

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074560.D
 Acq On : 17 Sep 2022 16:53
 Operator : JC\MD
 Sample : N4688-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-TB-20220914

Quant Time: Sep 19 02:56:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

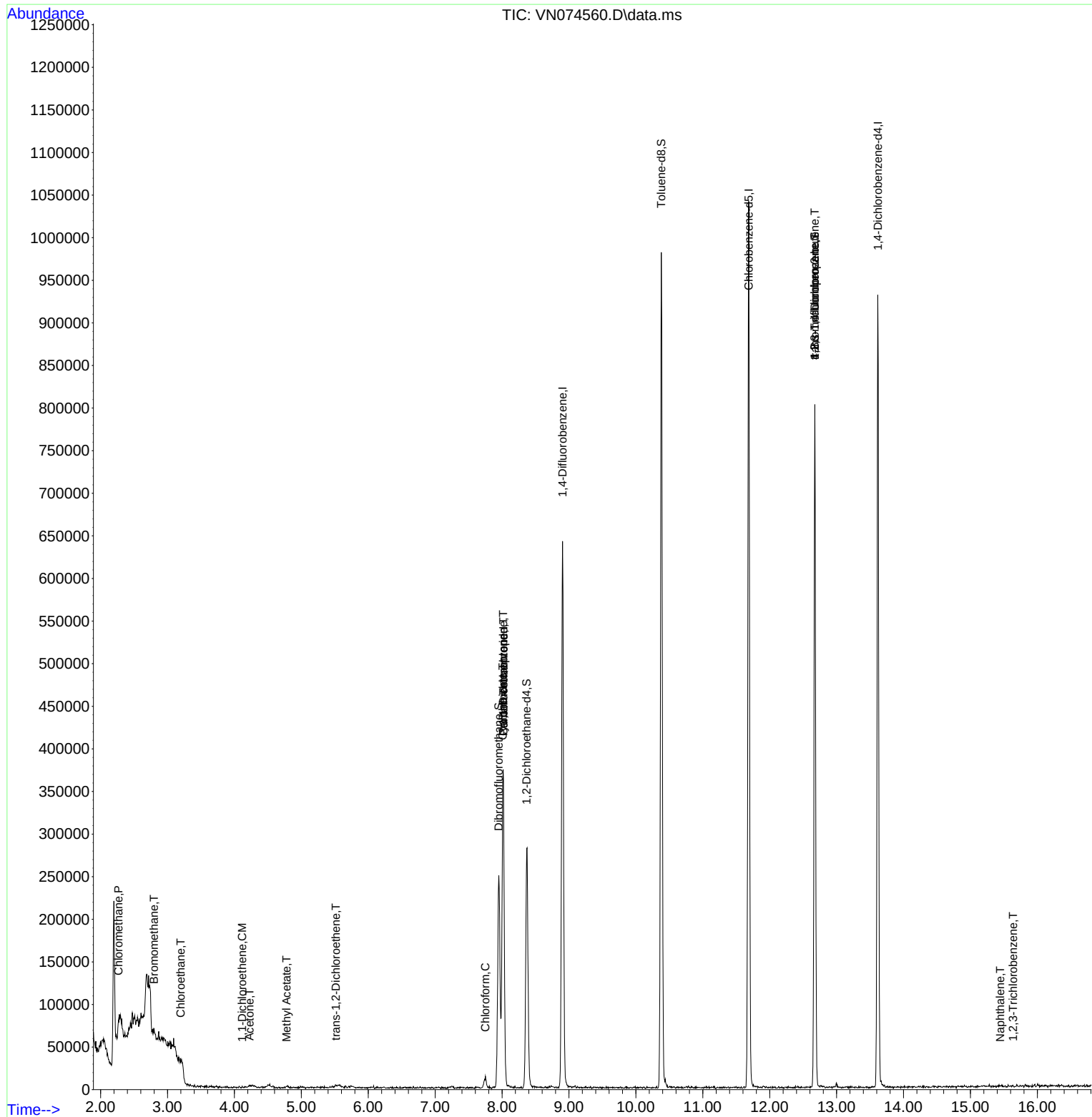
Internal Standards						
1) Pentafluorobenzene	8.022	168	269418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	513116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	521977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	214842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	216562	47.374	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.740%		
35) Dibromofluoromethane	7.951	113	174415	51.170	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.340%		
50) Toluene-d8	10.380	98	639918	48.545	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.080%		
62) 4-Bromofluorobenzene	12.674	95	237605	52.628	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.260%		
Target Compounds						Qvalue
3) Chloromethane	2.269	50	2155	0.693	ug/l #	79
5) Bromomethane	2.799	94	1285	0.462	ug/l #	17
6) Chloroethane	3.199	64	1352	0.375	ug/l #	42
12) 1,1-Dichloroethene	4.116	96	333	0.777	ug/l #	1
16) Acetone	4.228	43	2516	0.860	ug/l #	78
18) Methyl Acetate	4.781	43	2386	0.263	ug/l #	64
21) trans-1,2-Dichloroethene	5.516	96	126	0.461	ug/l #	1
28) Bromochloromethane	7.545	49	58	Below Cal	#	8
30) Chloroform	7.751	83	10213	1.301	ug/l	96
31) Cyclohexane	8.010	56	9244	1.139	ug/l #	60
36) 1,1-Dichloropropene	8.016	75	27111	4.494	ug/l #	48
38) Carbon Tetrachloride	8.022	117	27816	4.994	ug/l #	16
76) 1,2,3-Trichloropropane	12.674	75	143120	21.642	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	143120	46.711	ug/l #	10
95) Naphthalene	15.445	128	713	1.627	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.639	180	145	1.369	ug/l #	12

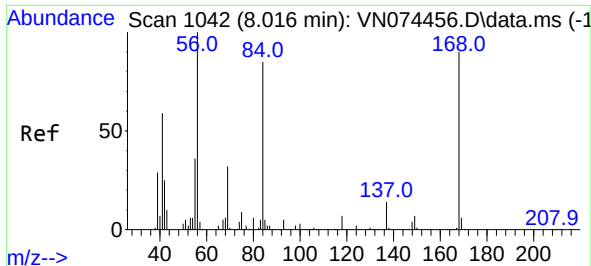
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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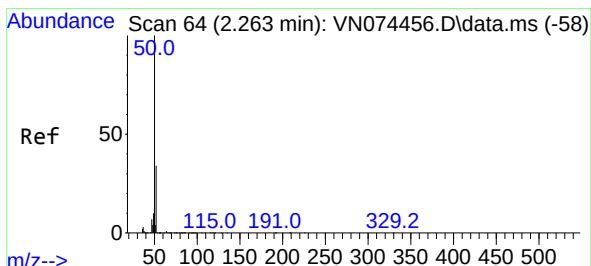
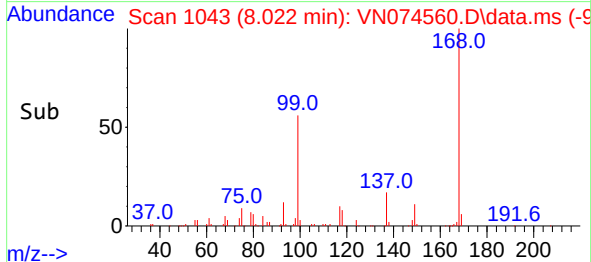
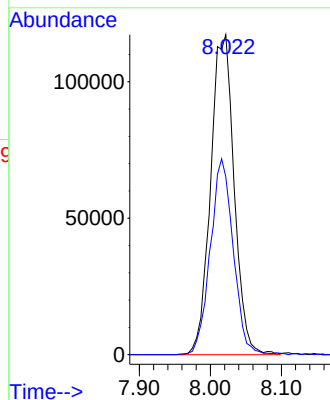
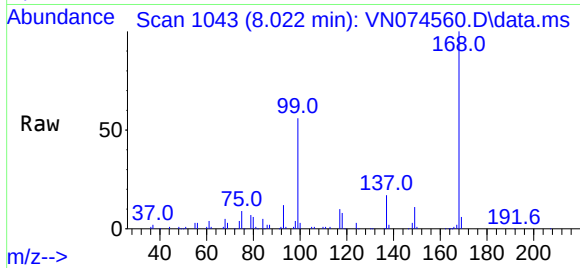




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN074560.D
Acq: 17 Sep 2022 16:53

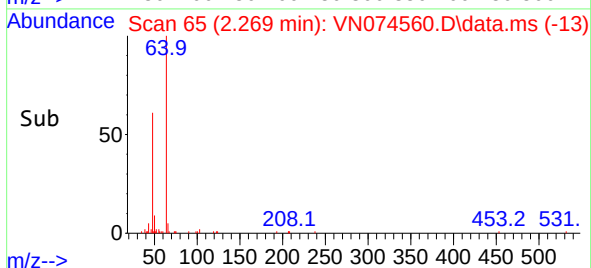
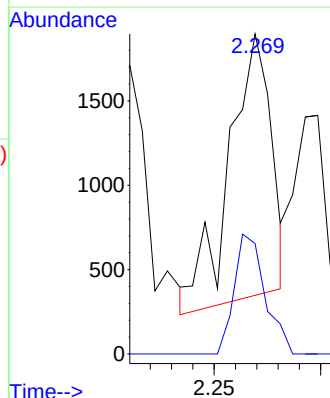
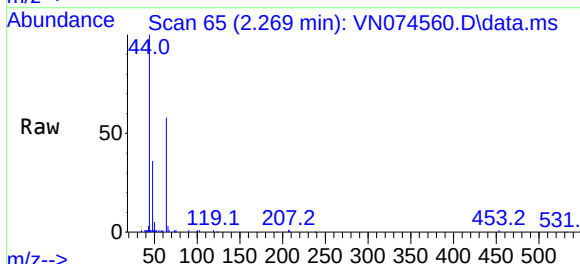
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-TB-20220914

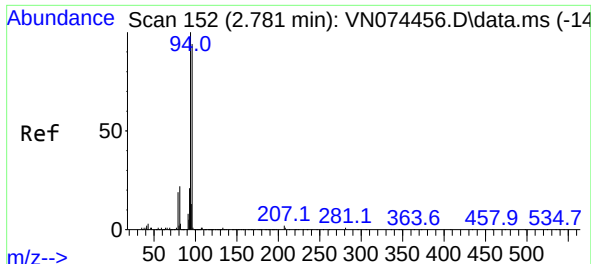
Tgt Ion:168 Resp: 269418
Ion Ratio Lower Upper
168 100
99 55.4 42.3 63.5



#3
Chloromethane
Concen: 0.693 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN074560.D
Acq: 17 Sep 2022 16:53

Tgt Ion: 50 Resp: 2155
Ion Ratio Lower Upper
50 100
52 43.6 25.7 38.5#

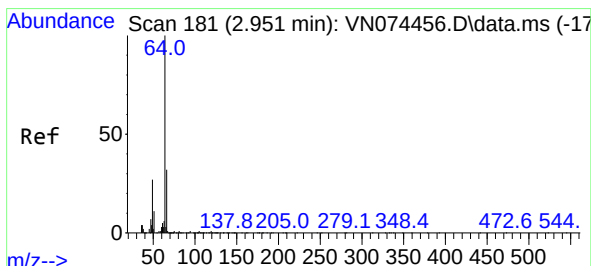
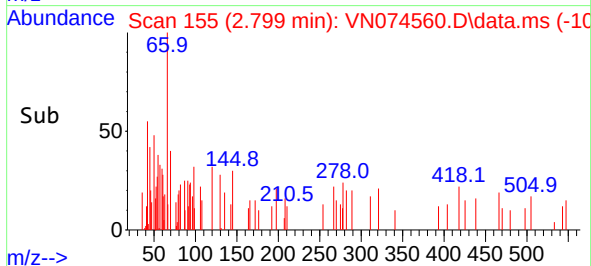
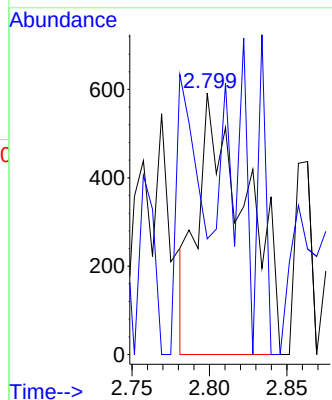
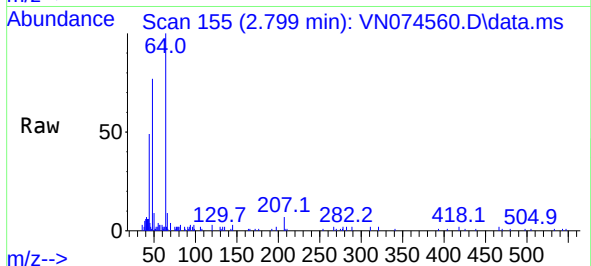




#5
Bromomethane
Concen: 0.462 ug/l
RT: 2.799 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN074560.D
Acq: 17 Sep 2022 16:53

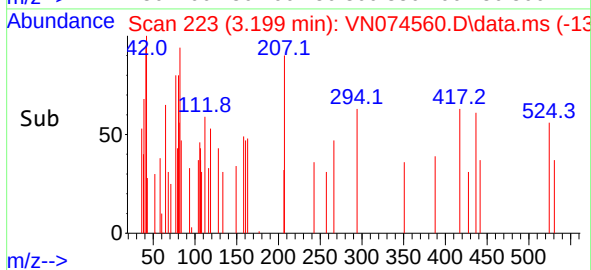
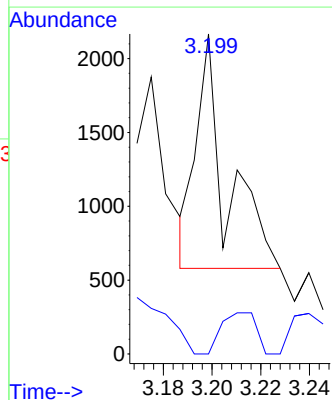
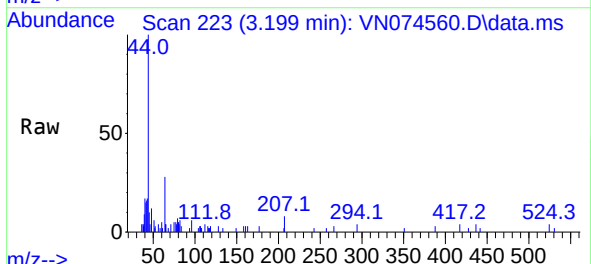
Instrument :
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ClientSampleId :
BP-VPB-RW5-TB-20220914

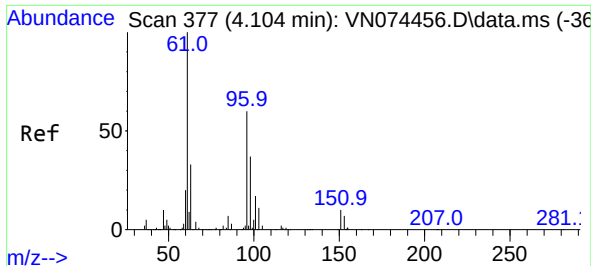
Tgt Ion: 94 Resp: 1285
Ion Ratio Lower Upper
94 100
96 14.9 76.0 114.0#



#6
Chloroethane
Concen: 0.375 ug/l
RT: 3.199 min Scan# 223
Delta R.T. 0.248 min
Lab File: VN074560.D
Acq: 17 Sep 2022 16:53

Tgt Ion: 64 Resp: 1352
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

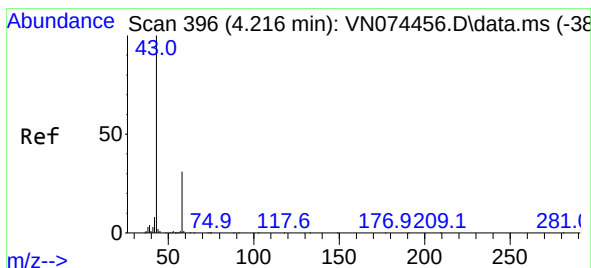
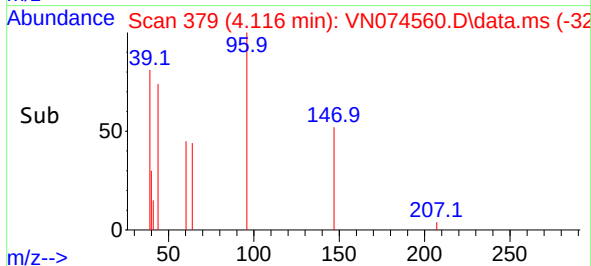
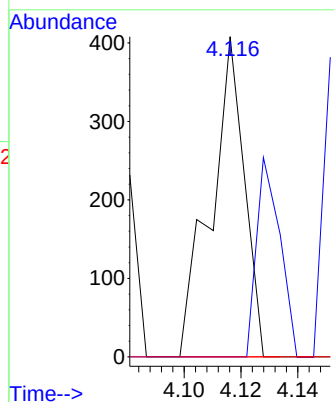
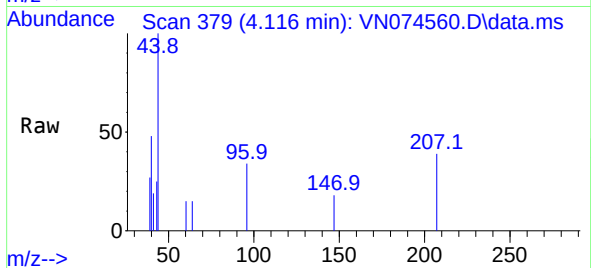




#12
1,1-Dichloroethene
Concen: 0.777 ug/l
RT: 4.116 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN074560.D
Acq: 17 Sep 2022 16:53

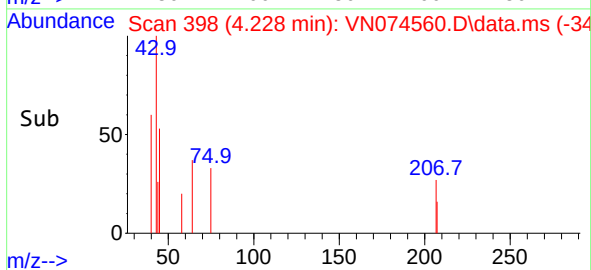
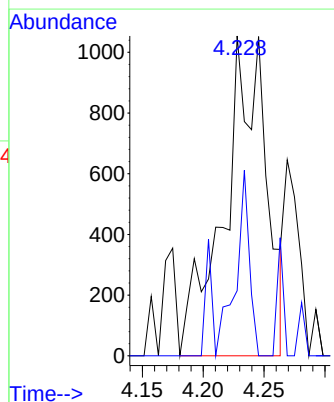
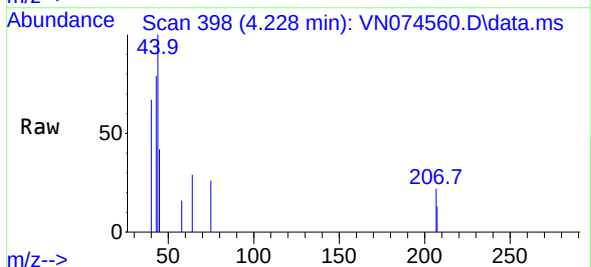
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-TB-20220914

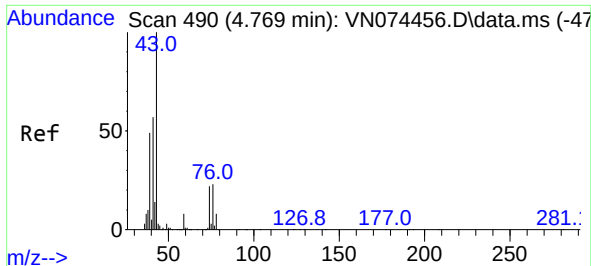
Tgt Ion: 96 Resp: 333
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#



#16
Acetone
Concen: 0.860 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.012 min
Lab File: VN074560.D
Acq: 17 Sep 2022 16:53

Tgt Ion: 43 Resp: 2516
Ion Ratio Lower Upper
43 100
58 20.4 26.0 39.0#

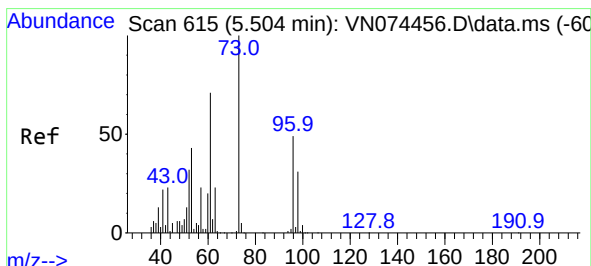
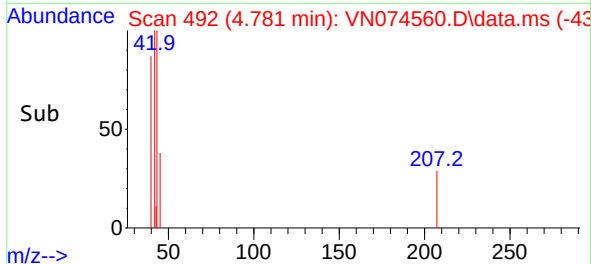
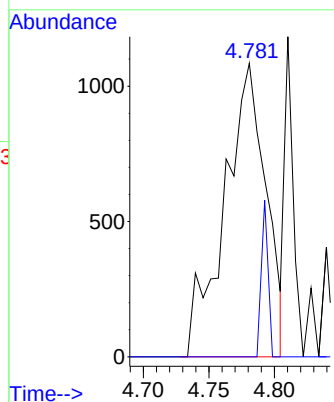
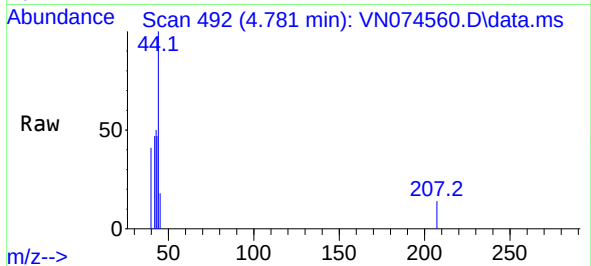




#18
Methyl Acetate
Concen: 0.263 ug/l
RT: 4.781 min Scan# 491
Delta R.T. 0.012 min
Lab File: VN074560.D
Acq: 17 Sep 2022 16:53

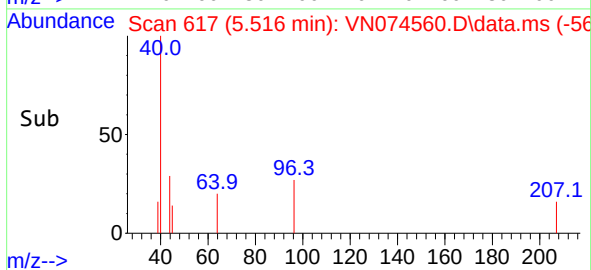
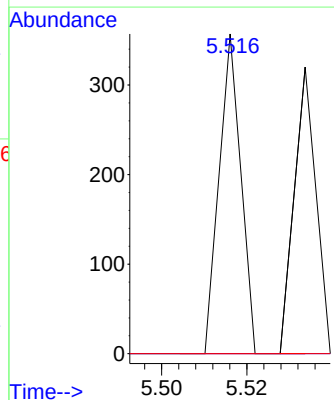
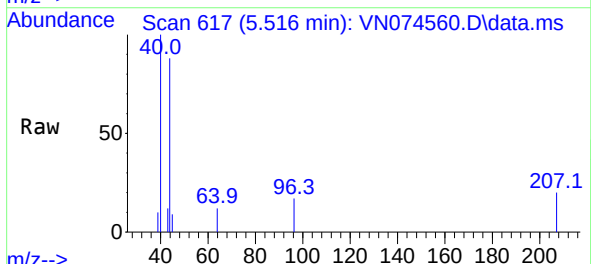
Instrument :
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ClientSampleId :
BP-VPB-RW5-TB-20220914

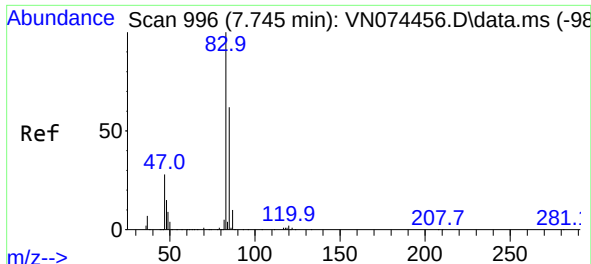
Tgt Ion: 43 Resp: 2386
Ion Ratio Lower Upper
43 100
74 8.5 21.6 32.4#



#21
trans-1,2-Dichloroethene
Concen: 0.461 ug/l
RT: 5.516 min Scan# 617
Delta R.T. 0.012 min
Lab File: VN074560.D
Acq: 17 Sep 2022 16:53

Tgt Ion: 96 Resp: 126
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#

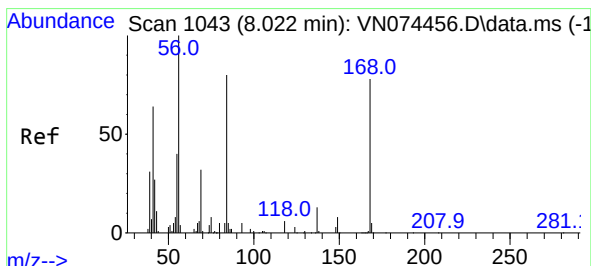
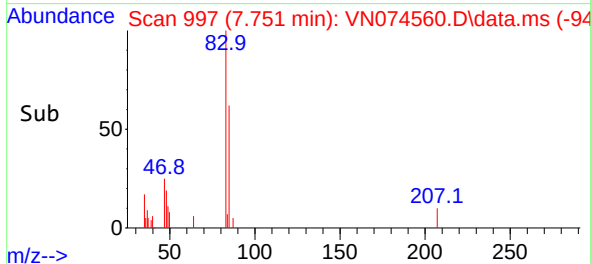
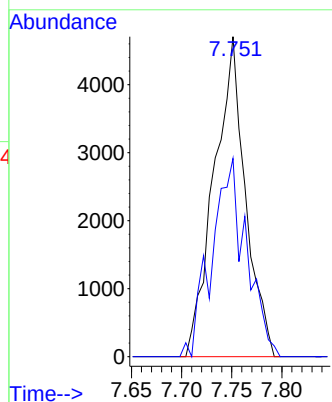
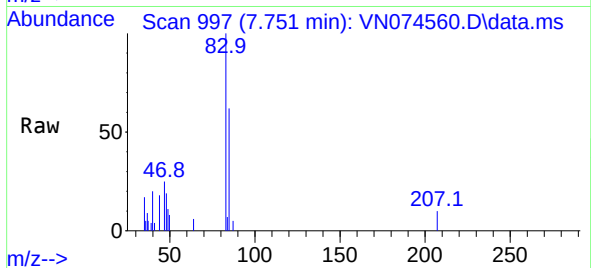




#30
Chloroform
Concen: 1.301 ug/l
RT: 7.751 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN074560.D
Acq: 17 Sep 2022 16:53

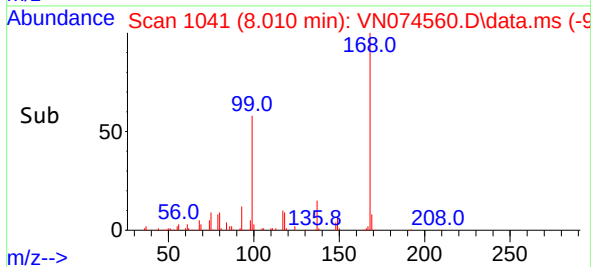
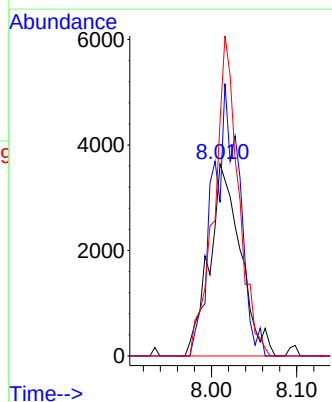
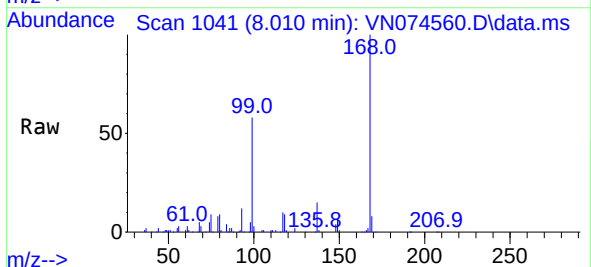
Instrument :
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BP-VPB-RW5-TB-20220914

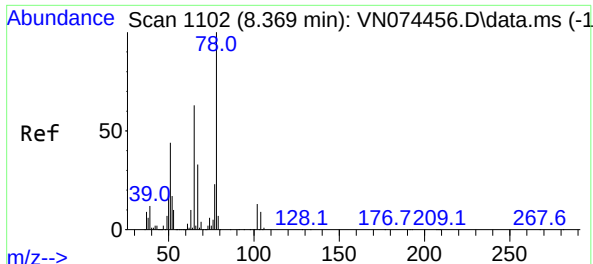
Tgt Ion: 83 Resp: 10213
Ion Ratio Lower Upper
83 100
85 61.9 51.8 77.8



#31
Cyclohexane
Concen: 1.139 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN074560.D
Acq: 17 Sep 2022 16:53

Tgt Ion: 56 Resp: 9244
Ion Ratio Lower Upper
56 100
69 80.0 27.8 41.8#
84 122.3 76.9 115.3#

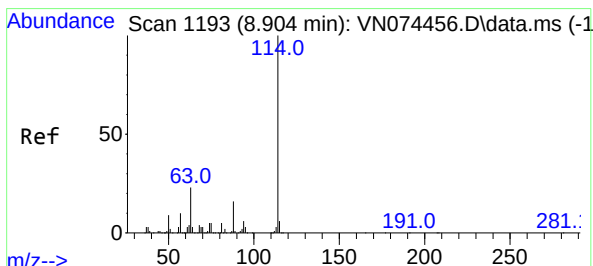
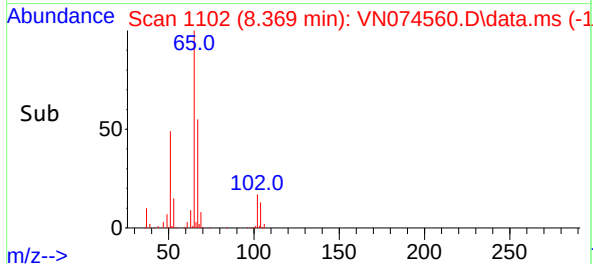
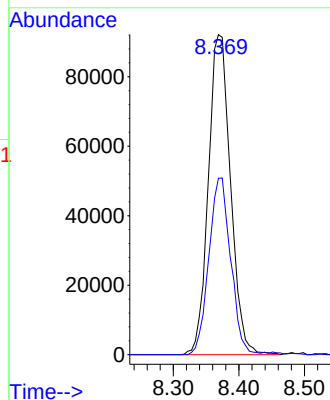
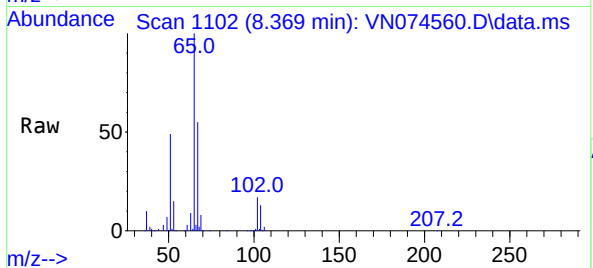




#33
1,2-Dichloroethane-d4
Concen: 47.374 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074560.D
Acq: 17 Sep 2022 16:53

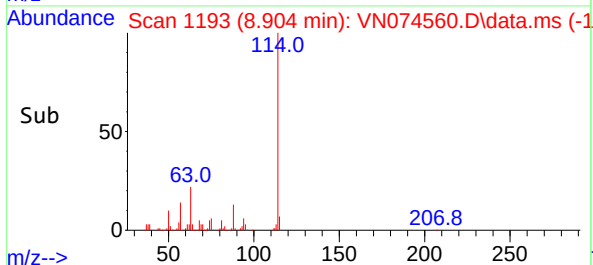
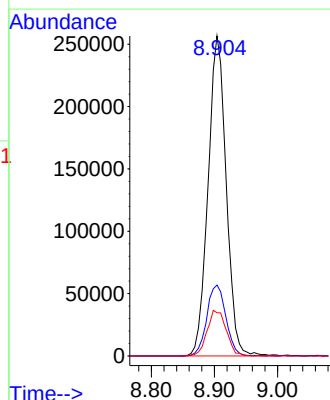
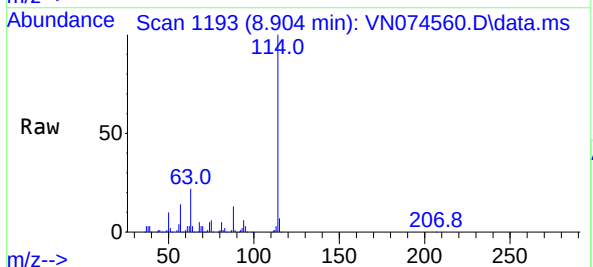
Instrument : MSVOA_N
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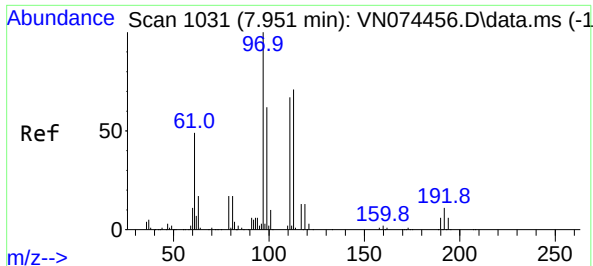
Tgt Ion: 65 Resp: 216562
Ion Ratio Lower Upper
65 100
67 54.2 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074560.D
Acq: 17 Sep 2022 16:53

Tgt Ion: 114 Resp: 513116
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.0
88 13.5 0.0 32.6

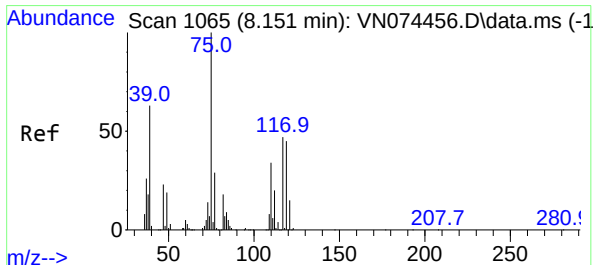
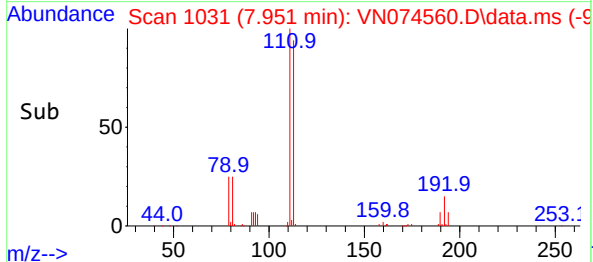
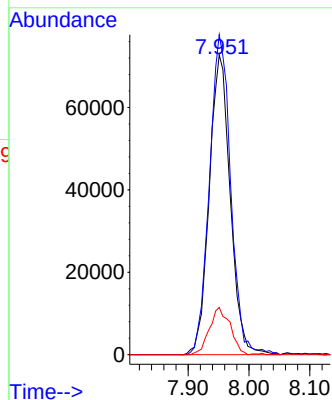
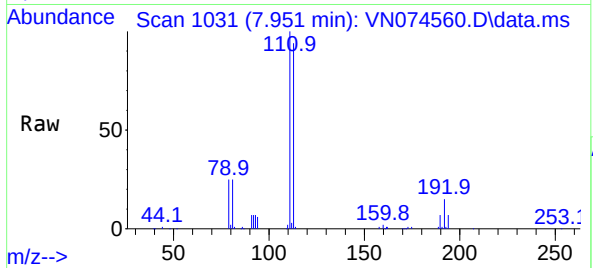




#35
Dibromofluoromethane
Concen: 51.170 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074560.D
Acq: 17 Sep 2022 16:53

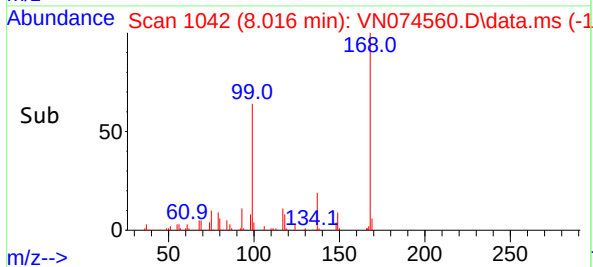
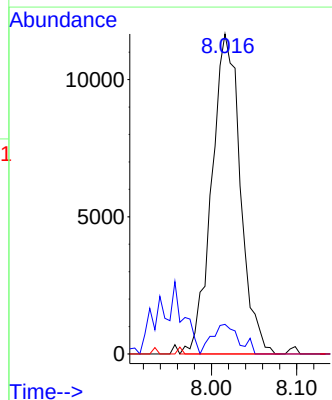
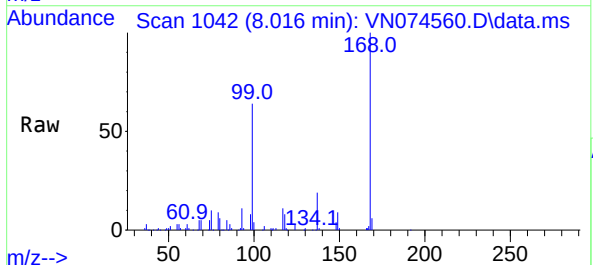
Instrument :
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BP-VPB-RW5-TB-20220914

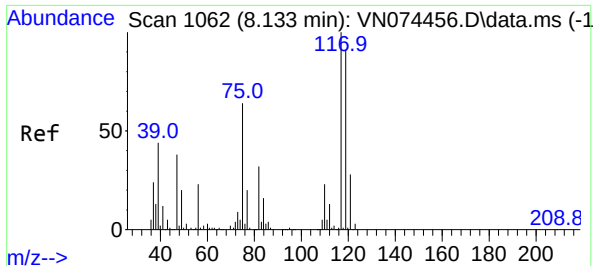
Tgt Ion:113 Resp: 174415
Ion Ratio Lower Upper
113 100
111 108.2 81.4 122.0
192 15.6 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 4.494 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074560.D
Acq: 17 Sep 2022 16:53

Tgt Ion: 75 Resp: 27111
Ion Ratio Lower Upper
75 100
110 8.7 18.3 54.8#
77 0.0 25.1 37.7#

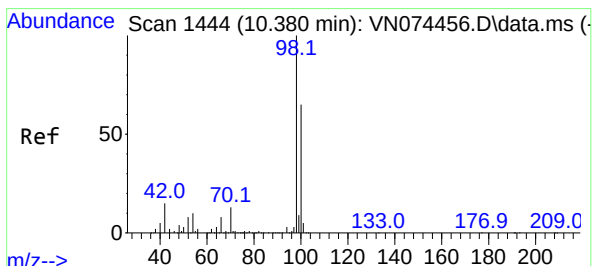
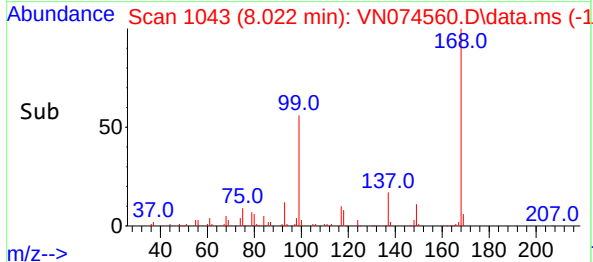
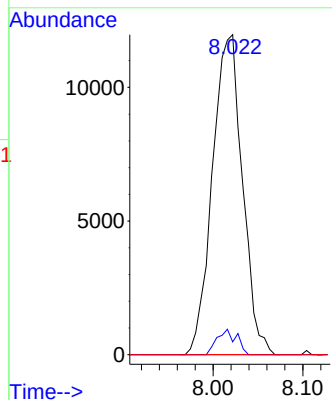
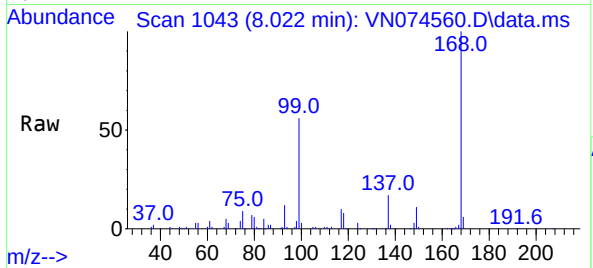




#38
Carbon Tetrachloride
Concen: 4.994 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.111 min
Lab File: VN074560.D
Acq: 17 Sep 2022 16:53

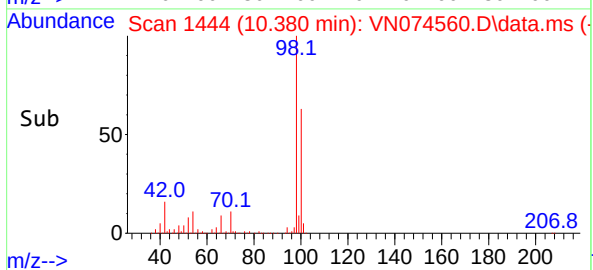
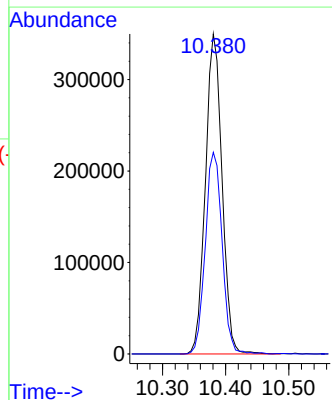
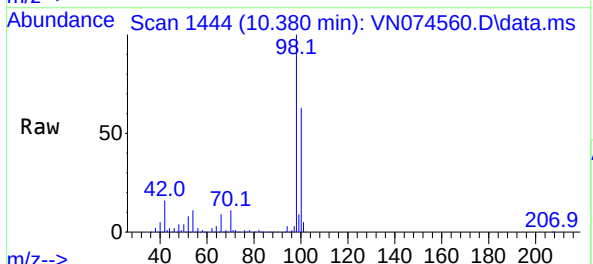
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-TB-20220914

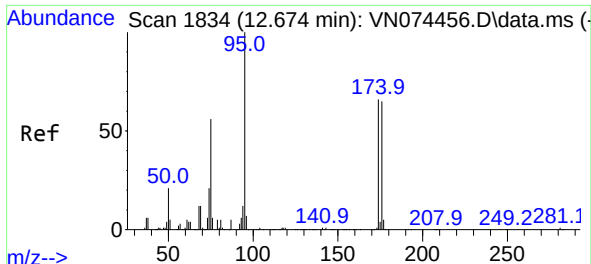
Tgt Ion:117 Resp: 27816
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 48.545 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074560.D
Acq: 17 Sep 2022 16:53

Tgt Ion: 98 Resp: 639918
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8

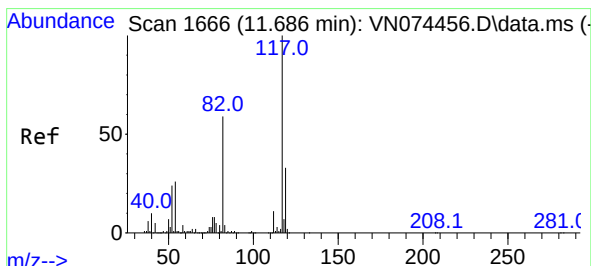
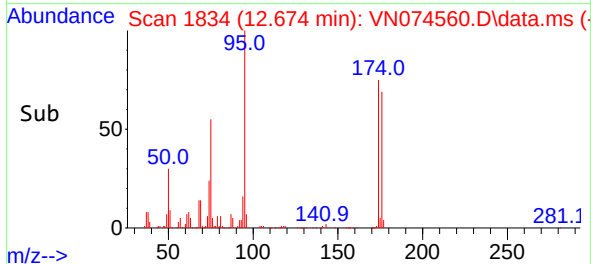
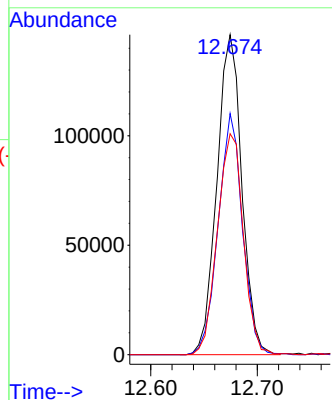
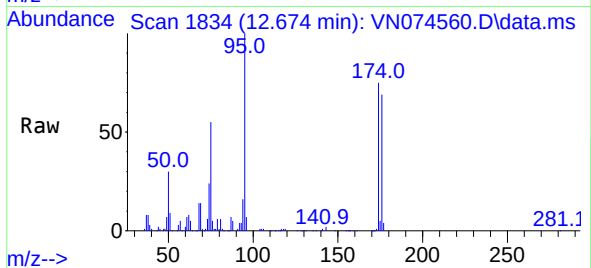




#62
4-Bromofluorobenzene
Concen: 52.628 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074560.D
Acq: 17 Sep 2022 16:53

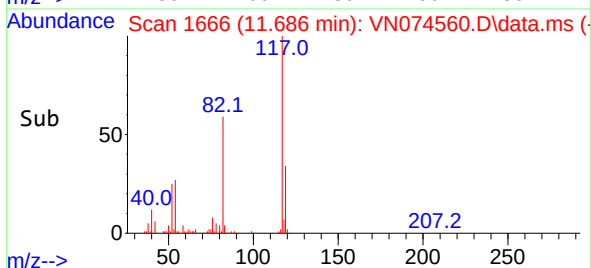
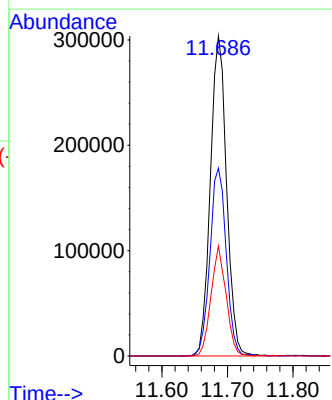
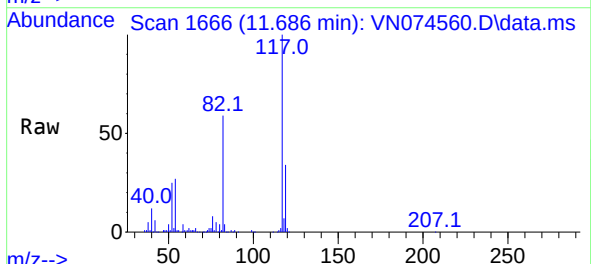
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-TB-20220914

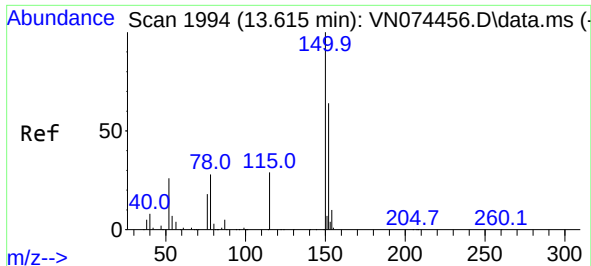
Tgt Ion: 95 Resp: 237605
Ion Ratio Lower Upper
95 100
174 73.4 0.0 167.6
176 71.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074560.D
Acq: 17 Sep 2022 16:53

Tgt Ion: 117 Resp: 521977
Ion Ratio Lower Upper
117 100
82 58.7 44.2 66.2
119 34.4 25.4 38.0

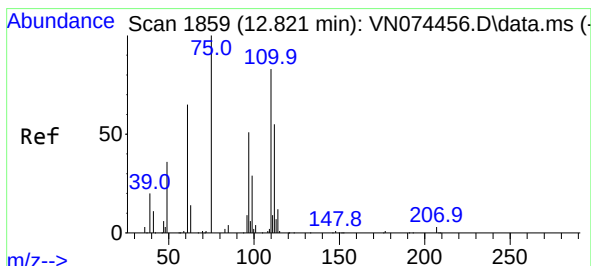
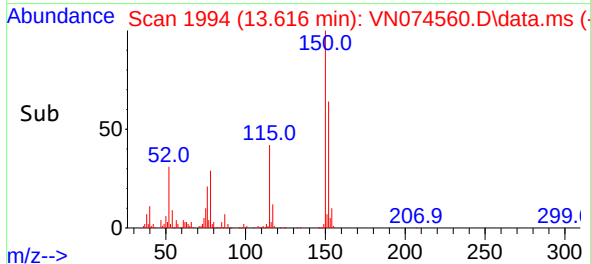
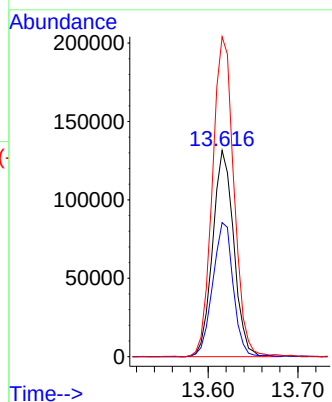
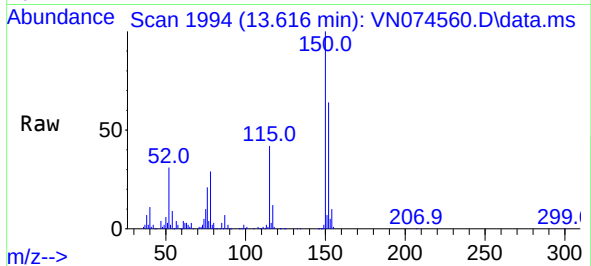




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN074560.D
 Acq: 17 Sep 2022 16:53

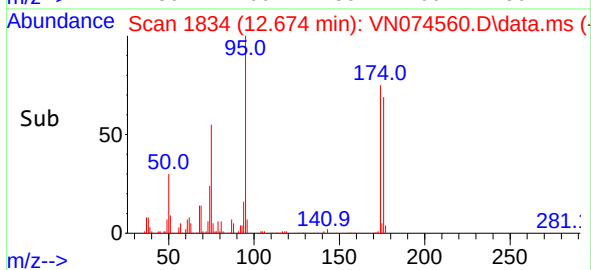
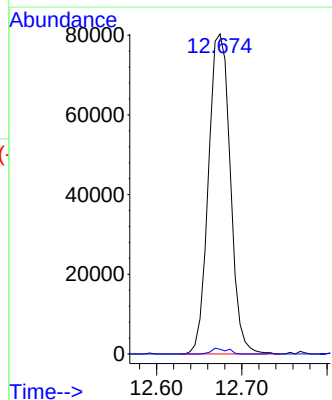
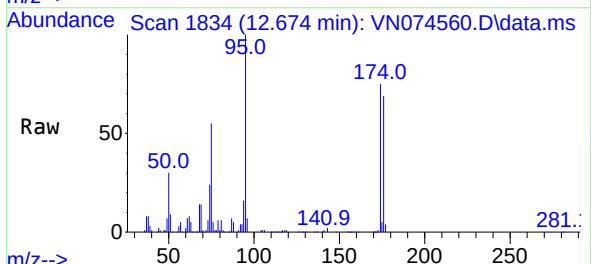
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-TB-20220914

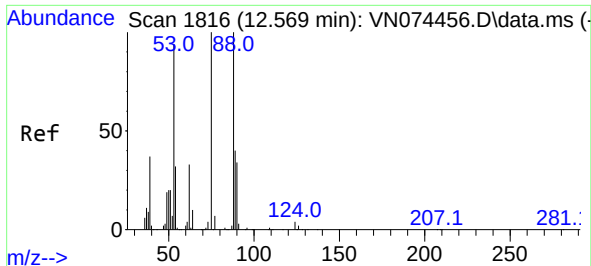
Tgt Ion:152 Resp: 214842
 Ion Ratio Lower Upper
 152 100
 115 63.4 28.9 86.7
 150 158.4 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 21.642 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.147 min
 Lab File: VN074560.D
 Acq: 17 Sep 2022 16:53

Tgt Ion: 75 Resp: 143120
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#

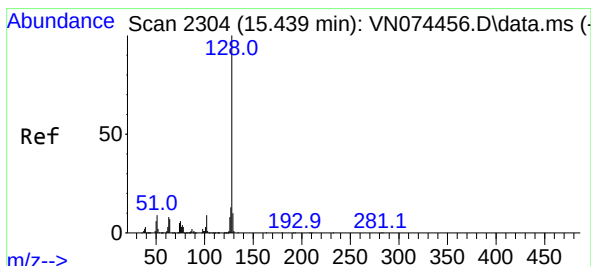
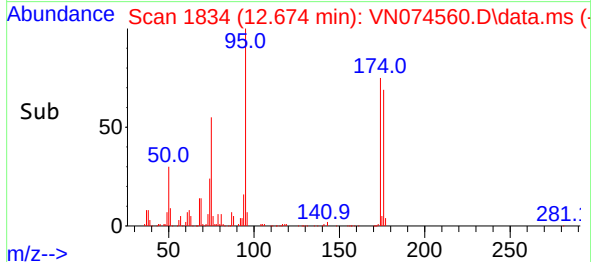
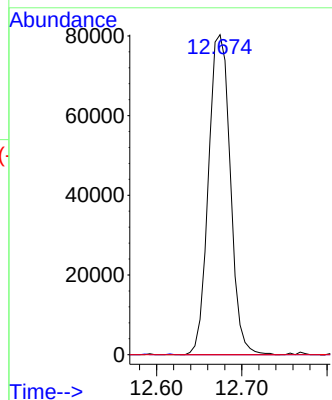
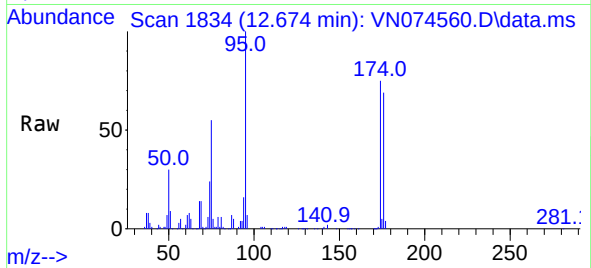




#81
trans-1,4-Dichloro-2-butene
Concen: 46.711 ug/l
RT: 12.674 min Scan# 1816
Delta R.T. 0.105 min
Lab File: VN074560.D
Acq: 17 Sep 2022 16:53

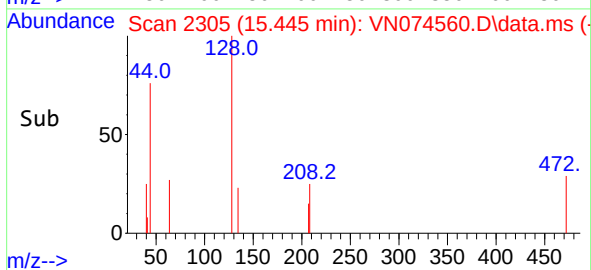
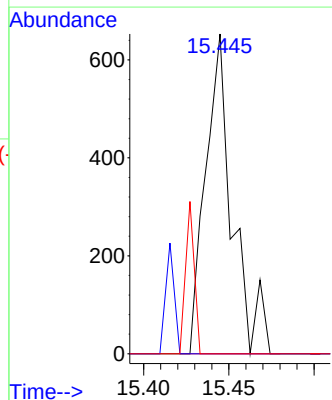
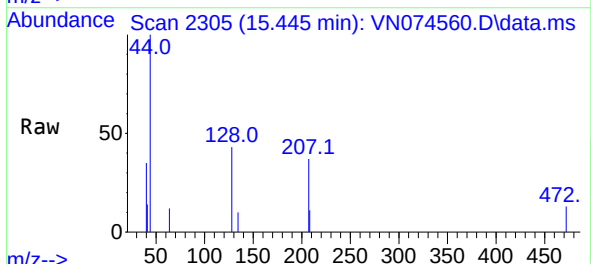
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW5-TB-20220914

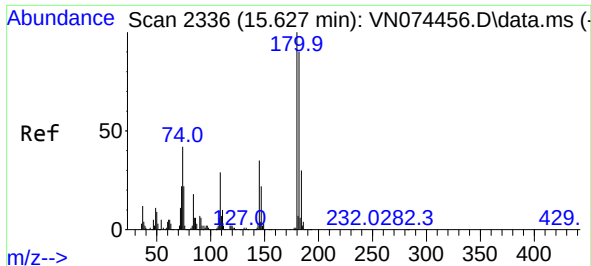
Tgt Ion: 75 Resp: 143120
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 1.627 ug/l
RT: 15.445 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VN074560.D
Acq: 17 Sep 2022 16:53

Tgt Ion:128 Resp: 713
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 1.369 ug/l

RT: 15.639 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN074560.D

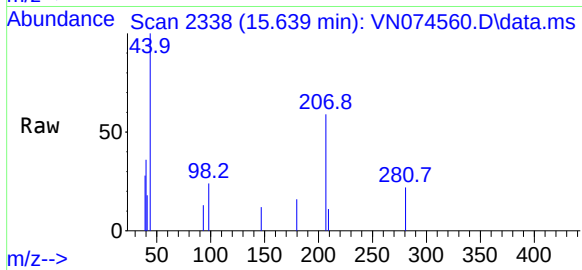
Acq: 17 Sep 2022 16:53

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-TB-20220914



Tgt Ion:180 Resp: 145

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.3#

145 0.0 15.5 46.5#

