

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074561.D
 Acq On : 17 Sep 2022 17:17
 Operator : JC\MD
 Sample : N4688-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Sep 19 02:57:05 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)

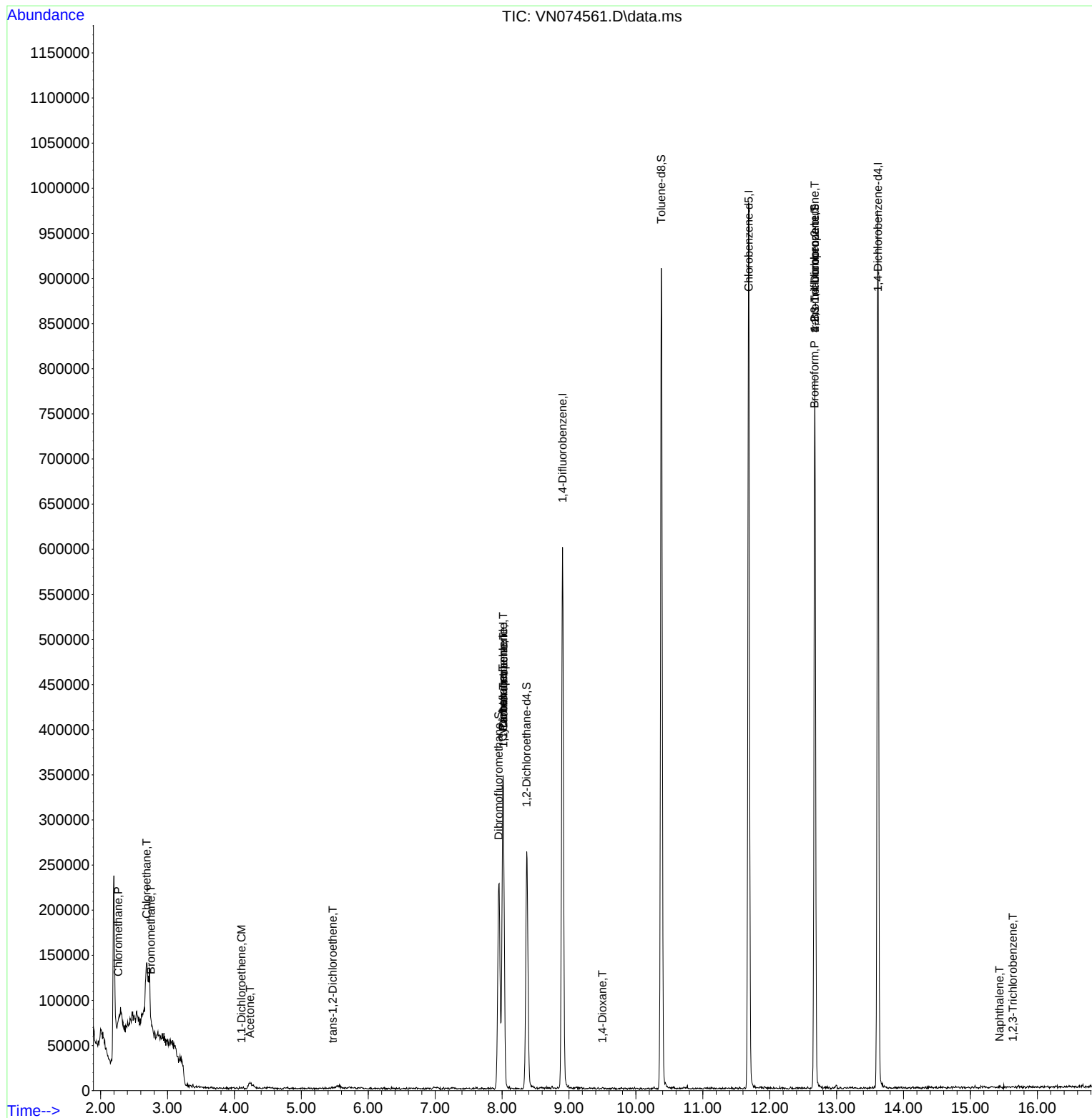
Internal Standards						
1) Pentafluorobenzene	8.016	168	248290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	484642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	500914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	228526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	194426	46.151	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.300%		
35) Dibromofluoromethane	7.951	113	160195	49.759	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.520%		
50) Toluene-d8	10.380	98	598784	48.093	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.180%		
62) 4-Bromofluorobenzene	12.674	95	239700	56.211	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.420%		
Target Compounds						Qvalue
3) Chloromethane	2.263	50	2643	0.837	ug/l #	85
5) Bromomethane	2.752	94	558	0.218	ug/l #	2
6) Chloroethane	2.687	64	18354	5.524	ug/l #	56
12) 1,1-Dichloroethene	4.104	96	115	0.719	ug/l #	1
16) Acetone	4.234	43	11075	4.108	ug/l #	75
21) trans-1,2-Dichloroethene	5.469	96	136	0.467	ug/l #	1
31) Cyclohexane	8.010	56	8503	1.137	ug/l #	5
36) 1,1-Dichloropropene	8.022	75	24734	4.340	ug/l #	50
38) Carbon Tetrachloride	8.016	117	25917	4.926	ug/l #	14
49) 1,4-Dioxane	9.498	88	259	2.204	ug/l	96
71) Bromoform	12.669	173	1737	0.517	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	139757	19.868	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	139757	42.882	ug/l #	10
95) Naphthalene	15.433	128	592	1.618	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.633	180	133	1.364	ug/l #	73

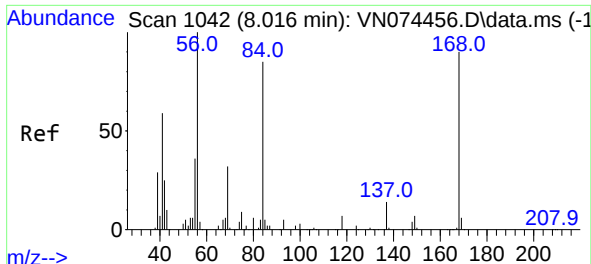
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-RW5-DUP-20220914

Quant Time: Sep 19 02:57:05 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

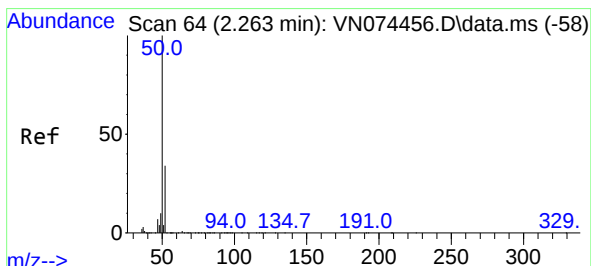
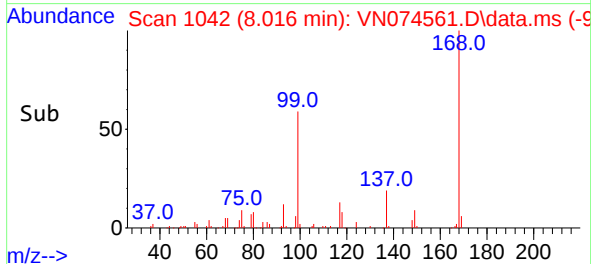
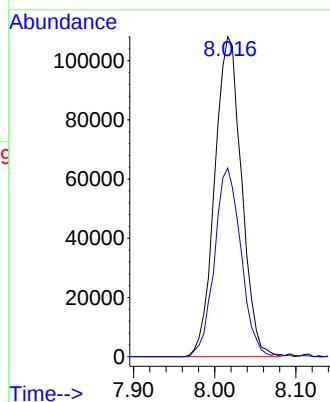
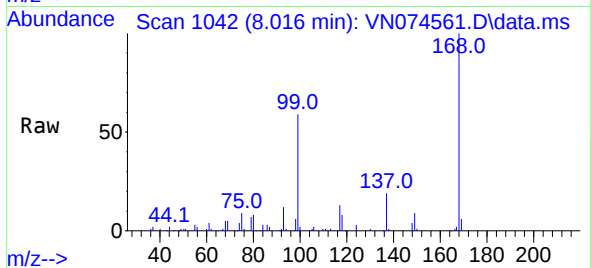




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074561.D
Acq: 17 Sep 2022 17:17

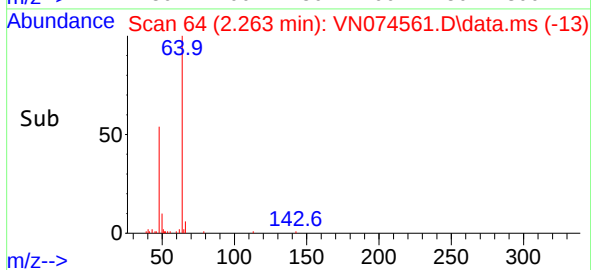
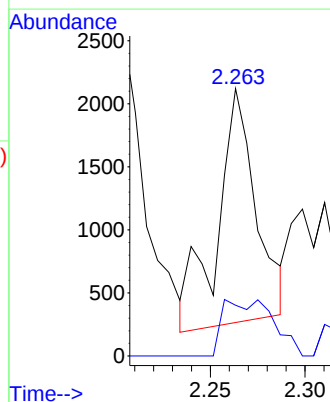
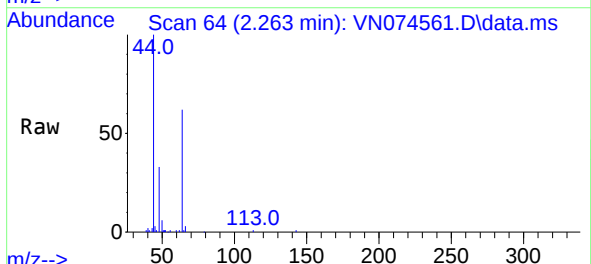
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-DUP-20220914

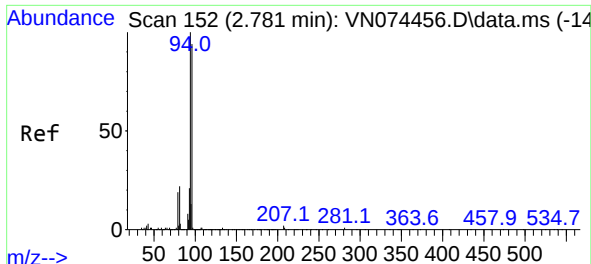
Tgt Ion:168 Resp: 248290
Ion Ratio Lower Upper
168 100
99 59.0 42.3 63.5



#3
Chloromethane
Concen: 0.837 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074561.D
Acq: 17 Sep 2022 17:17

Tgt Ion: 50 Resp: 2643
Ion Ratio Lower Upper
50 100
52 24.0 25.7 38.5#

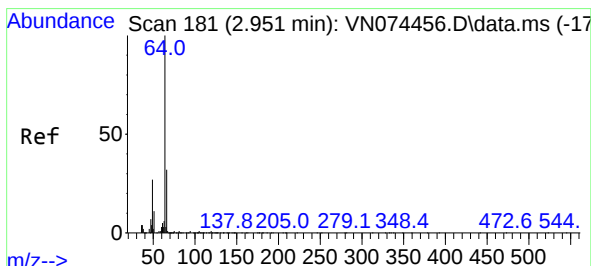
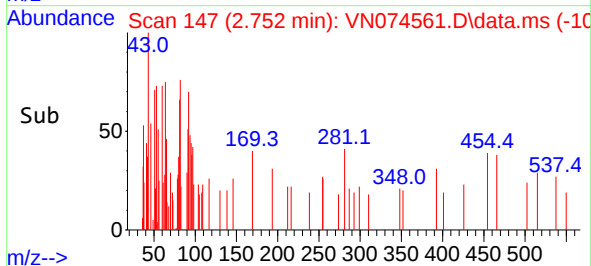
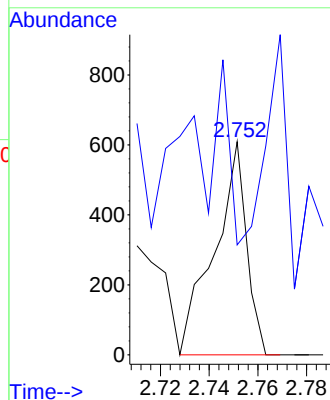
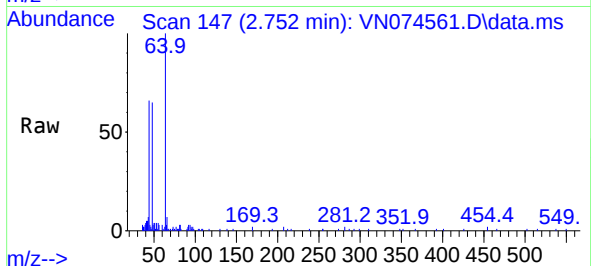




#5
Bromomethane
Concen: 0.218 ug/l
RT: 2.752 min Scan# 14
Delta R.T. -0.030 min
Lab File: VN074561.D
Acq: 17 Sep 2022 17:17

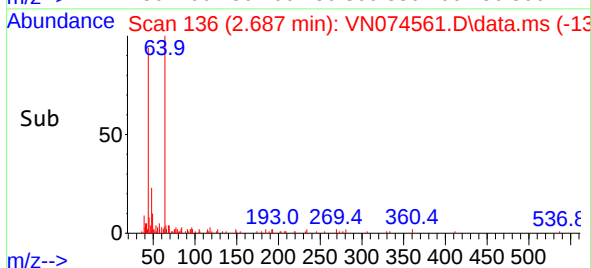
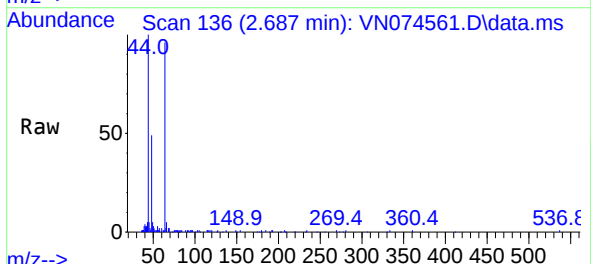
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-DUP-20220914

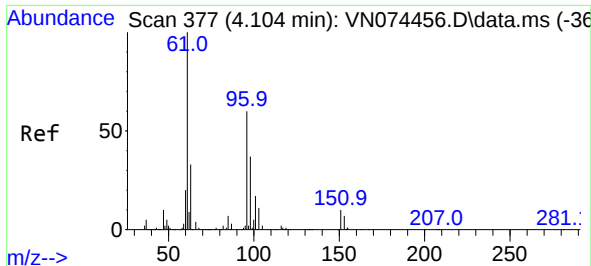
Tgt Ion: 94 Resp: 558
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: 5.524 ug/l
RT: 2.687 min Scan# 136
Delta R.T. -0.264 min
Lab File: VN074561.D
Acq: 17 Sep 2022 17:17

Tgt Ion: 64 Resp: 18354
Ion Ratio Lower Upper
64 100
66 8.0 26.2 39.4#

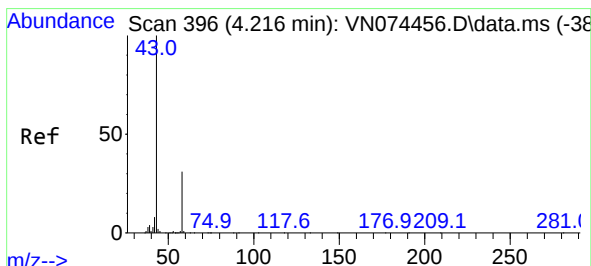
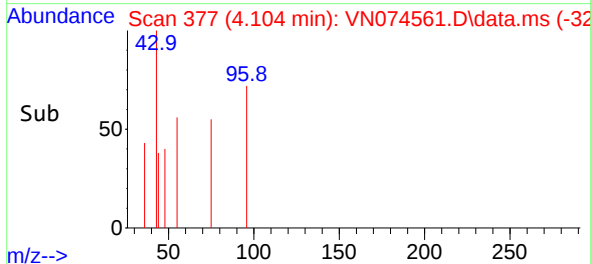
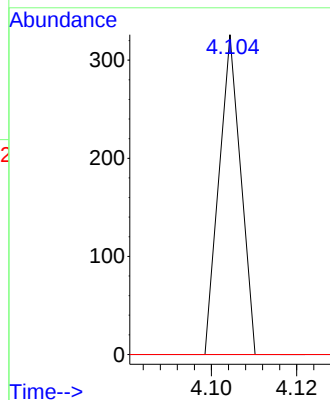
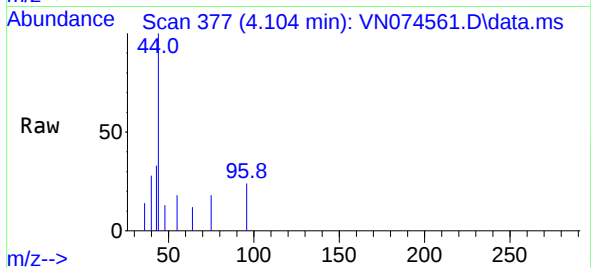




#12
1,1-Dichloroethene
Concen: 0.719 ug/l
RT: 4.104 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN074561.D
Acq: 17 Sep 2022 17:17

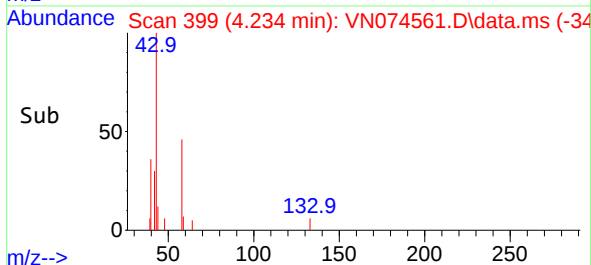
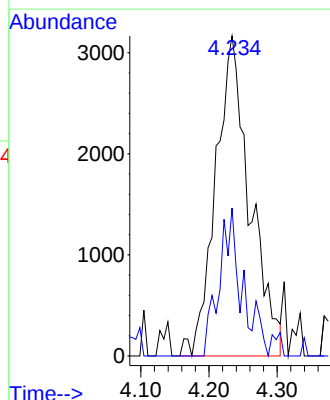
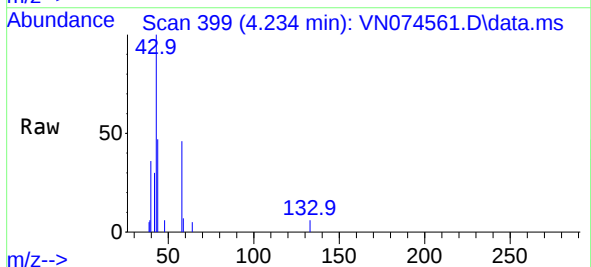
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-DUP-20220914

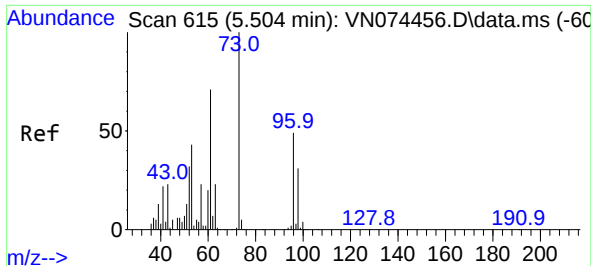
Tgt Ion: 96 Resp: 115
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#



#16
Acetone
Concen: 4.108 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.018 min
Lab File: VN074561.D
Acq: 17 Sep 2022 17:17

Tgt Ion: 43 Resp: 11075
Ion Ratio Lower Upper
43 100
58 46.3 26.0 39.0#

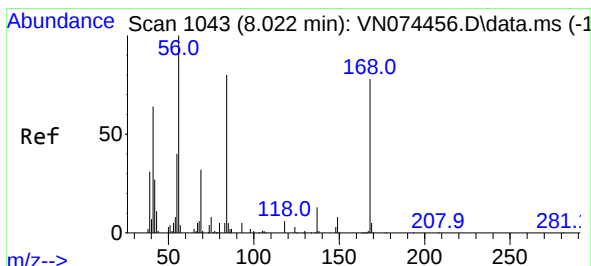
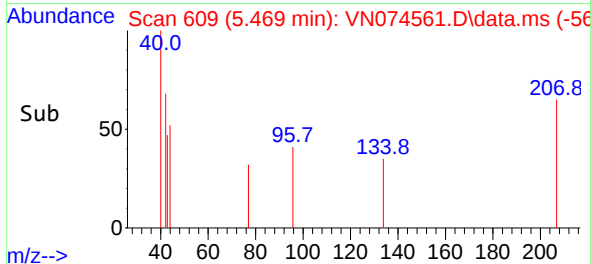
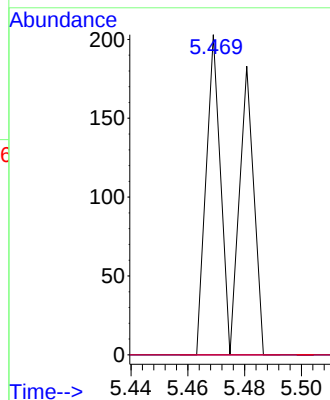
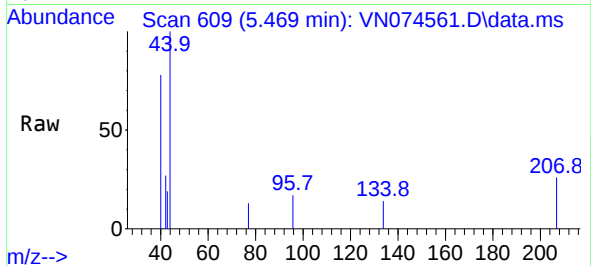




#21
trans-1,2-Dichloroethene
Concen: 0.467 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.035 min
Lab File: VN074561.D
Acq: 17 Sep 2022 17:17

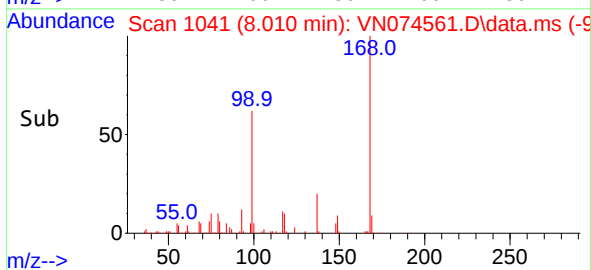
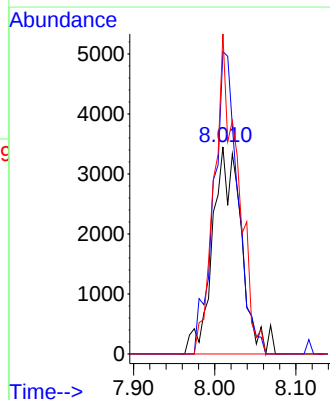
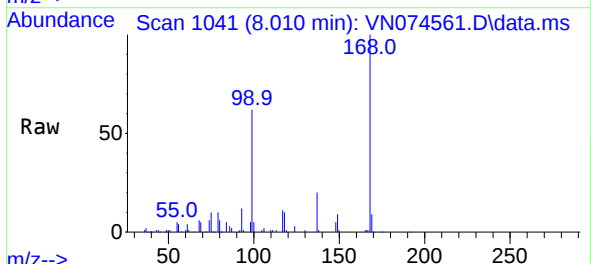
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-DUP-20220914

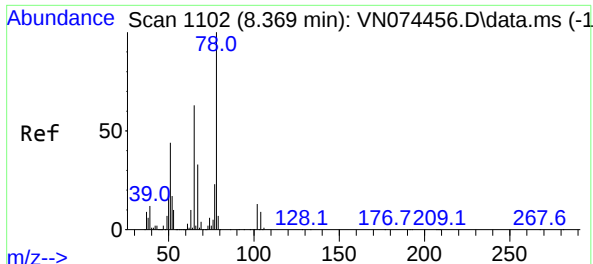
Tgt Ion: 96 Resp: 136
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#



#31
Cyclohexane
Concen: 1.137 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN074561.D
Acq: 17 Sep 2022 17:17

Tgt Ion: 56 Resp: 8503
Ion Ratio Lower Upper
56 100
69 146.1 27.8 41.8#
84 154.5 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 46.151 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074561.D

Acq: 17 Sep 2022 17:17

Instrument :

MSVOA_N

ClientSampleId :

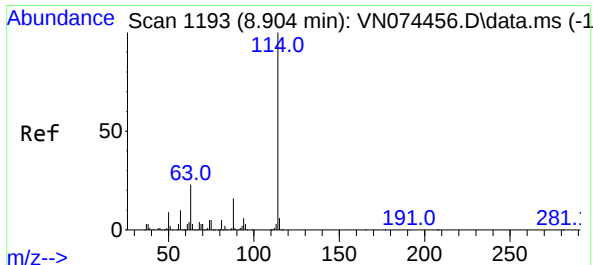
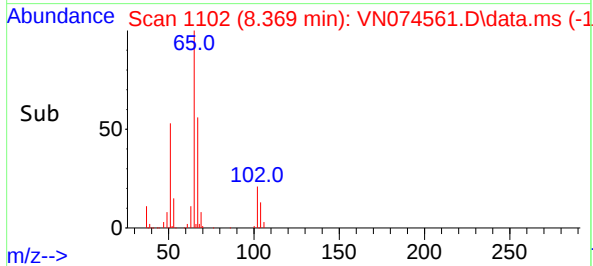
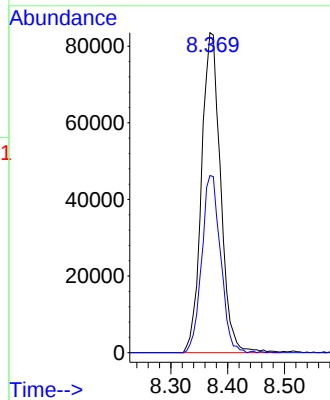
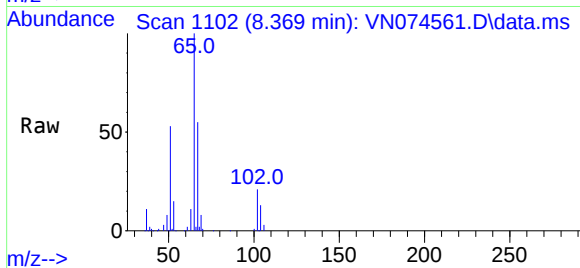
BP-VPB-RW5-DUP-20220914

Tgt Ion: 65 Resp: 194426

Ion Ratio Lower Upper

65 100

67 54.6 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: VN074561.D

Acq: 17 Sep 2022 17:17

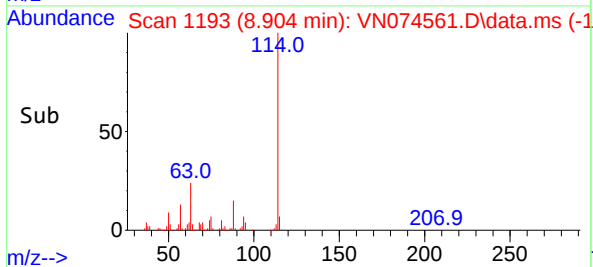
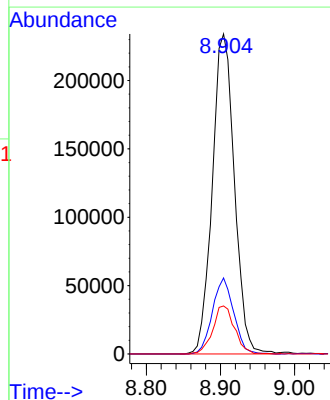
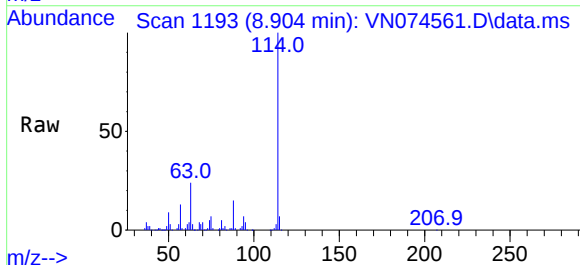
Tgt Ion: 114 Resp: 484642

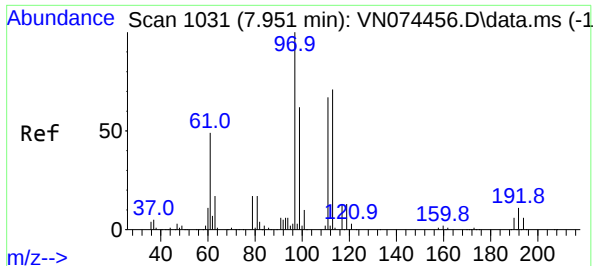
Ion Ratio Lower Upper

114 100

63 23.7 0.0 40.0

88 15.0 0.0 32.6

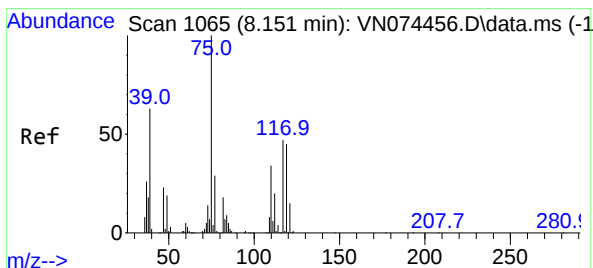
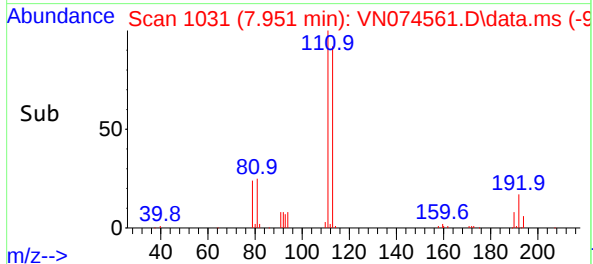
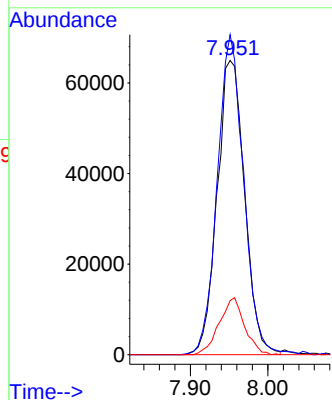
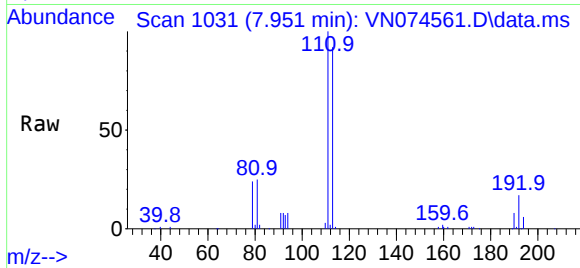




#35
Dibromofluoromethane
Concen: 49.759 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074561.D
Acq: 17 Sep 2022 17:17

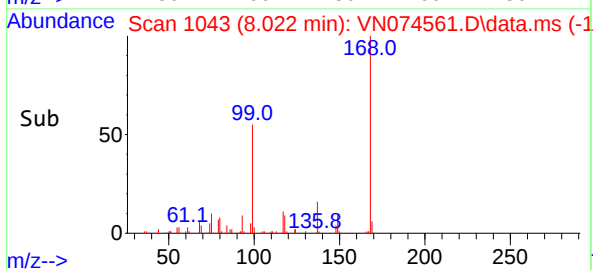
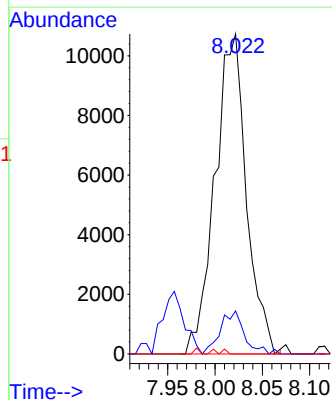
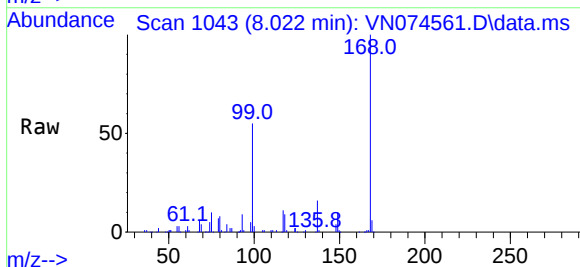
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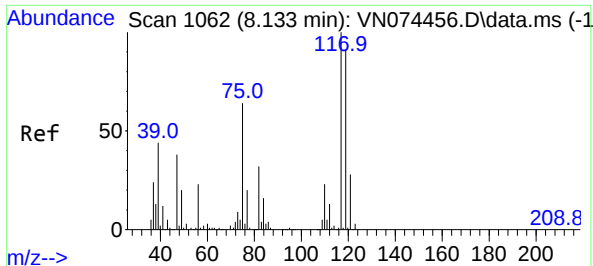
Tgt Ion:113 Resp: 160195
Ion Ratio Lower Upper
113 100
111 104.3 81.4 122.0
192 17.9 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.340 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.129 min
Lab File: VN074561.D
Acq: 17 Sep 2022 17:17

Tgt Ion: 75 Resp: 24734
Ion Ratio Lower Upper
75 100
110 10.4 18.3 54.8#
77 0.0 25.1 37.7#

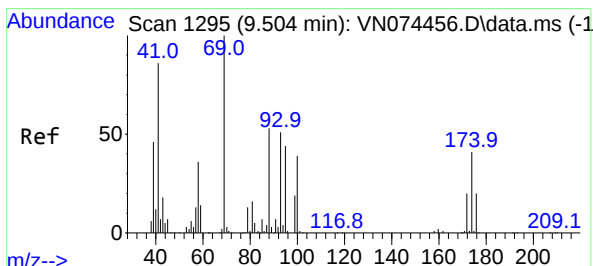
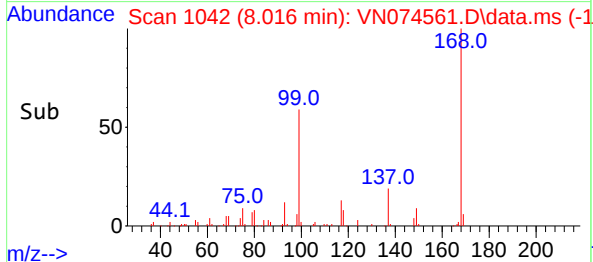
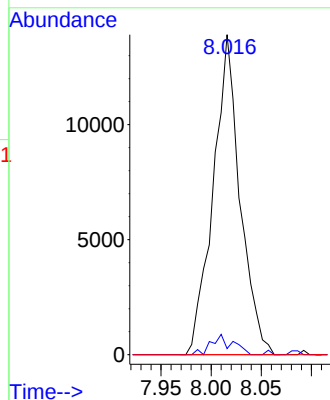
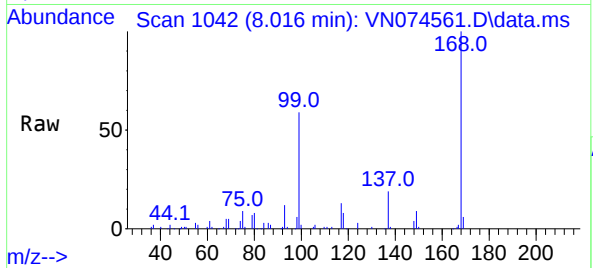




#38
Carbon Tetrachloride
Concen: 4.926 ug/l
RT: 8.016 min Scan# 117
Delta R.T. -0.117 min
Lab File: VN074561.D
Acq: 17 Sep 2022 17:17

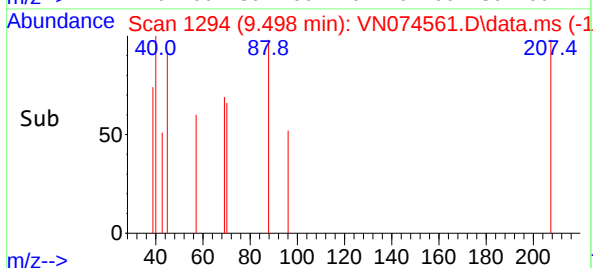
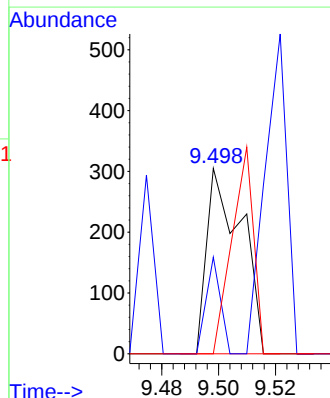
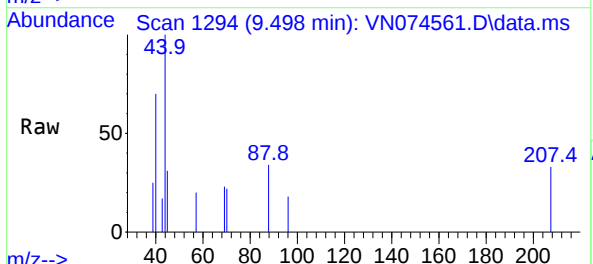
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW5-DUP-20220914

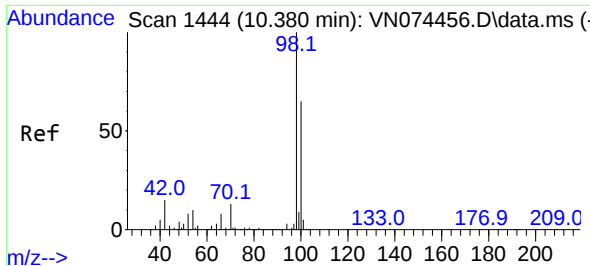
Tgt Ion:117 Resp: 25917
Ion Ratio Lower Upper
117 100
119 1.9 75.8 113.8#
121 0.0 24.6 37.0#



#49
1,4-Dioxane
Concen: 2.204 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VN074561.D
Acq: 17 Sep 2022 17:17

Tgt Ion: 88 Resp: 259
Ion Ratio Lower Upper
88 100
43 21.6 20.2 30.4
58 69.5 54.2 81.4

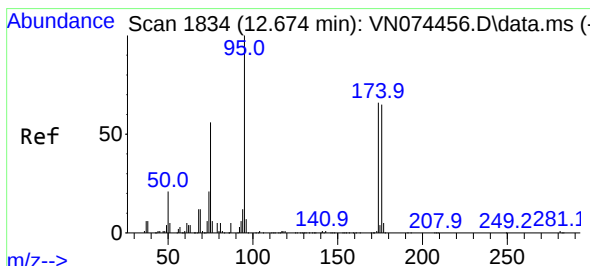
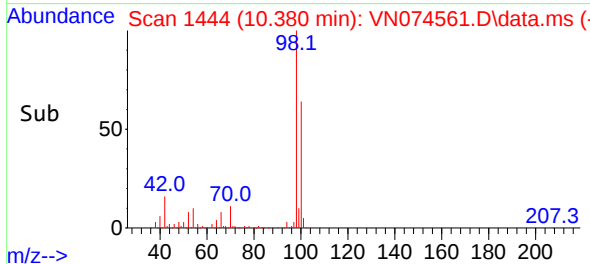
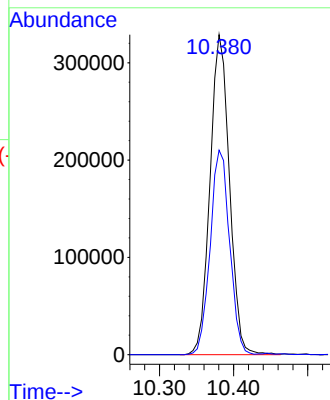
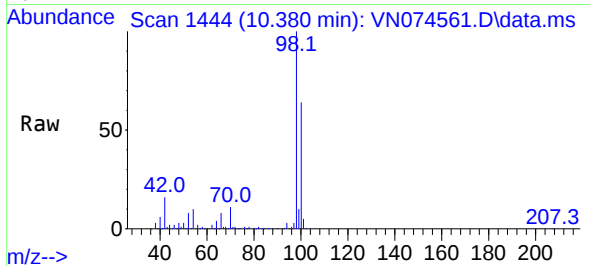




#50
Toluene-d8
Concen: 48.093 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074561.D
Acq: 17 Sep 2022 17:17

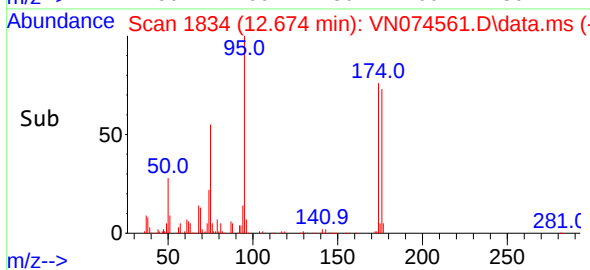
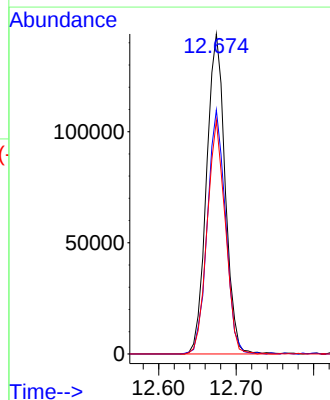
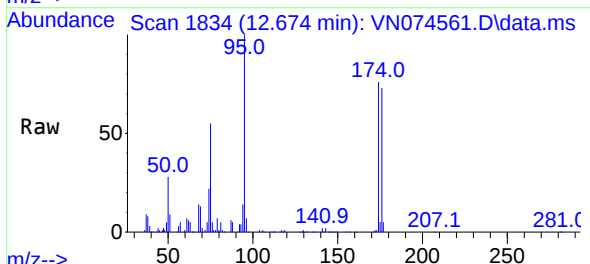
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-DUP-20220914

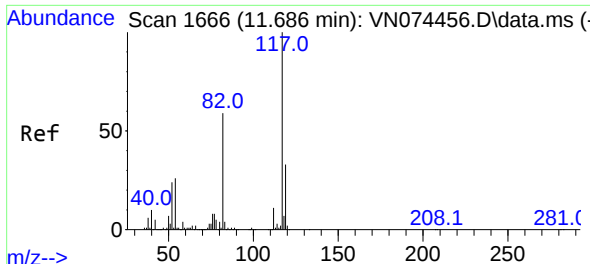
Tgt Ion: 98 Resp: 598784
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 56.211 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074561.D
Acq: 17 Sep 2022 17:17

Tgt Ion: 95 Resp: 239700
Ion Ratio Lower Upper
95 100
174 74.2 0.0 167.6
176 70.8 0.0 163.4

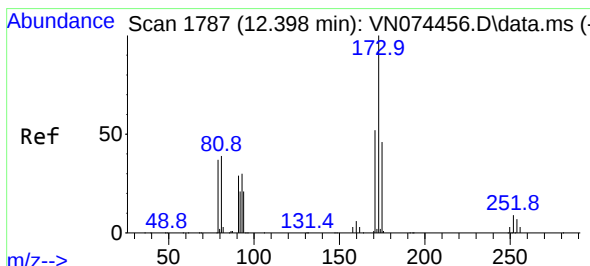
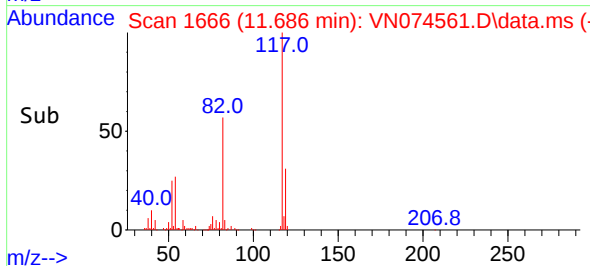
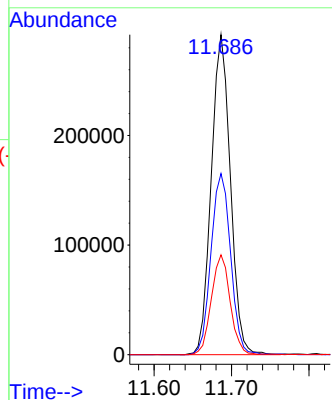
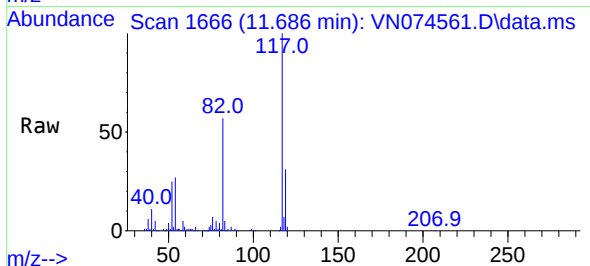




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074561.D
Acq: 17 Sep 2022 17:17

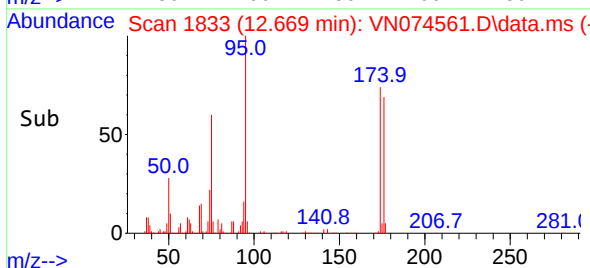
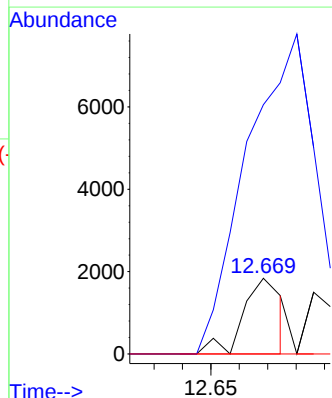
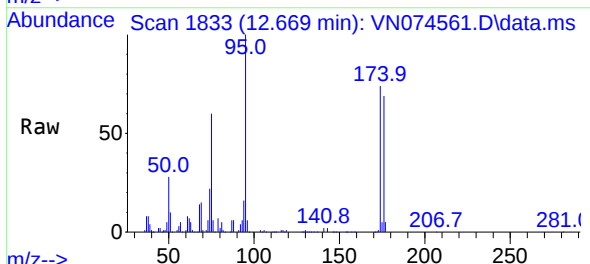
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-DUP-20220914

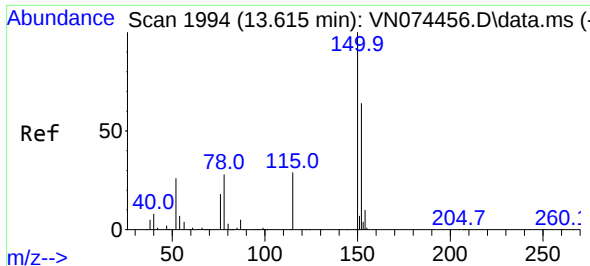
Tgt Ion:	117	Resp:	500914
Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.2	66.2
119	31.2	25.4	38.0



#71
Bromoform
Concen: 0.517 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN074561.D
Acq: 17 Sep 2022 17:17

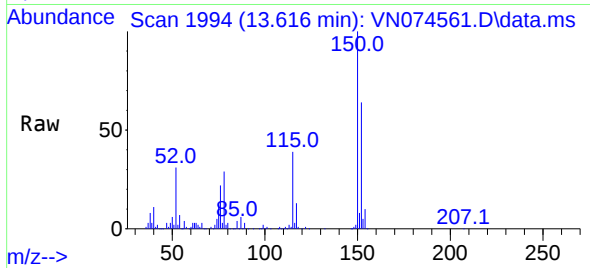
Tgt Ion:	173	Resp:	1737
Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.6	73.6#
254	0.0	0.1	0.1#



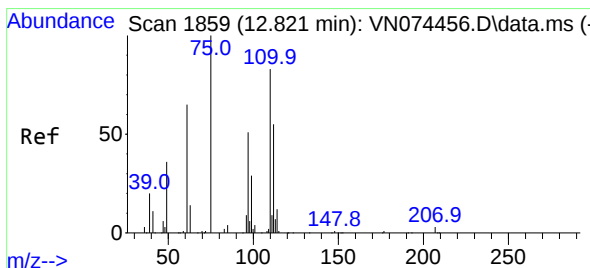
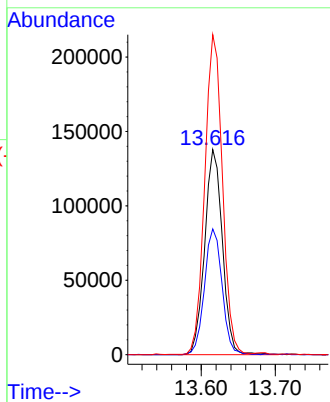
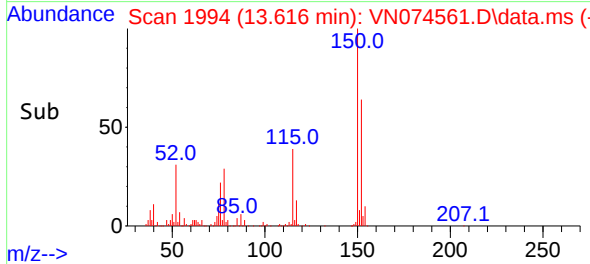


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN074561.D
 Acq: 17 Sep 2022 17:17

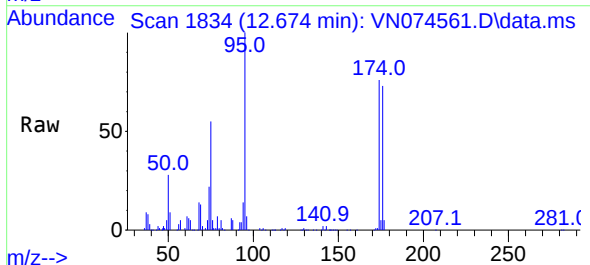
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-DUP-20220914



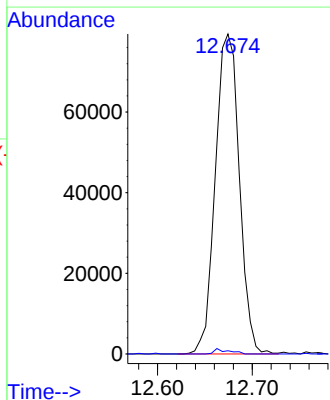
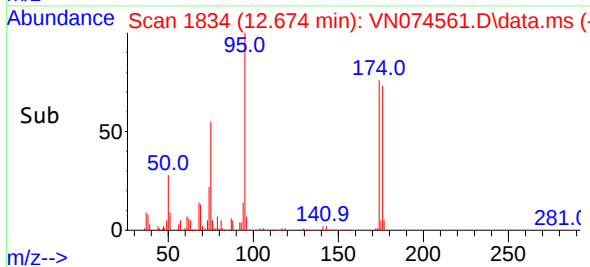
Tgt Ion:152 Resp: 228526
 Ion Ratio Lower Upper
 152 100
 115 61.1 28.9 86.7
 150 155.3 0.0 356.2

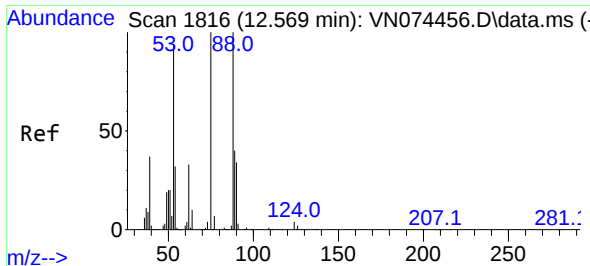


#76
 1,2,3-Trichloropropane
 Concen: 19.868 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.147 min
 Lab File: VN074561.D
 Acq: 17 Sep 2022 17:17



Tgt Ion: 75 Resp: 139757
 Ion Ratio Lower Upper
 75 100
 77 1.0 98.5 295.5#

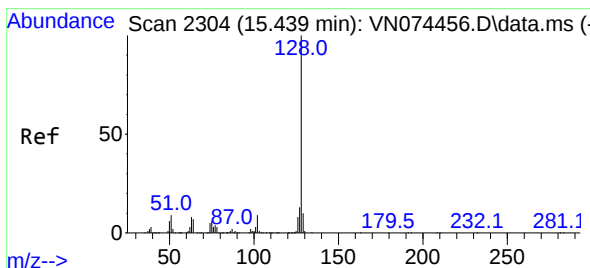
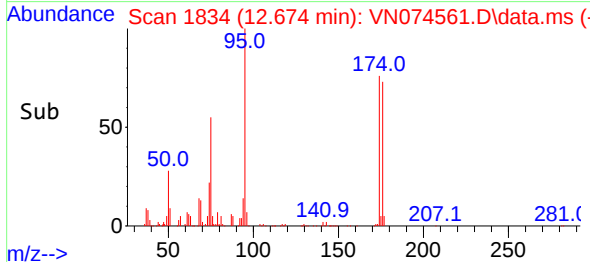
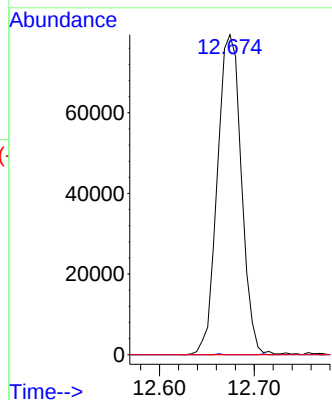
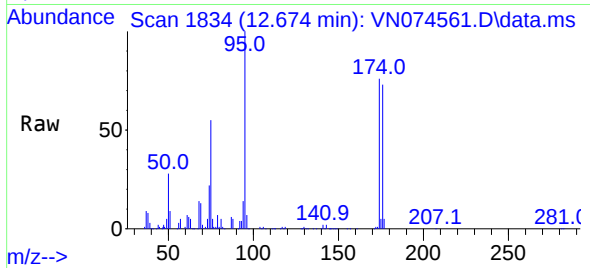




#81
trans-1,4-Dichloro-2-butene
Concen: 42.882 ug/l
RT: 12.674 min Scan# 1816
Delta R.T. 0.105 min
Lab File: VN074561.D
Acq: 17 Sep 2022 17:17

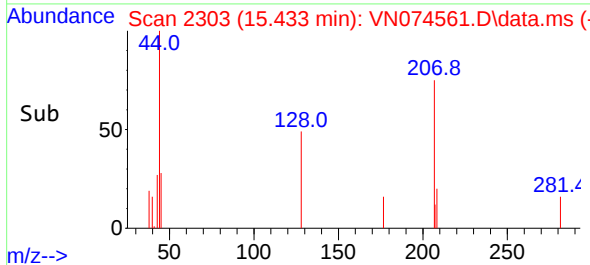
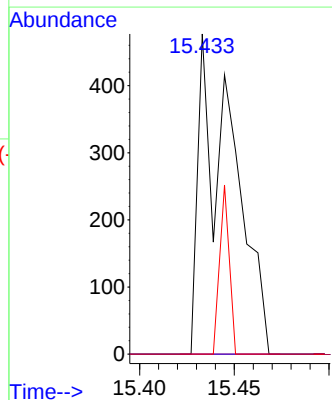
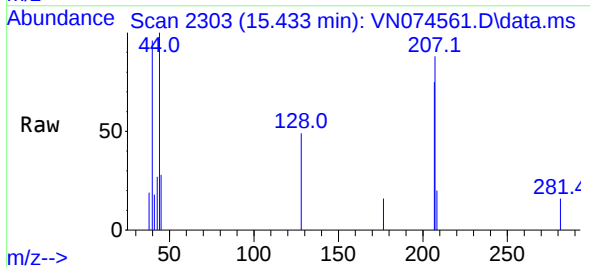
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-DUP-20220914

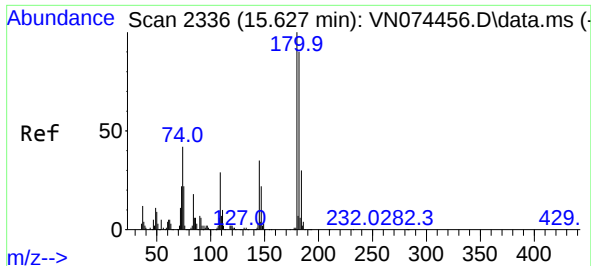
Tgt Ion: 75 Resp: 139757
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 1.618 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN074561.D
Acq: 17 Sep 2022 17:17

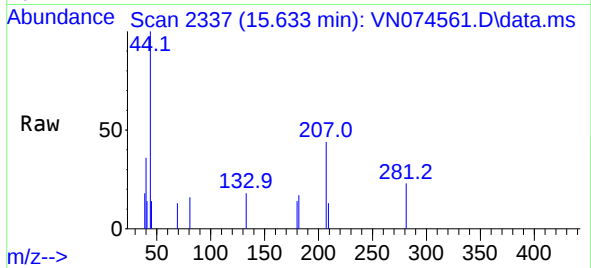
Tgt Ion:128 Resp: 592
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 15.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.364 ug/l
 RT: 15.633 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN074561.D
 Acq: 17 Sep 2022 17:17

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



Tgt Ion:180 Resp: 133
 Ion Ratio Lower Upper
 180 100
 182 112.8 47.8 143.3
 145 0.0 15.5 46.5#

