

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074503.D
 Acq On : 16 Sep 2022 12:19
 Operator : JC\MD
 Sample : N4626-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-418-420RE

Quant Time: Sep 16 16:14:53 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	338903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	649759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	626359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	268451	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	263951	45.902	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.800%
35) Dibromofluoromethane	7.957	113	216848	50.240	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.480%
50) Toluene-d8	10.380	98	788225	47.220	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.440%
62) 4-Bromofluorobenzene	12.674	95	300181	52.506	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.020%

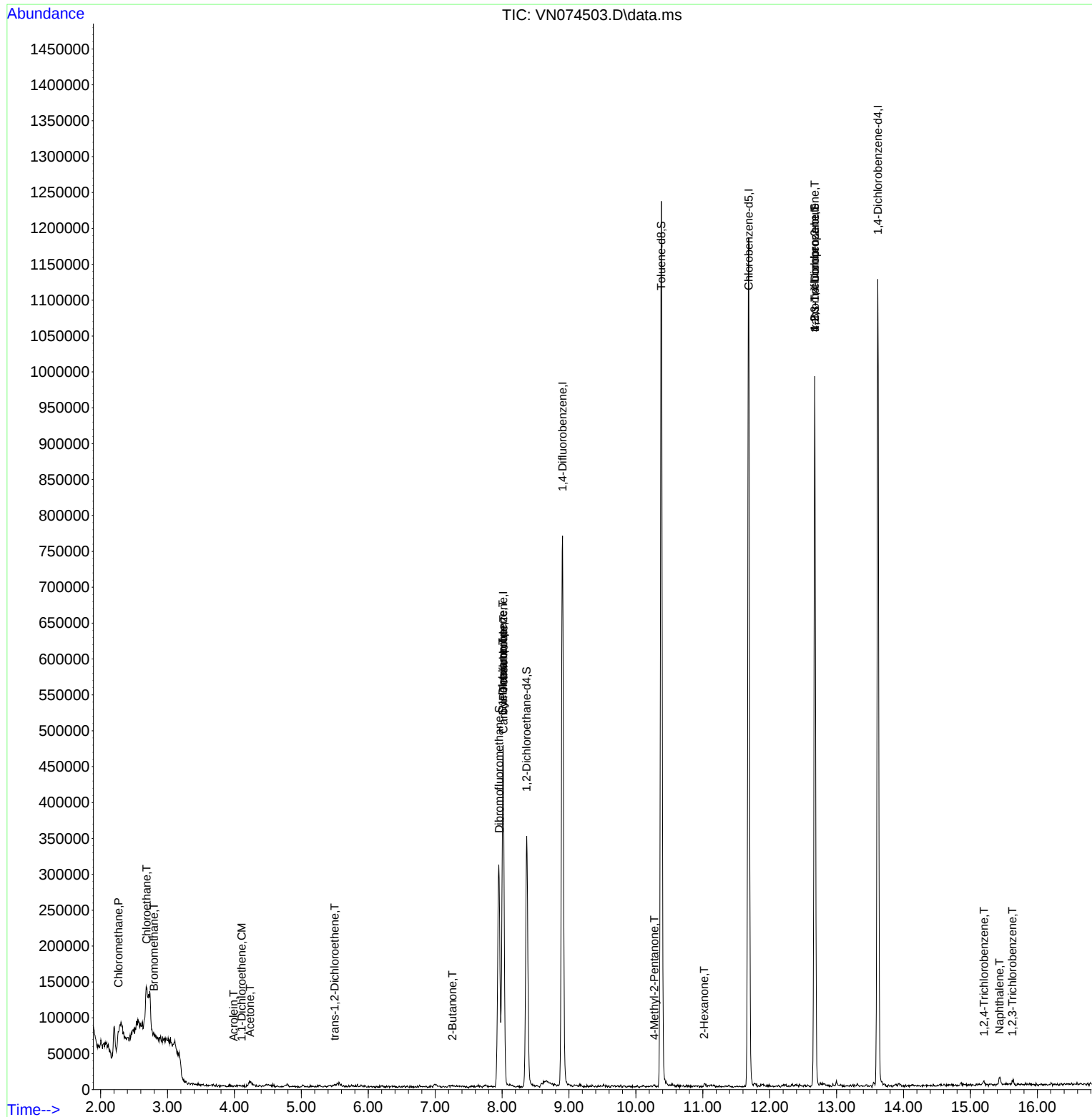
Target Compounds					Qvalue	
3) Chloromethane	2.269	50	2797	0.707	ug/l #	79
5) Bromomethane	2.798	94	1098	0.314	ug/l #	73
6) Chloroethane	2.687	64	14169	3.124	ug/l #	65
12) 1,1-Dichloroethene	4.110	96	530	0.802	ug/l #	1
13) Acrolein	3.987	56	447	0.653	ug/l #	82
16) Acetone	4.234	43	12009	3.264	ug/l	94
21) trans-1,2-Dichloroethene	5.498	96	237	0.477	ug/l #	38
25) 2-Butanone	7.257	43	2022	0.331	ug/l #	45
28) Bromochloromethane	7.569	49	54	Below Cal	#	8
31) Cyclohexane	8.010	56	12367	1.212	ug/l #	70
36) 1,1-Dichloropropene	8.010	75	31025	4.061	ug/l #	50
38) Carbon Tetrachloride	8.022	117	35184	4.988	ug/l #	18
51) 4-Methyl-2-Pentanone	10.274	43	2661	0.220	ug/l #	83
59) 2-Hexanone	11.021	43	4292	0.466	ug/l #	47
76) 1,2,3-Trichloropropane	12.674	75	180185	21.806	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	180185	47.064	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.204	180	2137	0.401	ug/l	92
95) Naphthalene	15.433	128	10045	2.012	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.627	180	1780	1.650	ug/l #	79

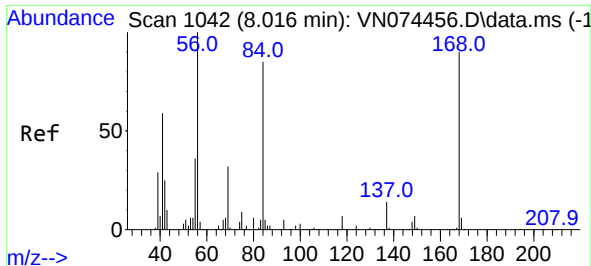
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
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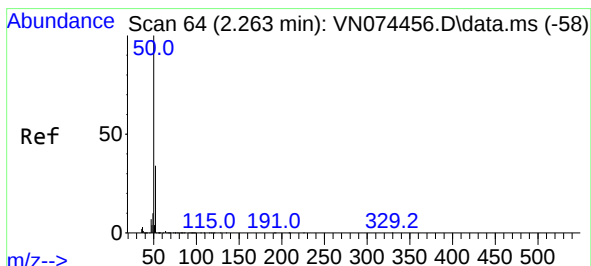
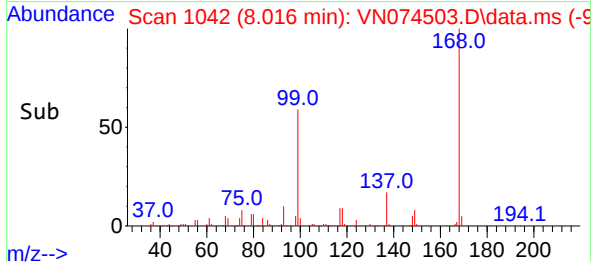
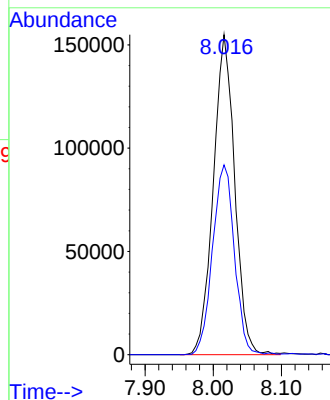
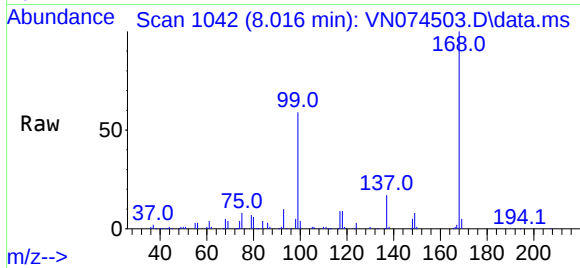




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074503.D
Acq: 16 Sep 2022 12:19

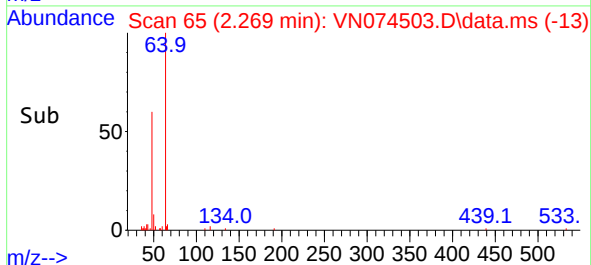
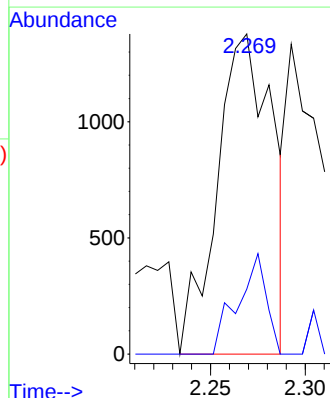
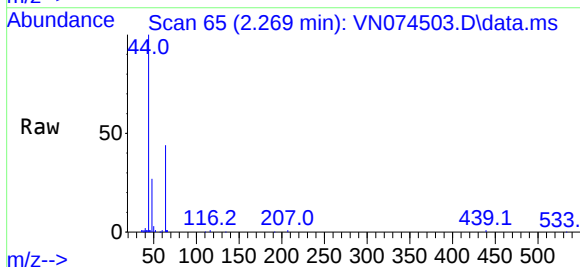
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW5-GW-418-420RE

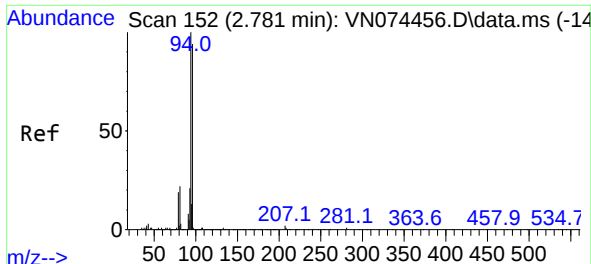
Tgt Ion:168 Resp: 338903
Ion Ratio Lower Upper
168 100
99 59.3 42.3 63.5



#3
Chloromethane
Concen: 0.707 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN074503.D
Acq: 16 Sep 2022 12:19

Tgt Ion: 50 Resp: 2797
Ion Ratio Lower Upper
50 100
52 20.2 25.7 38.5#

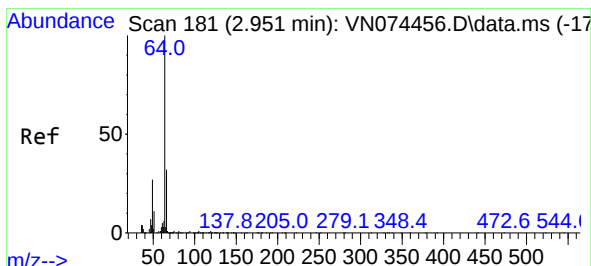
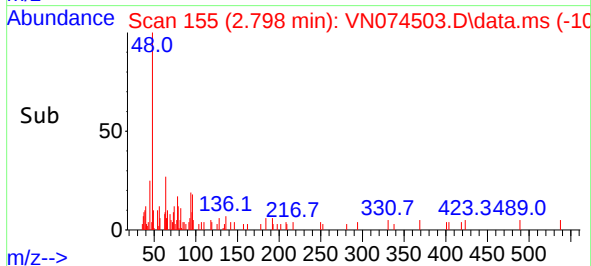
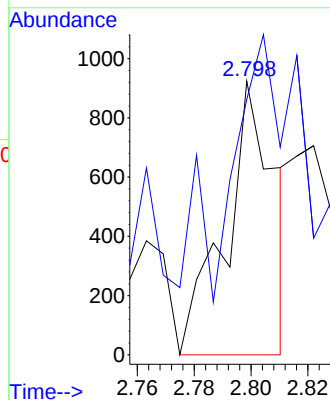
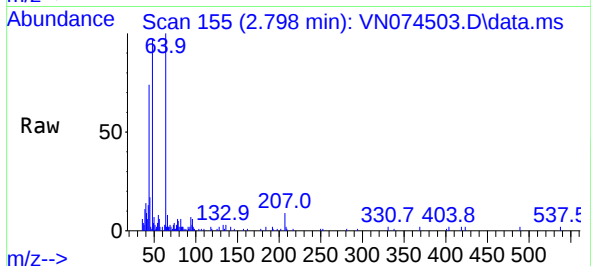




#5
Bromomethane
Concen: 0.314 ug/l
RT: 2.798 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN074503.D
Acq: 16 Sep 2022 12:19

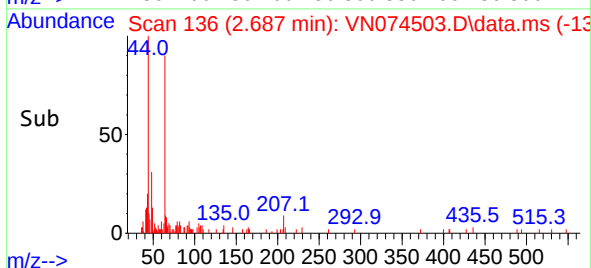
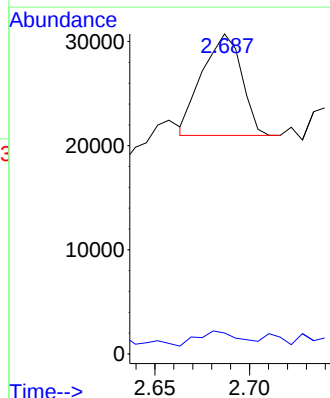
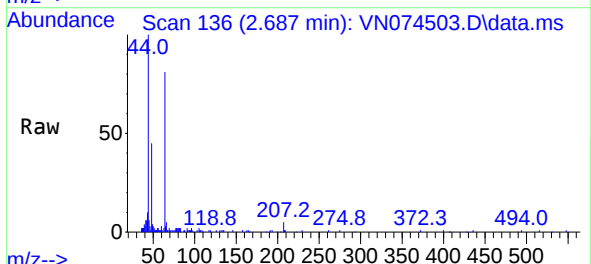
Instrument :
MSVOA_N
ClientSampleId :
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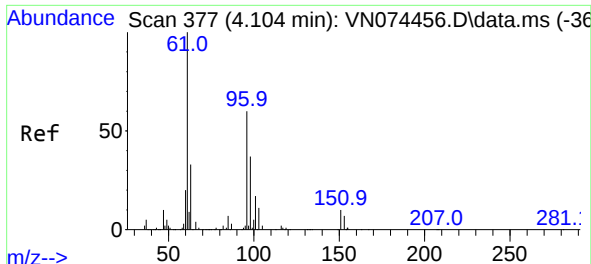
Tgt Ion: 94 Resp: 1098
Ion Ratio Lower Upper
94 100
96 68.7 76.0 114.0#



#6
Chloroethane
Concen: 3.124 ug/l
RT: 2.687 min Scan# 136
Delta R.T. -0.264 min
Lab File: VN074503.D
Acq: 16 Sep 2022 12:19

Tgt Ion: 64 Resp: 14169
Ion Ratio Lower Upper
64 100
66 12.8 26.2 39.4#

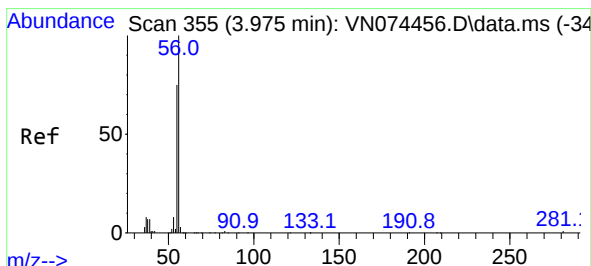
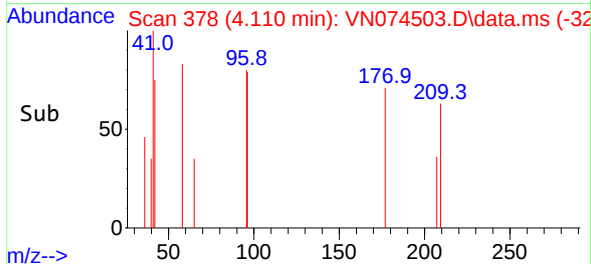
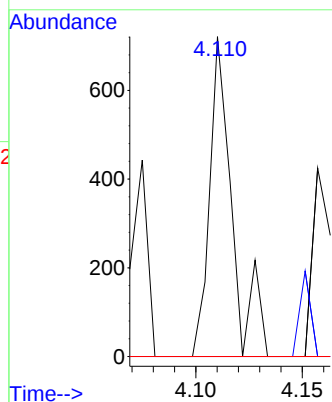
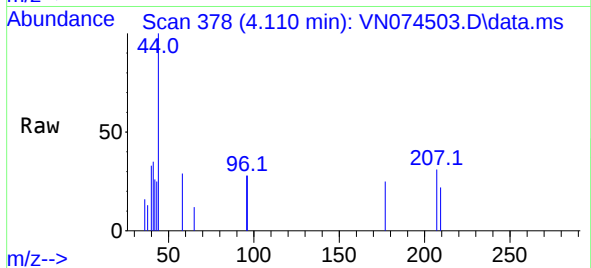




#12
1,1-Dichloroethene
Concen: 0.802 ug/l
RT: 4.110 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN074503.D
Acq: 16 Sep 2022 12:19

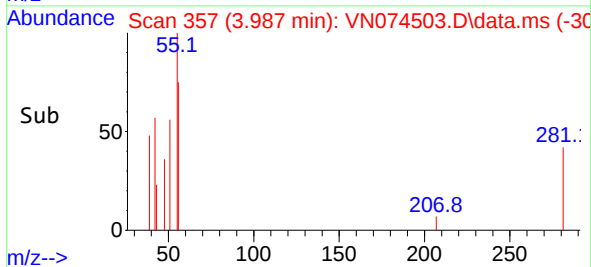
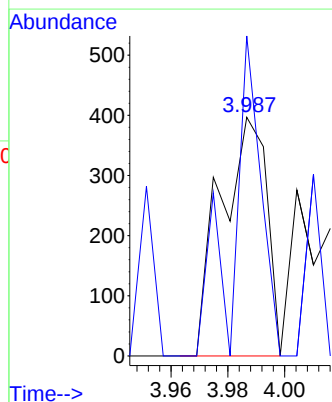
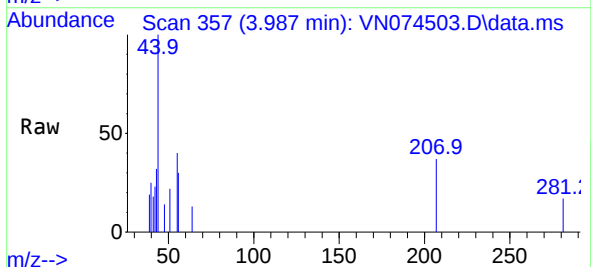
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-418-420RE

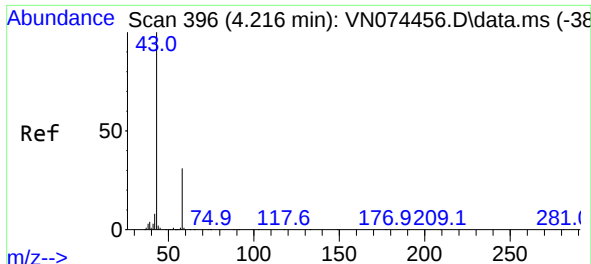
Tgt Ion: 96 Resp: 530
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#



#13
Acrolein
Concen: 0.653 ug/l
RT: 3.987 min Scan# 357
Delta R.T. 0.012 min
Lab File: VN074503.D
Acq: 16 Sep 2022 12:19

Tgt Ion: 56 Resp: 447
Ion Ratio Lower Upper
56 100
55 83.0 54.8 82.2#

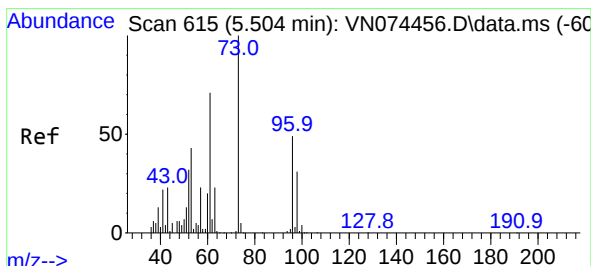
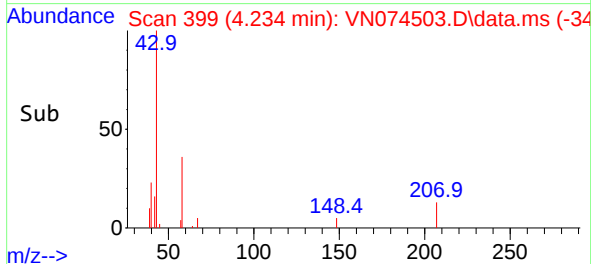
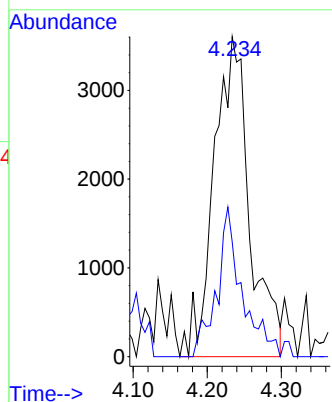
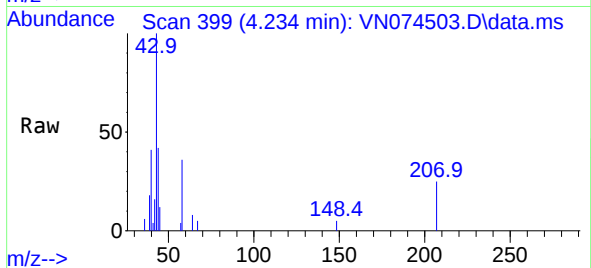




#16
Acetone
Concen: 3.264 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.018 min
Lab File: VN074503.D
Acq: 16 Sep 2022 12:19

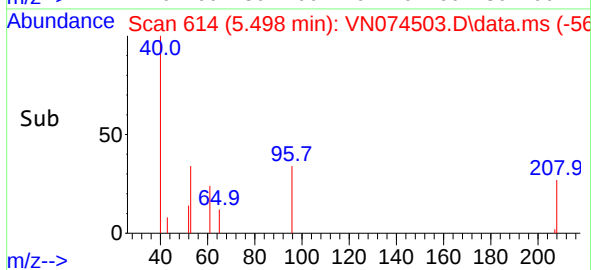
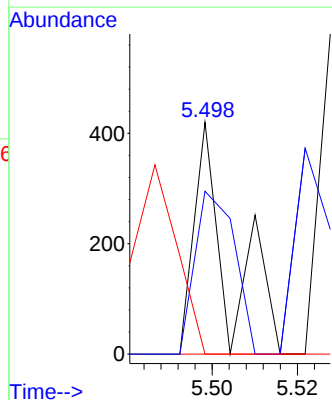
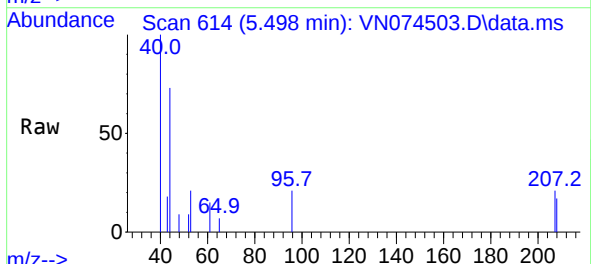
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-418-420RE

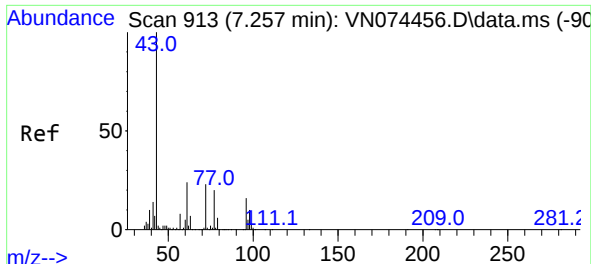
Tgt Ion: 43 Resp: 12009
Ion Ratio Lower Upper
43 100
58 35.9 26.0 39.0



#21
trans-1,2-Dichloroethene
Concen: 0.477 ug/l
RT: 5.498 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN074503.D
Acq: 16 Sep 2022 12:19

Tgt Ion: 96 Resp: 237
Ion Ratio Lower Upper
96 100
61 70.2 105.8 158.8#
98 0.0 50.3 75.5#

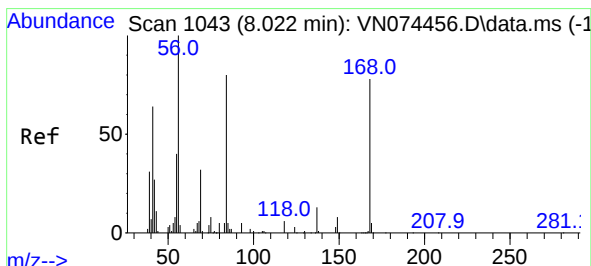
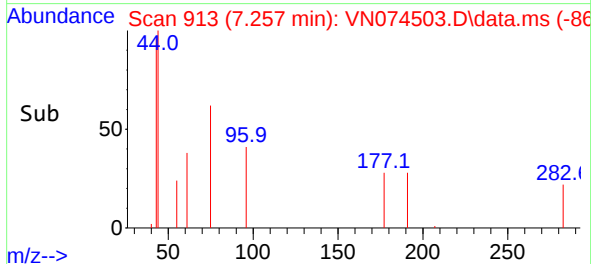
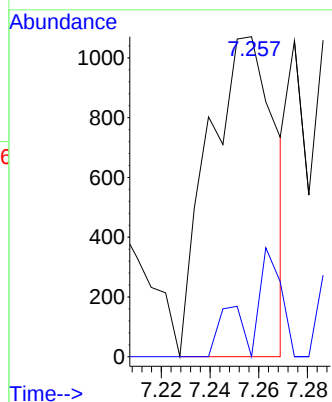
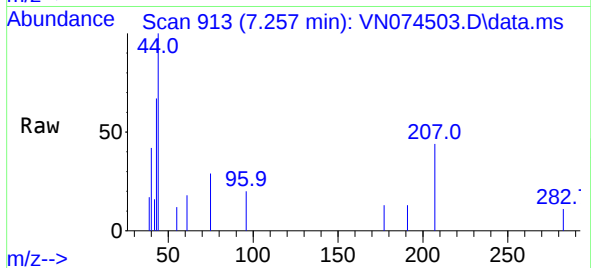




#25
2-Butanone
Concen: 0.331 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074503.D
Acq: 16 Sep 2022 12:19

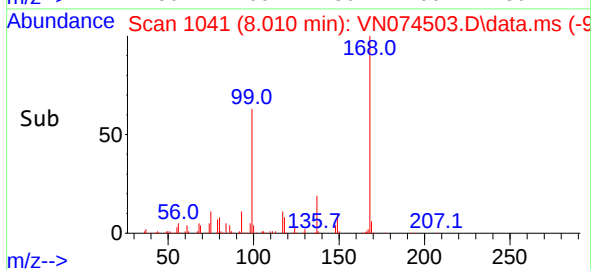
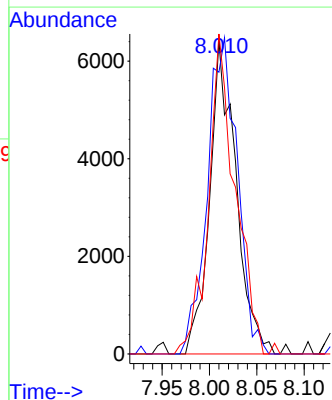
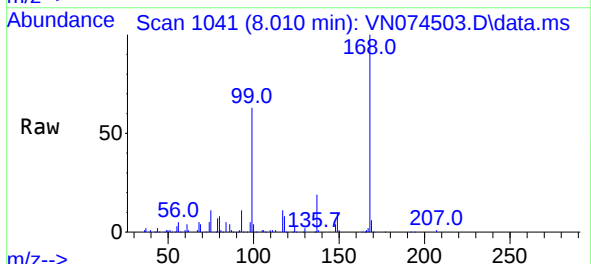
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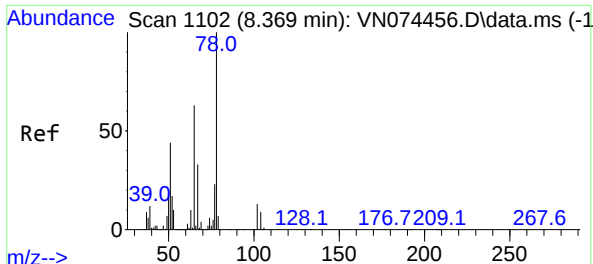
Tgt Ion: 43 Resp: 2022
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.212 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN074503.D
Acq: 16 Sep 2022 12:19

Tgt Ion: 56 Resp: 12367
Ion Ratio Lower Upper
56 100
69 89.9 27.8 41.8#
84 102.2 76.9 115.3

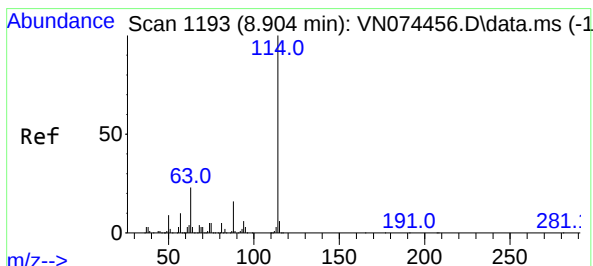
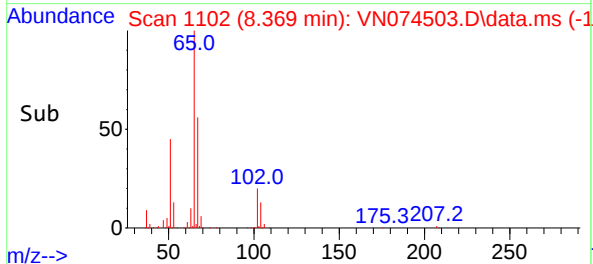
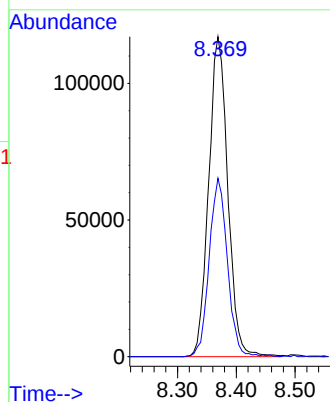
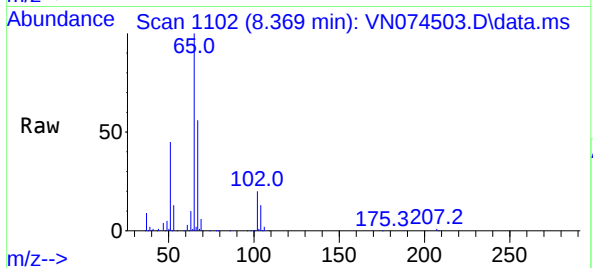




#33
1,2-Dichloroethane-d4
Concen: 45.902 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074503.D
Acq: 16 Sep 2022 12:19

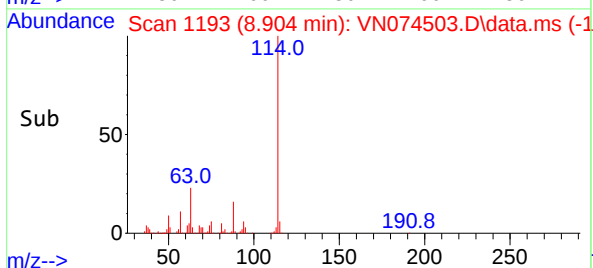
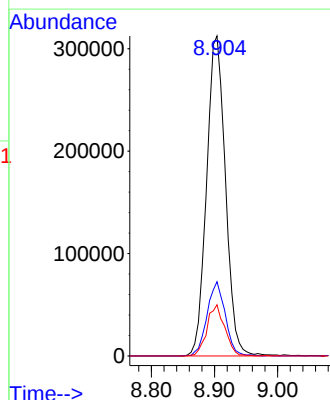
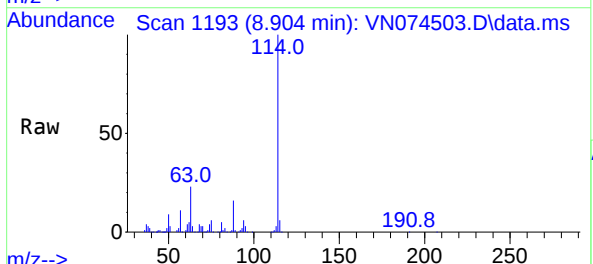
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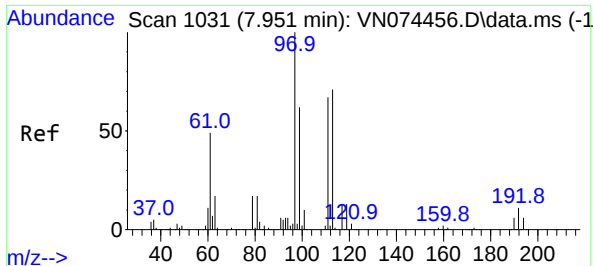
Tgt Ion: 65 Resp: 263951
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN074503.D
Acq: 16 Sep 2022 12:19

Tgt Ion: 114 Resp: 649759
Ion Ratio Lower Upper
114 100
63 23.2 0.0 40.0
88 16.0 0.0 32.6

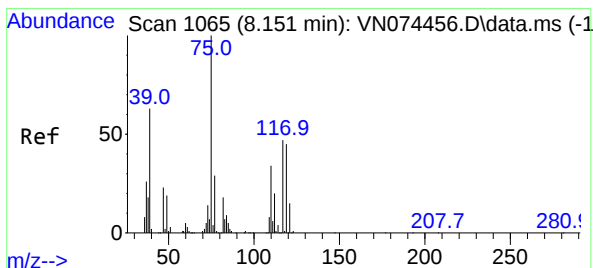
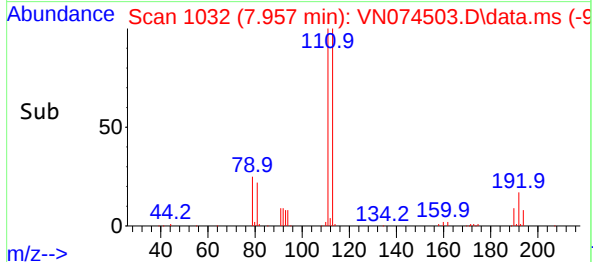
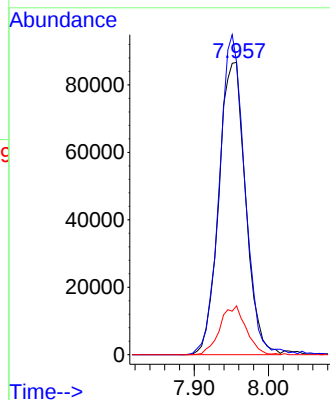
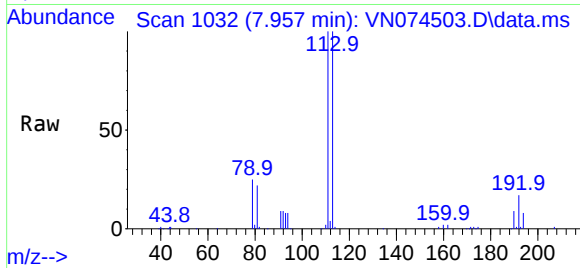




#35
Dibromofluoromethane
Concen: 50.240 ug/l
RT: 7.957 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN074503.D
Acq: 16 Sep 2022 12:19

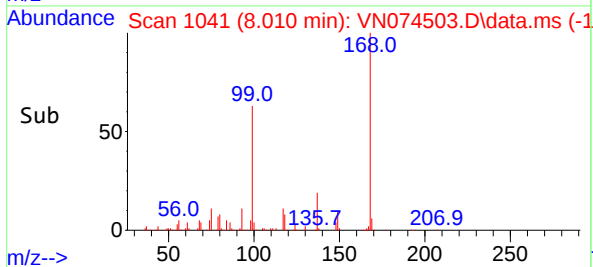
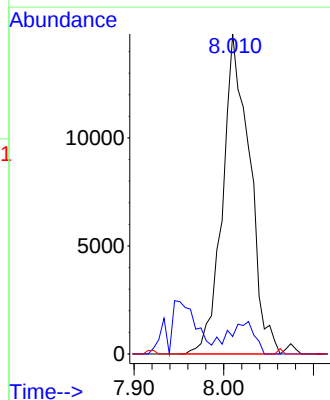
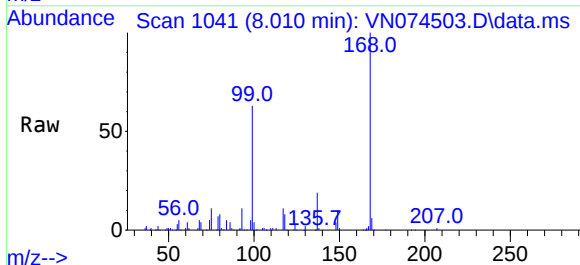
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-418-420RE

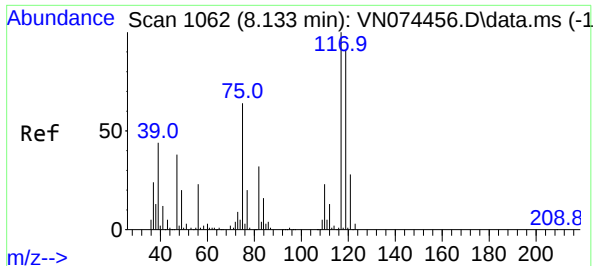
Tgt Ion:113 Resp: 216848
Ion Ratio Lower Upper
113 100
111 104.5 81.4 122.0
192 16.4 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 4.061 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.141 min
Lab File: VN074503.D
Acq: 16 Sep 2022 12:19

Tgt Ion: 75 Resp: 31025
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 25.1 37.7#

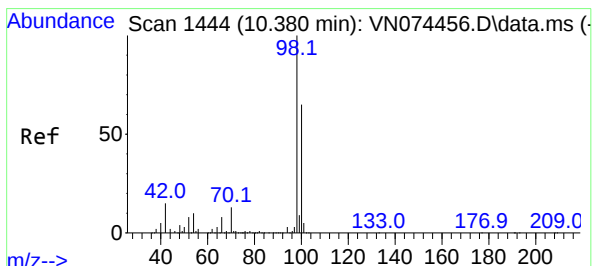
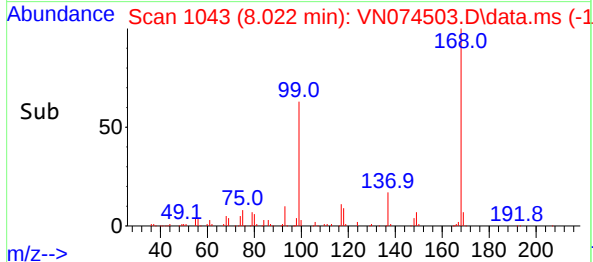
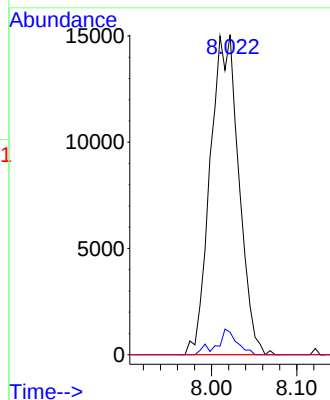
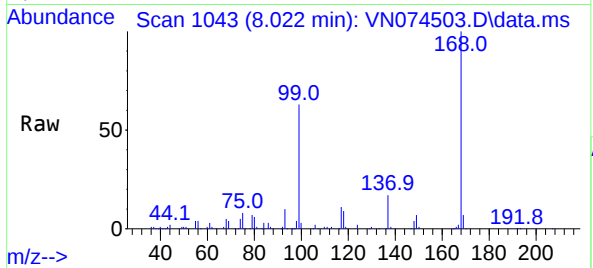




#38
Carbon Tetrachloride
Concen: 4.988 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.111 min
Lab File: VN074503.D
Acq: 16 Sep 2022 12:19

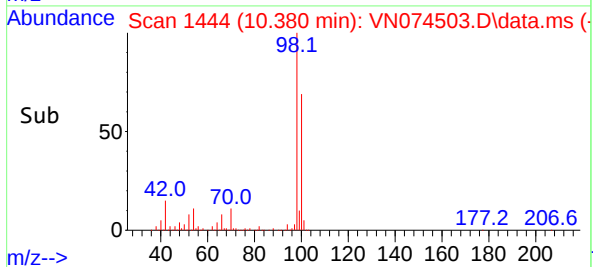
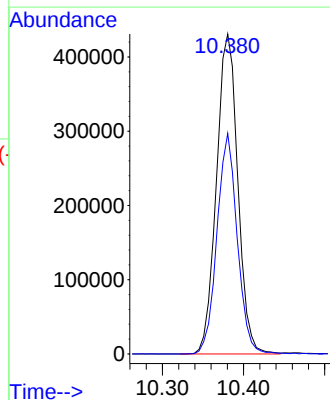
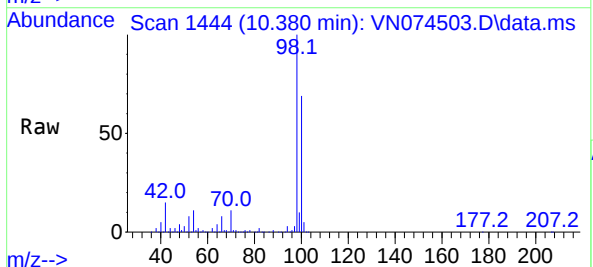
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-418-420RE

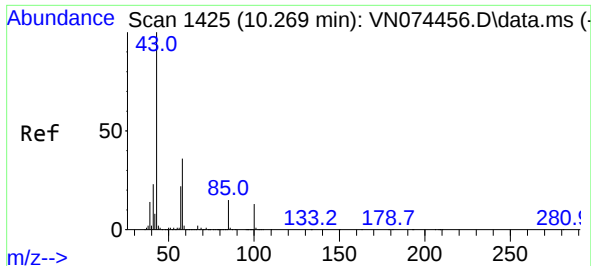
Tgt Ion:117 Resp: 35184
Ion Ratio Lower Upper
117 100
119 7.0 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 47.220 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074503.D
Acq: 16 Sep 2022 12:19

Tgt Ion: 98 Resp: 788225
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8

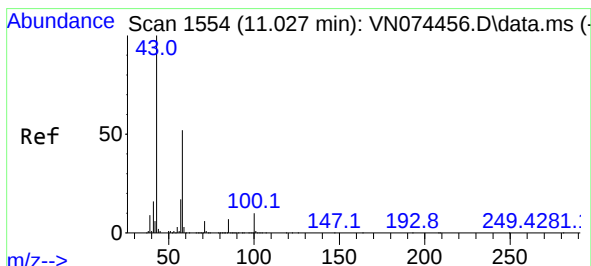
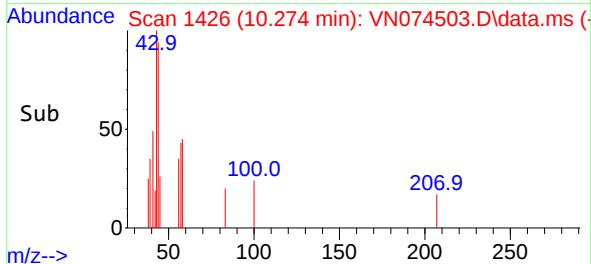
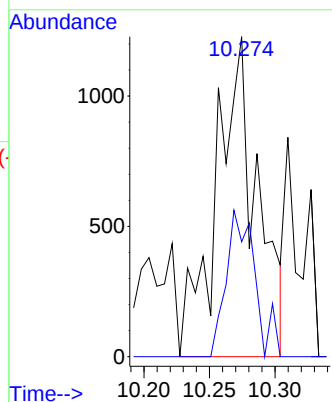
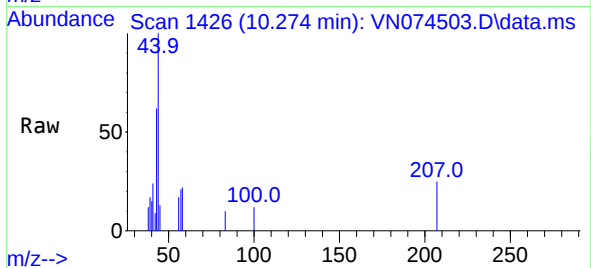




#51
4-Methyl-2-Pentanone
Concen: 0.220 ug/l
RT: 10.274 min Scan# 1426
Delta R.T. 0.005 min
Lab File: VN074503.D
Acq: 16 Sep 2022 12:19

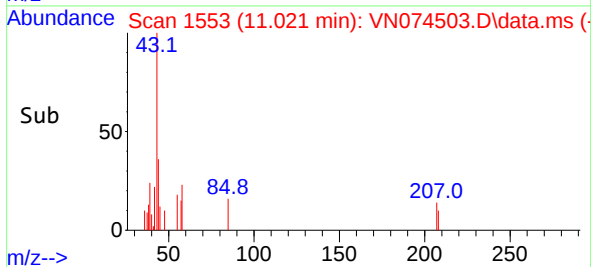
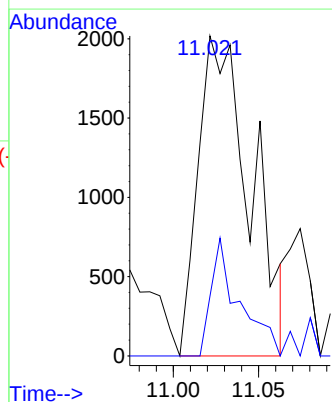
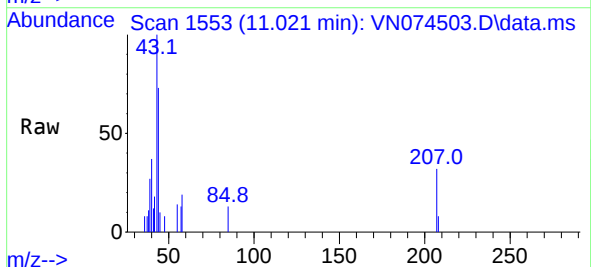
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-418-420RE

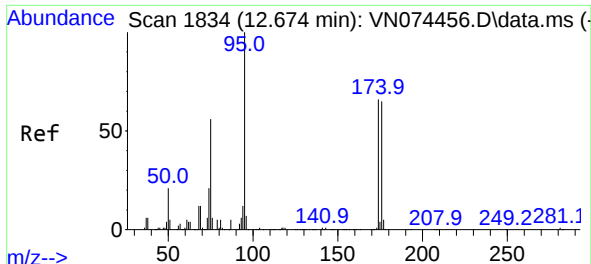
Tgt Ion: 43 Resp: 2661
Ion Ratio Lower Upper
43 100
58 32.0 34.1 51.1#



#59
2-Hexanone
Concen: 0.466 ug/l
RT: 11.021 min Scan# 1553
Delta R.T. -0.006 min
Lab File: VN074503.D
Acq: 16 Sep 2022 12:19

Tgt Ion: 43 Resp: 4292
Ion Ratio Lower Upper
43 100
58 19.9 29.7 89.1#

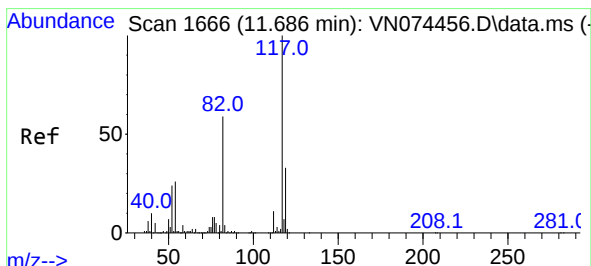
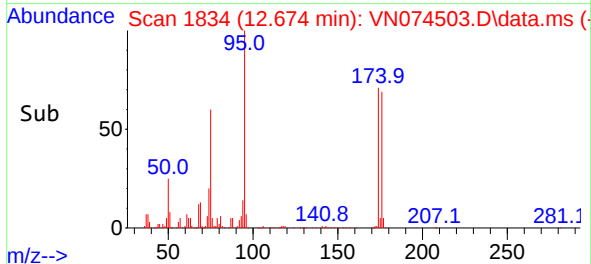
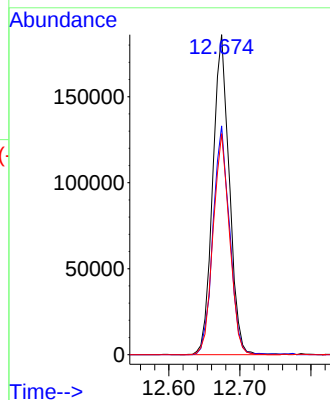
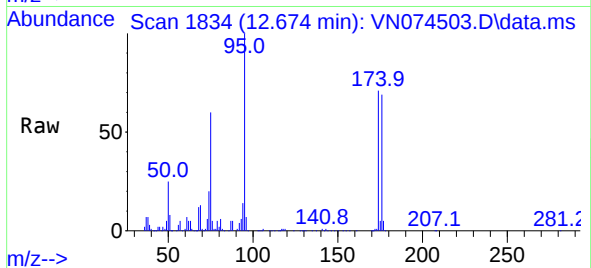




#62
4-Bromofluorobenzene
Concen: 52.506 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074503.D
Acq: 16 Sep 2022 12:19

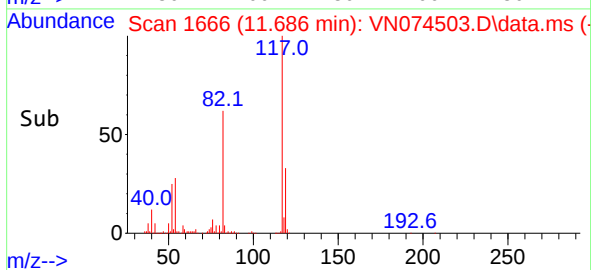
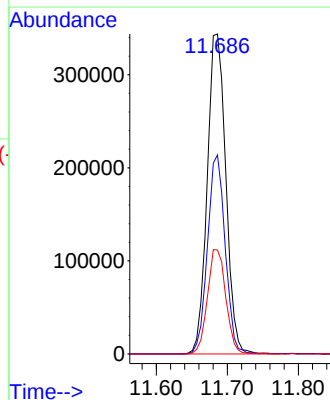
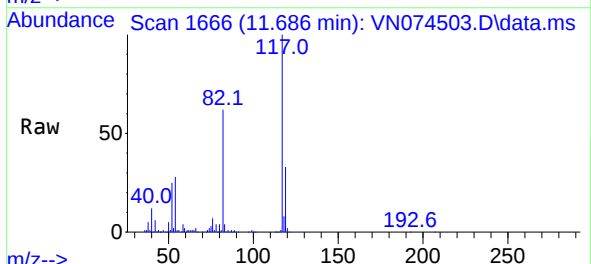
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-418-420RE

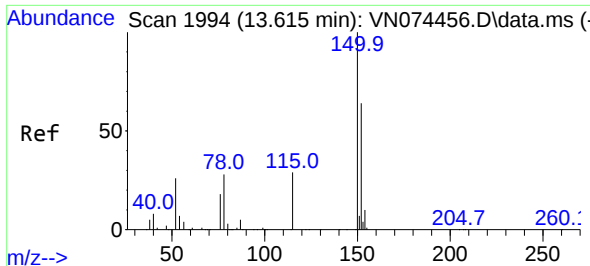
Tgt Ion: 95 Resp: 300181
Ion Ratio Lower Upper
95 100
174 71.5 0.0 167.6
176 68.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074503.D
Acq: 16 Sep 2022 12:19

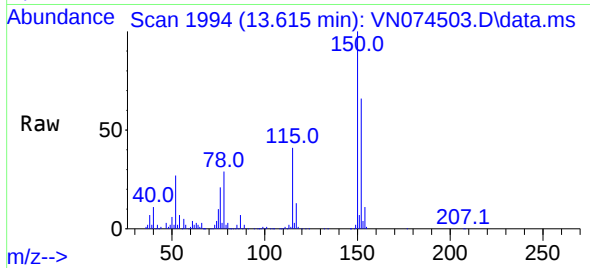
Tgt Ion: 117 Resp: 626359
Ion Ratio Lower Upper
117 100
82 62.1 44.2 66.2
119 32.5 25.4 38.0



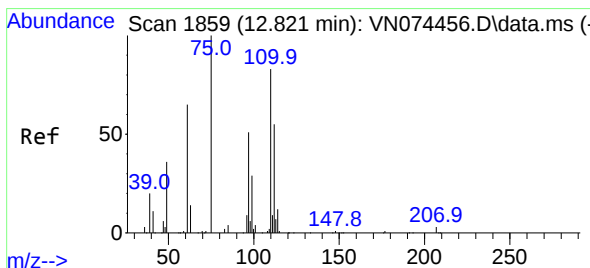
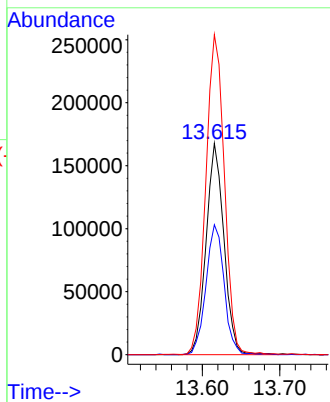
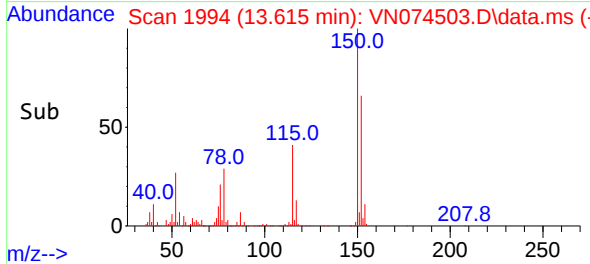


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN074503.D
 Acq: 16 Sep 2022 12:19

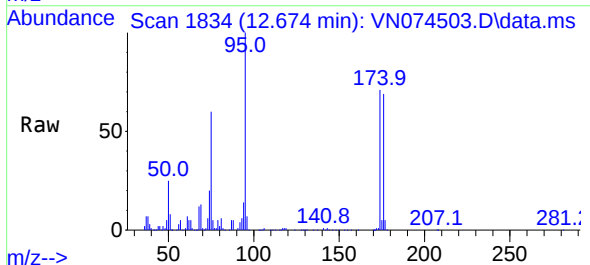
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-418-420RE



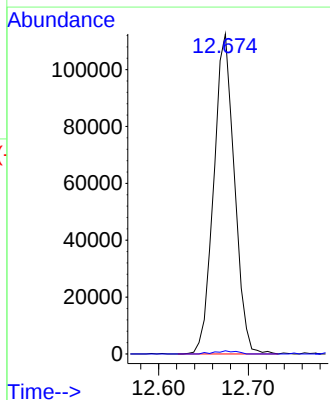
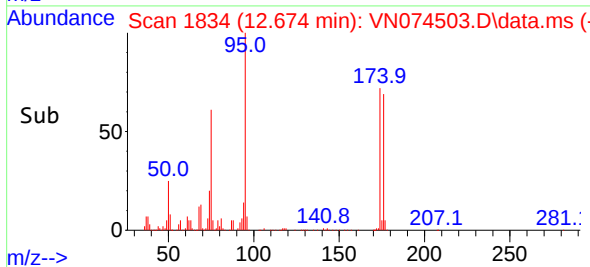
Tgt Ion:152 Resp: 268451
 Ion Ratio Lower Upper
 152 100
 115 62.7 28.9 86.7
 150 157.6 0.0 356.2

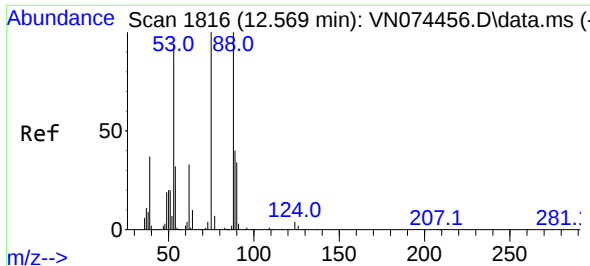


#76
 1,2,3-Trichloropropane
 Concen: 21.806 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.147 min
 Lab File: VN074503.D
 Acq: 16 Sep 2022 12:19



Tgt Ion: 75 Resp: 180185
 Ion Ratio Lower Upper
 75 100
 77 1.0 98.5 295.5#

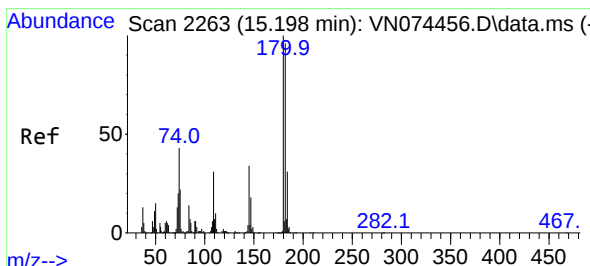
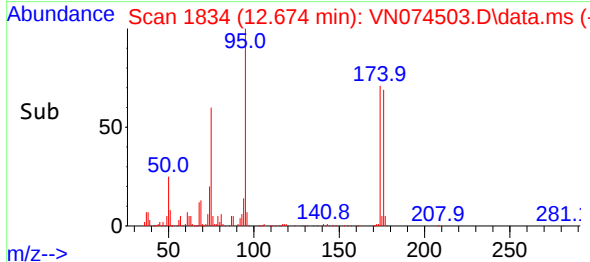
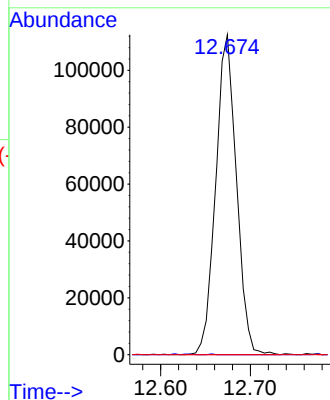
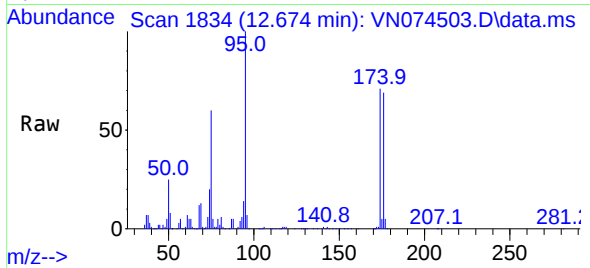




#81
trans-1,4-Dichloro-2-butene
Concen: 47.064 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.105 min
Lab File: VN074503.D
Acq: 16 Sep 2022 12:19

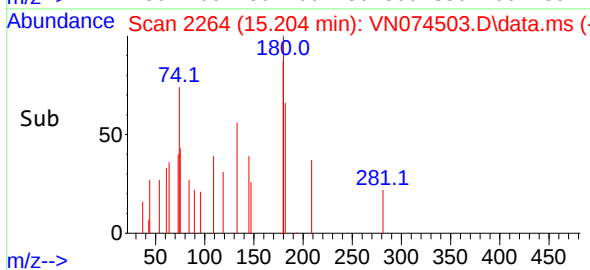
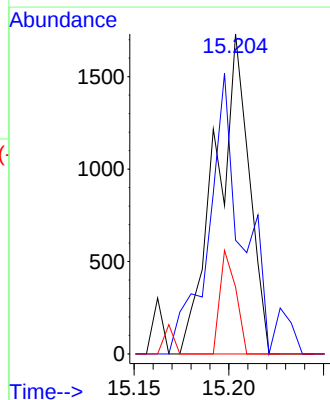
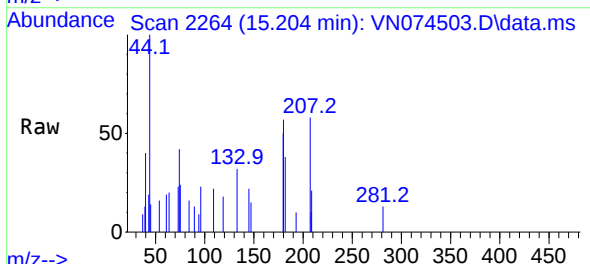
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-418-420RE

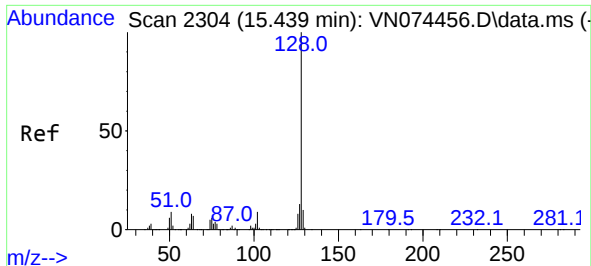
Tgt Ion: 75 Resp: 180185
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.401 ug/l
RT: 15.204 min Scan# 2264
Delta R.T. 0.006 min
Lab File: VN074503.D
Acq: 16 Sep 2022 12:19

Tgt Ion:180 Resp: 2137
Ion Ratio Lower Upper
180 100
182 92.1 47.5 142.5
145 15.2 14.5 43.5

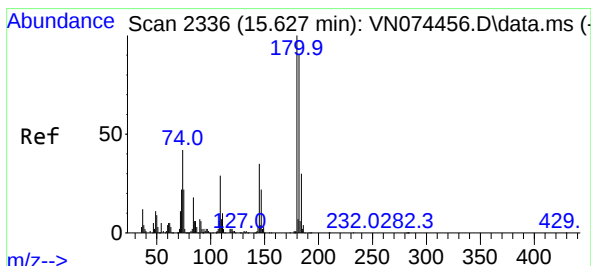
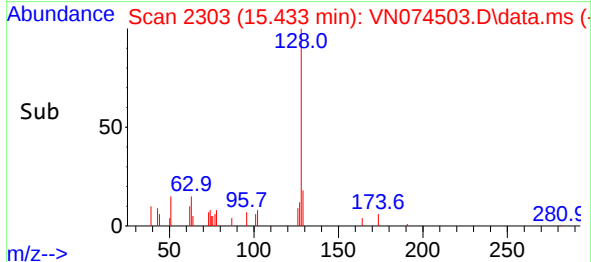
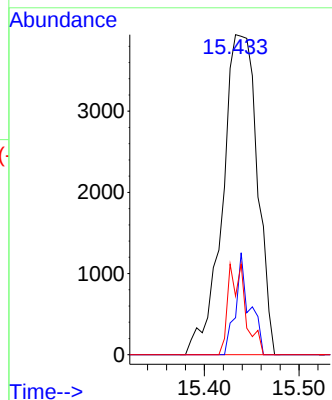
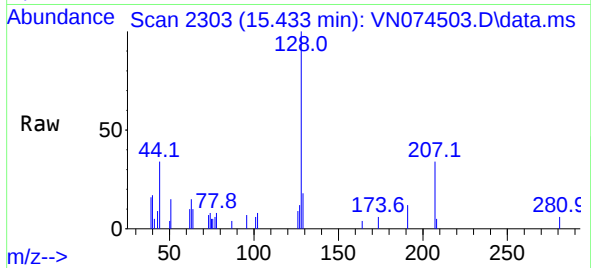




#95
Naphthalene
Concen: 2.012 ug/l
RT: 15.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN074503.D
Acq: 16 Sep 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-418-420RE

Tgt Ion:	128	Resp:	10045
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	14.1	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.650 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN074503.D
Acq: 16 Sep 2022 12:19

Tgt Ion:	180	Resp:	1780
Ion	Ratio	Lower	Upper
180	100		
182	80.1	47.8	143.3
145	10.2	15.5	46.5

