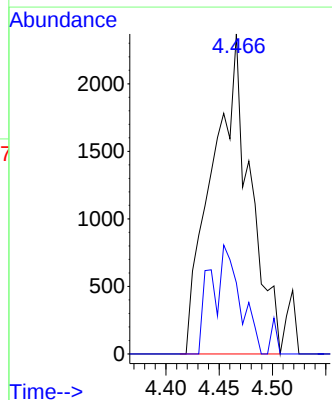
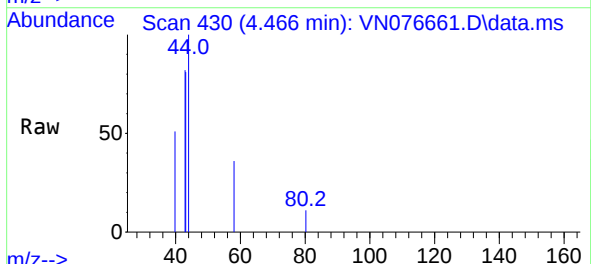
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-TB-20230707

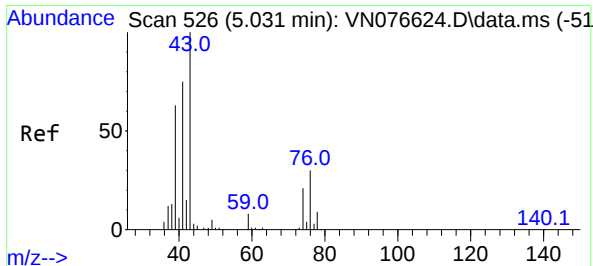
Tgt Ion: 59 Resp: 350
Ion Ratio Lower Upper
59 100
57 17.1 8.7 13.1#



#16
Acetone
Concen: 2.638 ug/l
RT: 4.466 min Scan# 430
Delta R.T. 0.029 min
Lab File: VN076661.D
Acq: 14 Feb 2023 14:53

Tgt Ion: 43 Resp: 5840
Ion Ratio Lower Upper
43 100
58 22.2 25.9 38.9#

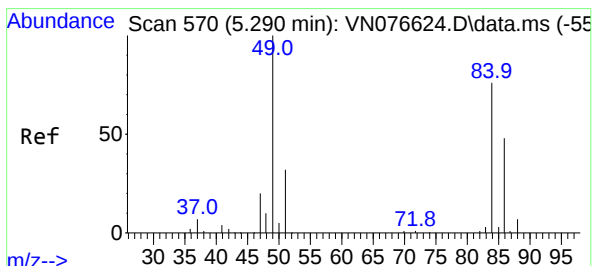
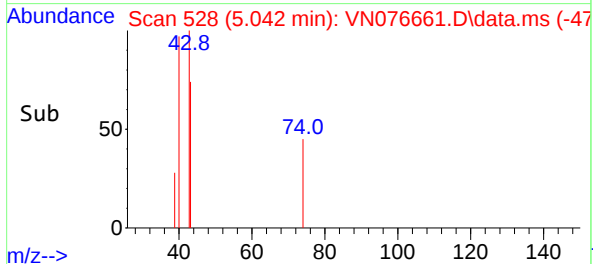
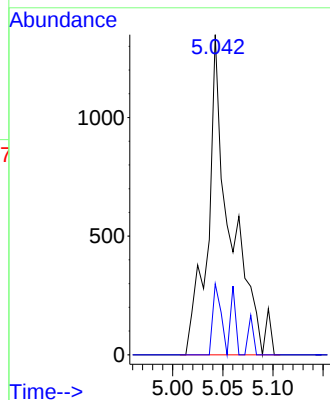
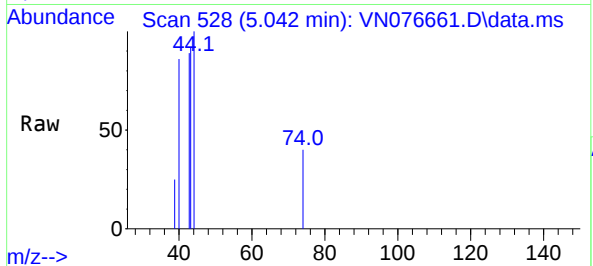




#18
Methyl Acetate
Concen: 0.291 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN076661.D
Acq: 14 Feb 2023 14:53

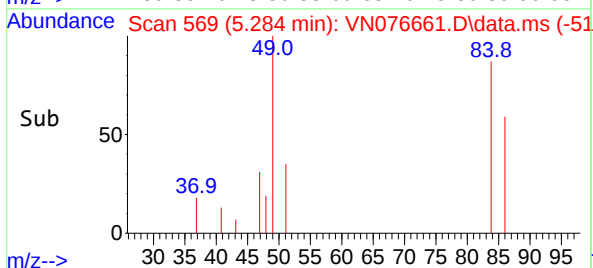
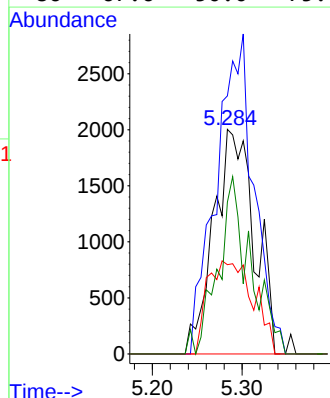
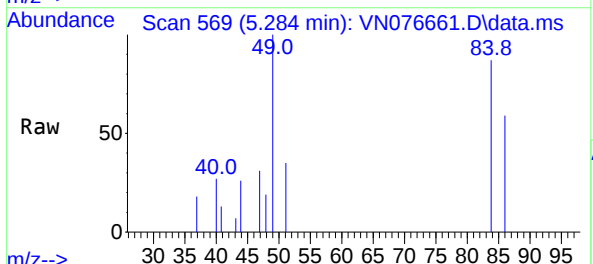
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-TB-20230707

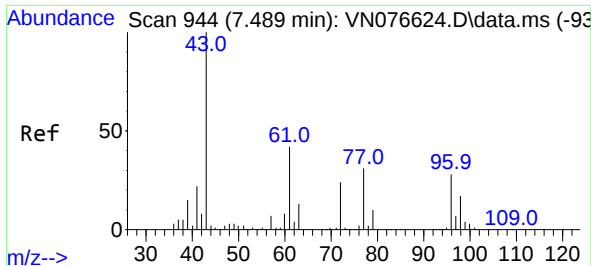
Tgt Ion: 43 Resp: 2101
Ion Ratio Lower Upper
43 100
74 8.0 17.7 26.5#



#20
Methylene Chloride
Concen: 1.355 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN076661.D
Acq: 14 Feb 2023 14:53

Tgt Ion: 84 Resp: 6287
Ion Ratio Lower Upper
84 100
49 114.9 104.9 157.3
51 39.8 33.8 50.8
86 67.6 50.0 75.0

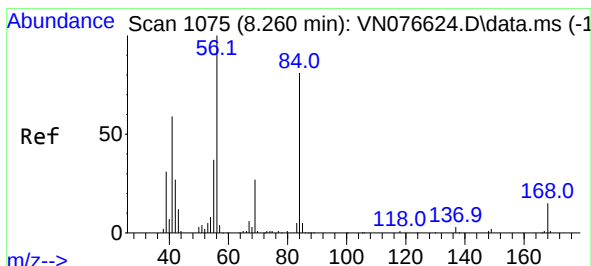
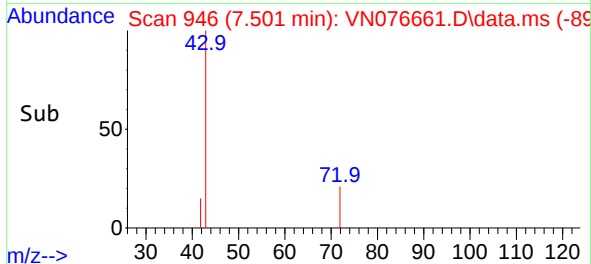
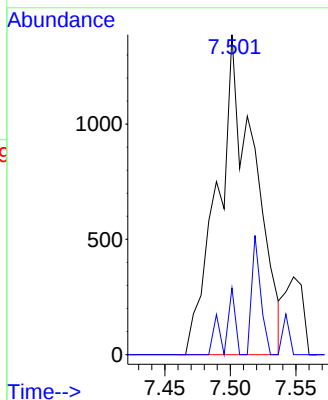
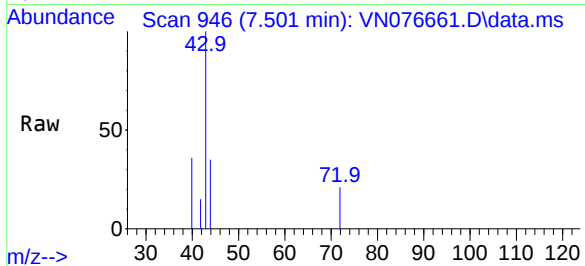




#25
2-Butanone
Concen: 0.837 ug/l
RT: 7.501 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN076661.D
Acq: 14 Feb 2023 14:53

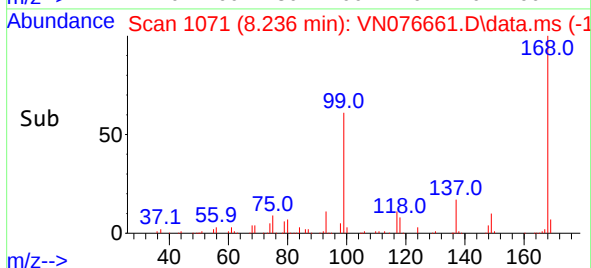
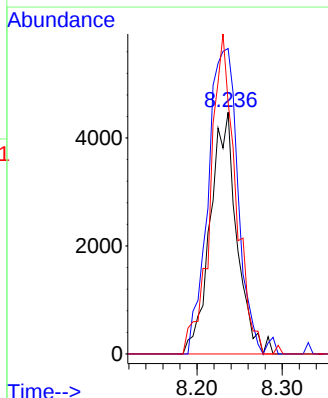
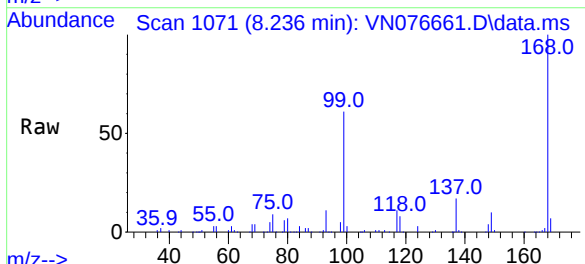
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-TB-20230707

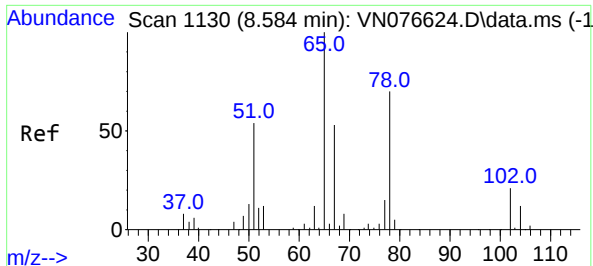
Tgt Ion: 43 Resp: 2734
Ion Ratio Lower Upper
43 100
72 20.8 19.4 29.2



#31
Cyclohexane
Concen: 1.251 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.024 min
Lab File: VN076661.D
Acq: 14 Feb 2023 14:53

Tgt Ion: 56 Resp: 9721
Ion Ratio Lower Upper
56 100
69 126.4 21.6 32.4#
84 104.1 65.1 97.7#

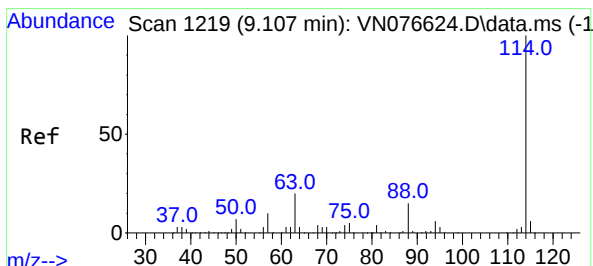
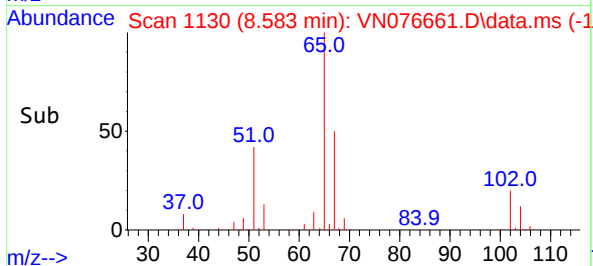
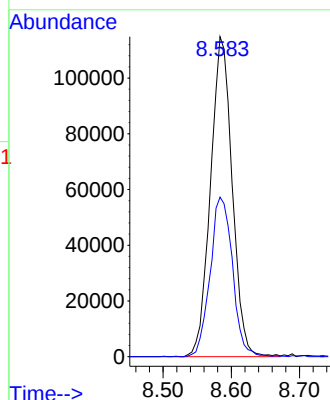
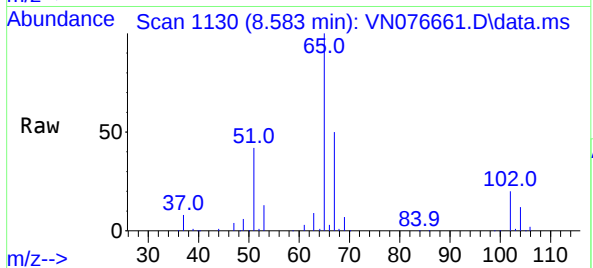




#33
1,2-Dichloroethane-d4
Concen: 51.294 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076661.D
Acq: 14 Feb 2023 14:53

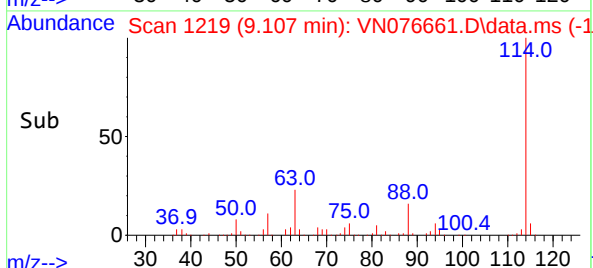
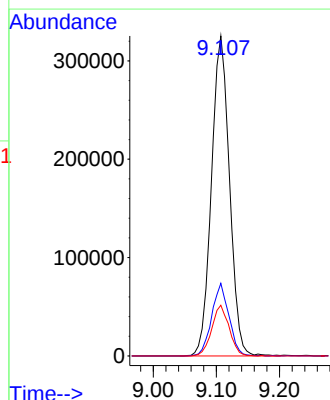
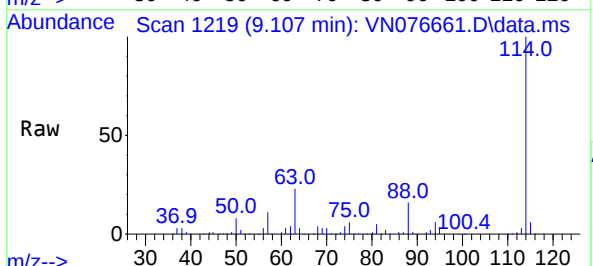
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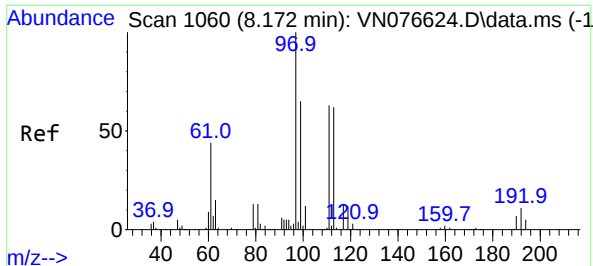
Tgt Ion: 65 Resp: 254180
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076661.D
Acq: 14 Feb 2023 14:53

Tgt Ion: 114 Resp: 646524
Ion Ratio Lower Upper
114 100
63 22.7 0.0 40.0
88 15.8 0.0 29.6

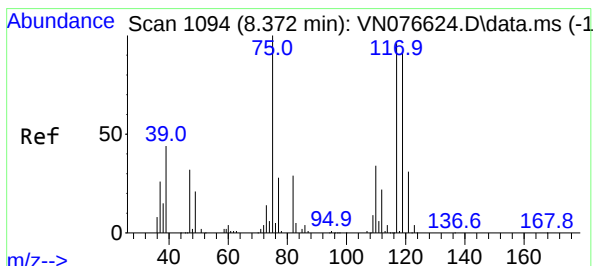
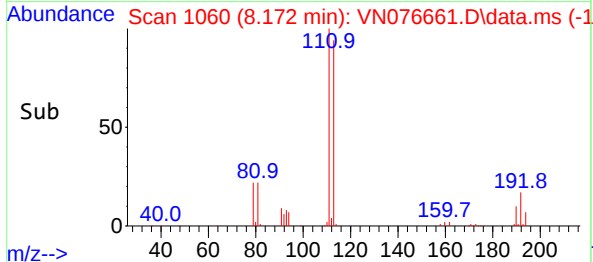
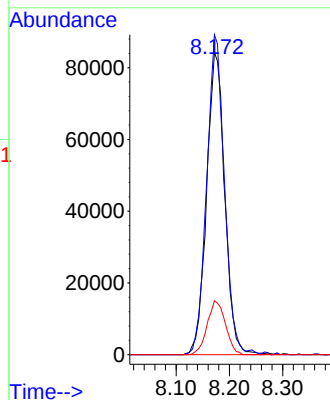
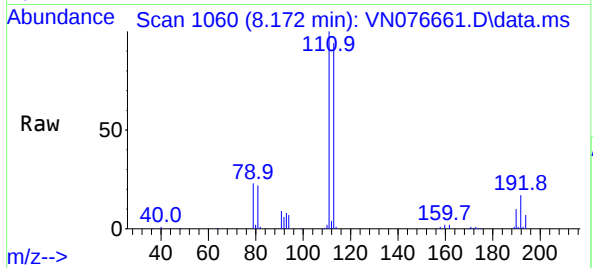




#35
Dibromofluoromethane
Concen: 47.064 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076661.D
Acq: 14 Feb 2023 14:53

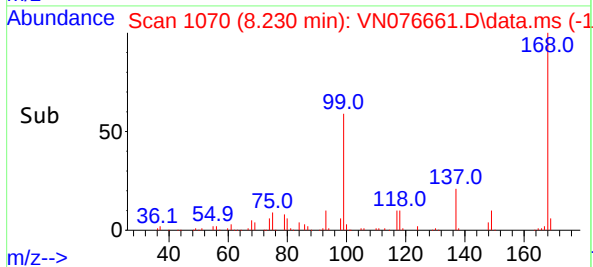
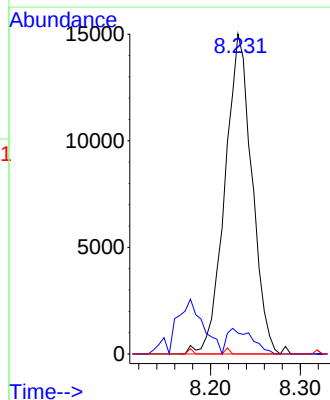
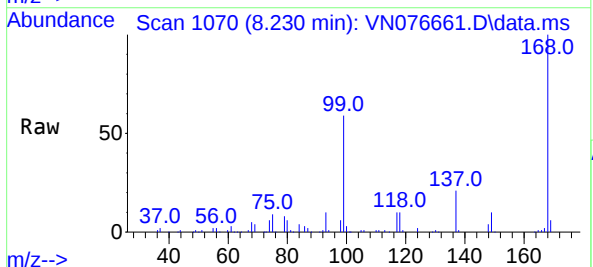
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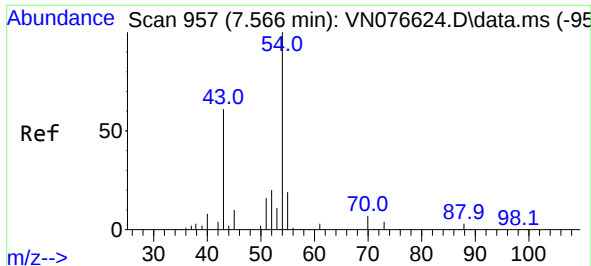
Tgt Ion:113 Resp: 199268
Ion Ratio Lower Upper
113 100
111 103.6 83.1 124.7
192 17.9 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.111 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.141 min
Lab File: VN076661.D
Acq: 14 Feb 2023 14:53

Tgt Ion: 75 Resp: 31266
Ion Ratio Lower Upper
75 100
110 7.4 17.5 52.5#
77 0.3 24.5 36.7#

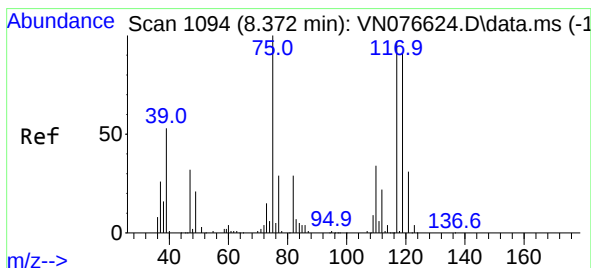
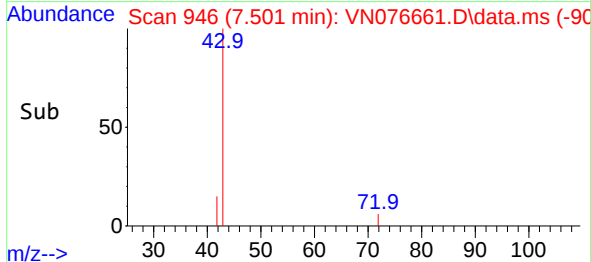
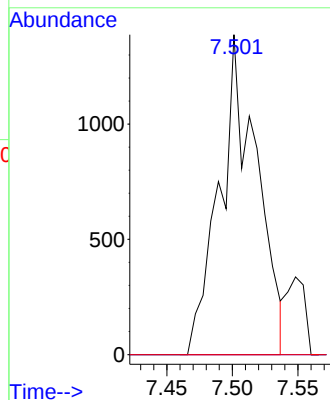
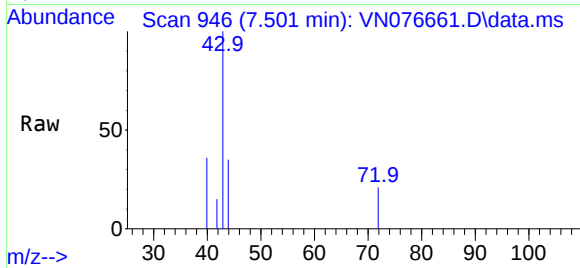




#37
Ethyl Acetate
Concen: 0.425 ug/l
RT: 7.501 min Scan# 946
Delta R.T. -0.065 min
Lab File: VN076661.D
Acq: 14 Feb 2023 14:53

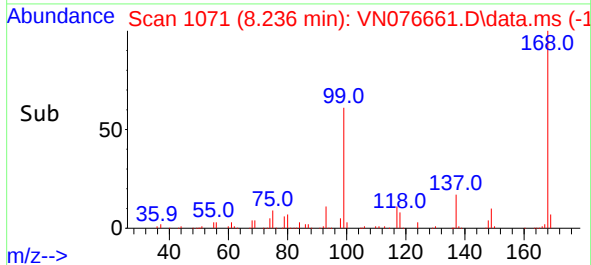
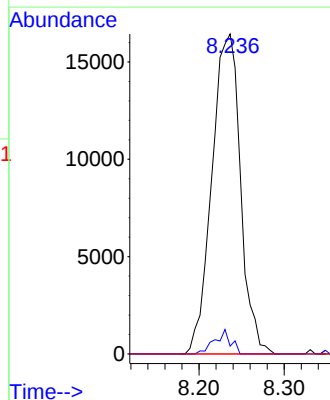
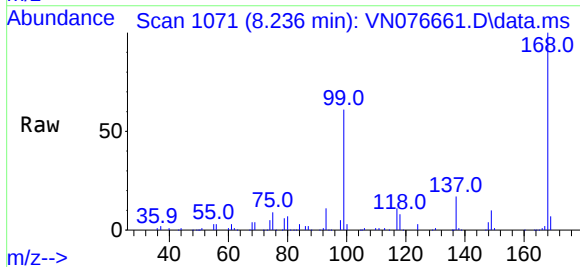
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-TB-20230707

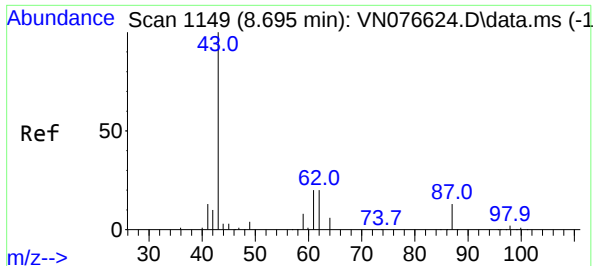
Tgt Ion:	43	Resp:	2734
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.9	14.9#
70	0.0	7.8	11.6#



#38
Carbon Tetrachloride
Concen: 6.221 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.135 min
Lab File: VN076661.D
Acq: 14 Feb 2023 14:53

Tgt Ion:	117	Resp:	38390
Ion	Ratio	Lower	Upper
117	100		
119	2.5	75.4	113.0#
121	0.0	26.0	39.0#

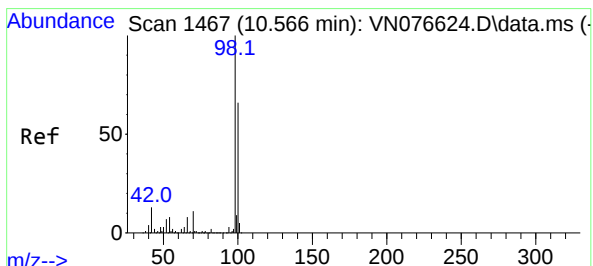
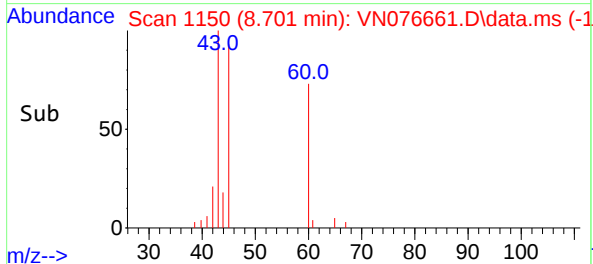
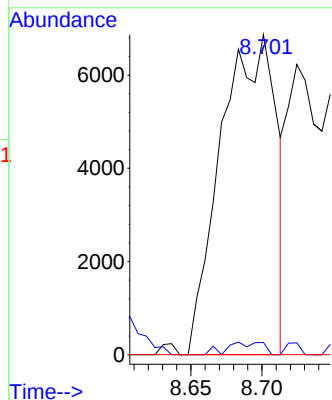
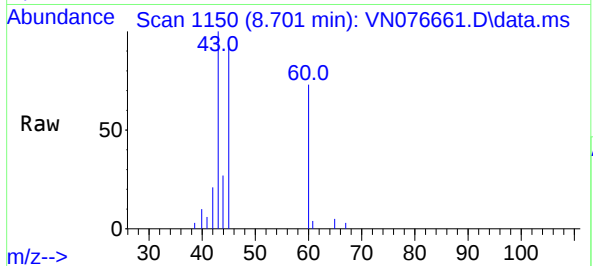




#43
Isopropyl Acetate
Concen: 1.773 ug/l
RT: 8.701 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN076661.D
Acq: 14 Feb 2023 14:53

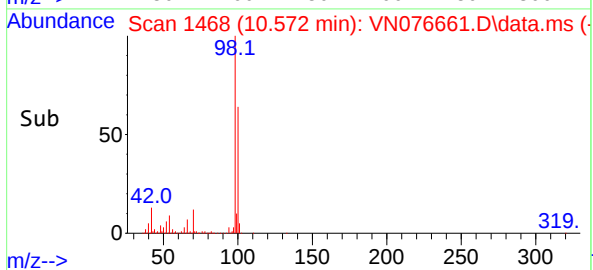
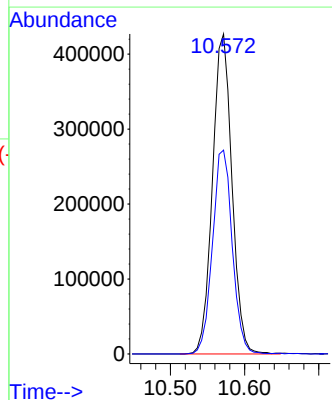
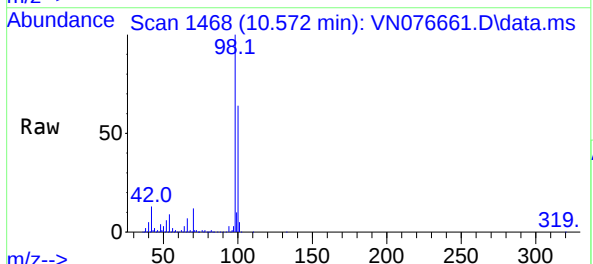
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-TB-20230707

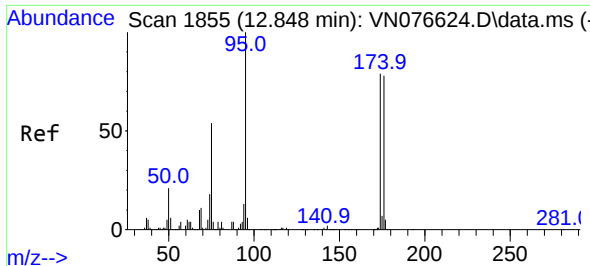
Tgt Ion: 43 Resp: 18566
Ion Ratio Lower Upper
43 100
61 2.6 20.0 30.0#
87 0.0 9.9 14.9#



#50
Toluene-d8
Concen: 49.273 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076661.D
Acq: 14 Feb 2023 14:53

Tgt Ion: 98 Resp: 779104
Ion Ratio Lower Upper
98 100
100 64.7 52.9 79.3

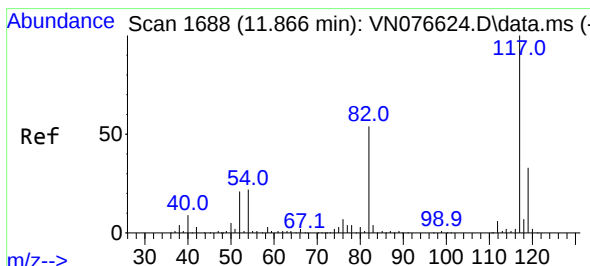
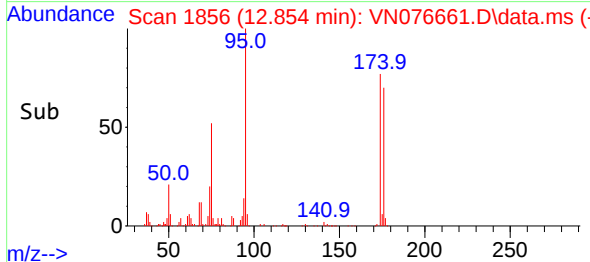
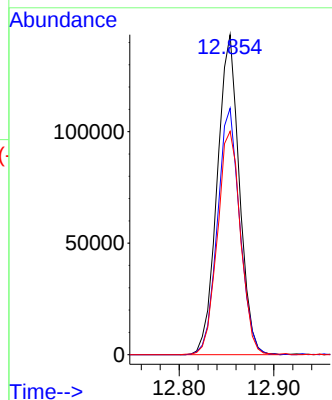
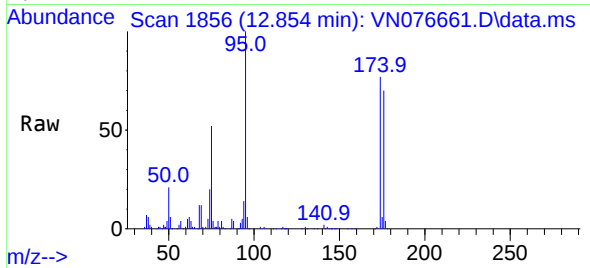




#62
4-Bromofluorobenzene
Concen: 44.487 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076661.D
Acq: 14 Feb 2023 14:53

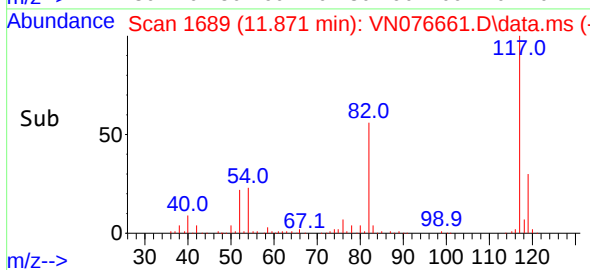
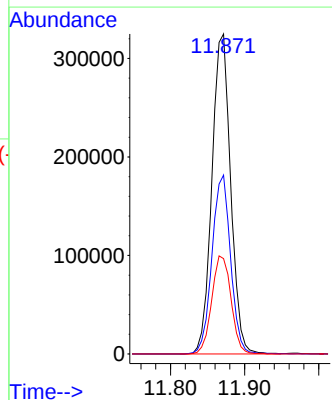
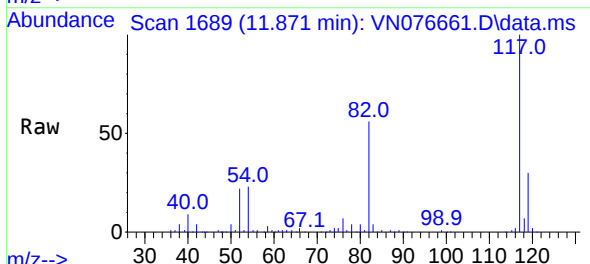
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW10-TB-20230707

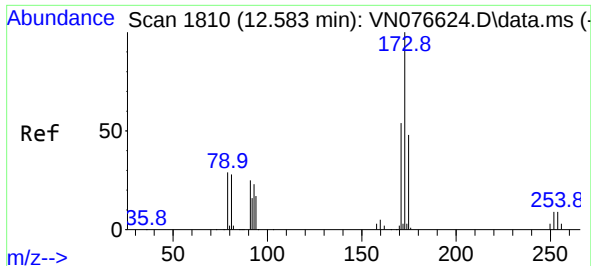
Tgt Ion: 95 Resp: 232980
Ion Ratio Lower Upper
95 100
174 77.7 0.0 169.2
176 72.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076661.D
Acq: 14 Feb 2023 14:53

Tgt Ion: 117 Resp: 570462
Ion Ratio Lower Upper
117 100
82 55.9 43.4 65.2
119 29.8 26.1 39.1

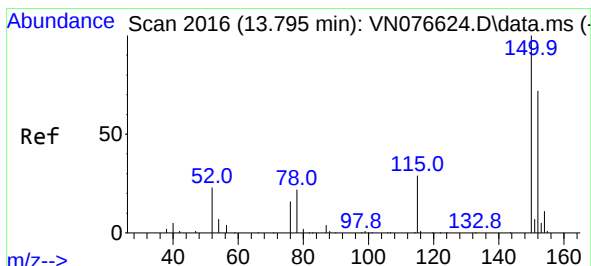
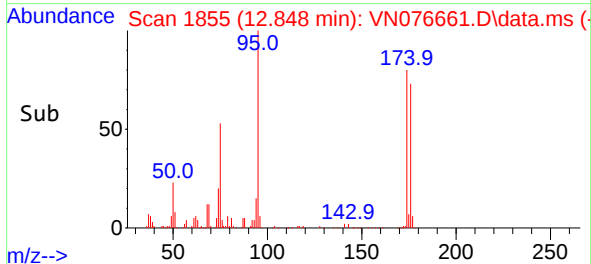
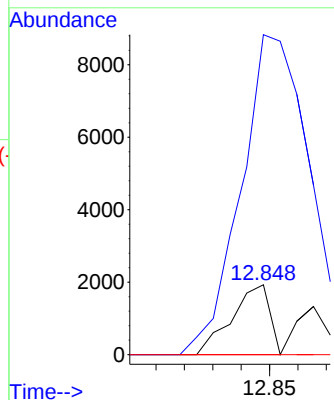
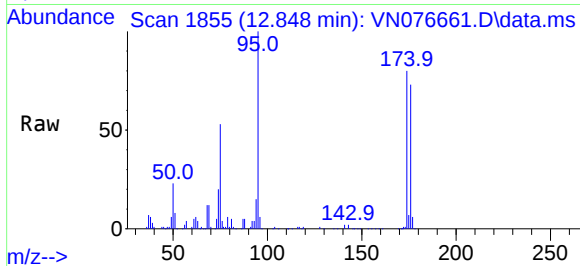




#71
Bromoform
Concen: 0.556 ug/l
RT: 12.848 min Scan# 1810
Delta R.T. 0.265 min
Lab File: VN076661.D
Acq: 14 Feb 2023 14:53

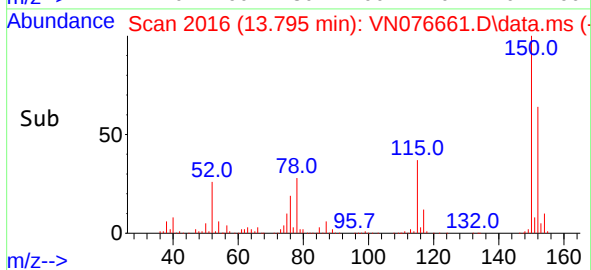
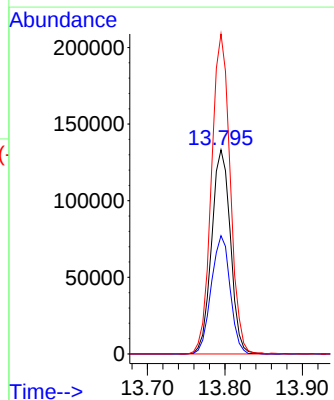
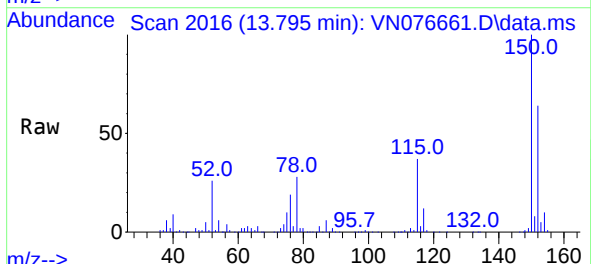
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW10-TB-20230707

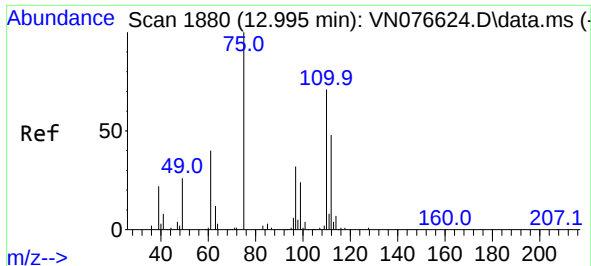
Tgt Ion:173 Resp: 1792
Ion Ratio Lower Upper
173 100
175 682.2 24.9 74.7#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076661.D
Acq: 14 Feb 2023 14:53

Tgt Ion:152 Resp: 224625
Ion Ratio Lower Upper
152 100
115 58.3 29.3 87.9
150 155.8 0.0 349.8

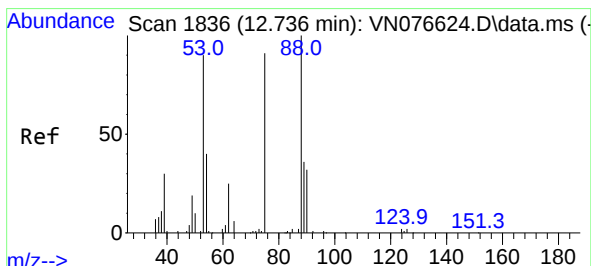
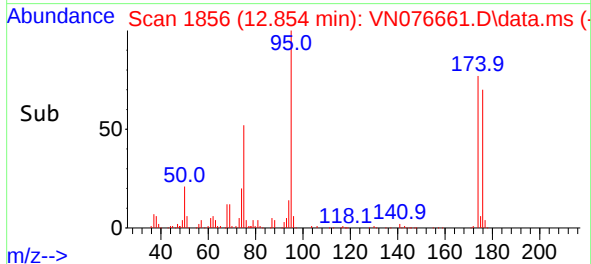
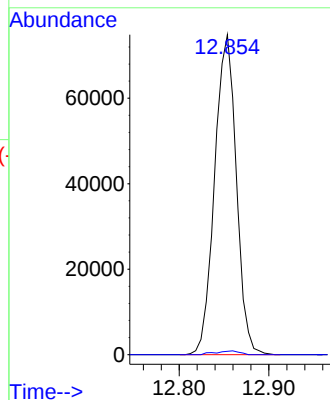
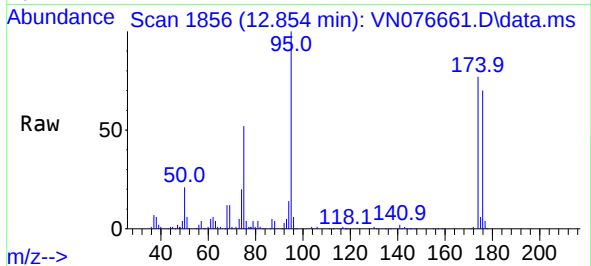




#76
1,2,3-Trichloropropane
Concen: 27.686 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN076661.D
Acq: 14 Feb 2023 14:53

Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW10-TB-20230707

Tgt Ion: 75 Resp: 125729
Ion Ratio Lower Upper
75 100
77 1.3 93.1 279.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.637 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN076661.D
Acq: 14 Feb 2023 14:53

Tgt Ion: 75 Resp: 125729
Ion Ratio Lower Upper
75 100
53 0.0 92.1 138.1#
89 0.3 37.5 56.3#

