

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074506.D
 Acq On : 16 Sep 2022 13:32
 Operator : JC\MD
 Sample : N4626-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-318-320RE

Quant Time: Sep 16 16:15:20 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

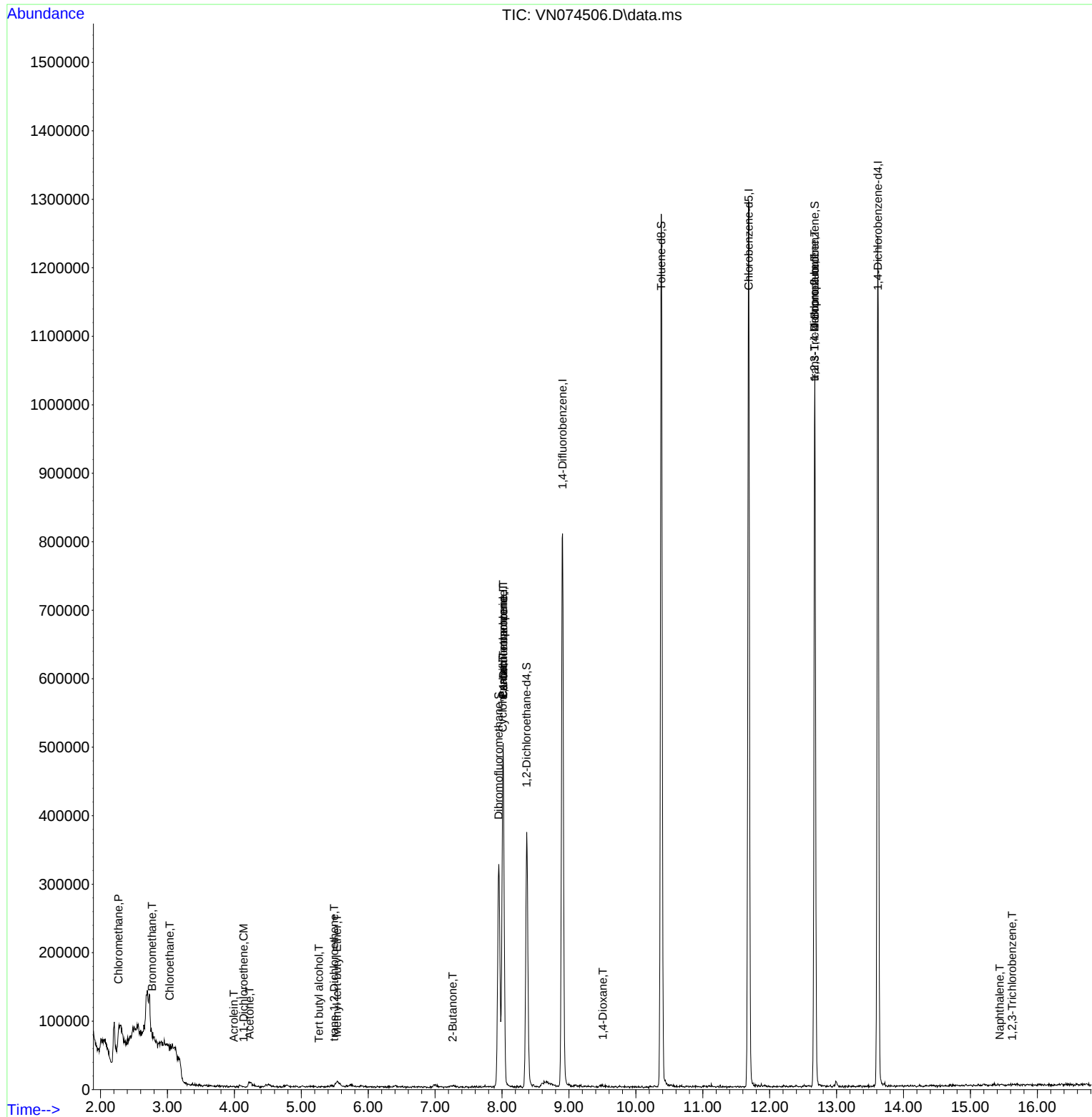
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.016	168	351180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	679810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	655610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	291467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	280692	47.107	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.220%
35) Dibromofluoromethane	7.951	113	232881	51.570	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.140%
50) Toluene-d8	10.381	98	829890	47.519	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.040%
62) 4-Bromofluorobenzene	12.675	95	320480	53.578	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.160%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	2362	0.624	ug/l #	86
5) Bromomethane	2.769	94	772	0.213	ug/l #	64
6) Chloroethane	3.034	64	4386	0.933	ug/l #	45
11) Tert butyl alcohol	5.263	59	621	0.320	ug/l #	72
12) 1,1-Dichloroethene	4.140	96	68	0.699	ug/l #	1
13) Acrolein	3.993	56	571	0.806	ug/l #	33
16) Acetone	4.228	43	12915	3.387	ug/l #	84
19) Methyl tert-butyl Ether	5.534	73	6139	0.315	ug/l	91
21) trans-1,2-Dichloroethene	5.493	96	79	0.444	ug/l #	1
25) 2-Butanone	7.263	43	4435	0.701	ug/l #	63
31) Cyclohexane	8.010	56	11153	1.055	ug/l #	35
36) 1,1-Dichloropropene	8.016	75	34677	4.338	ug/l #	47
38) Carbon Tetrachloride	8.016	117	36845	4.993	ug/l #	20
49) 1,4-Dioxane	9.504	88	248	1.505	ug/l #	34
76) 1,2,3-Trichloropropane	12.669	75	196058	21.853	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	196058	47.166	ug/l #	10
95) Naphthalene	15.439	128	1744	1.657	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.621	180	107	1.354	ug/l #	60

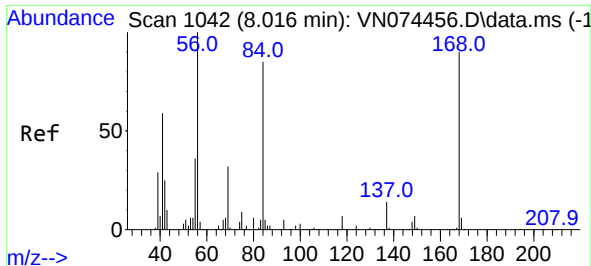
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-RW5-GW-318-320RE

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Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration

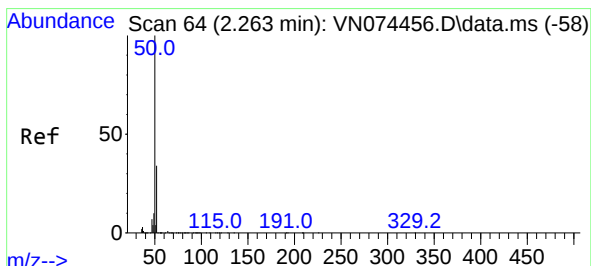
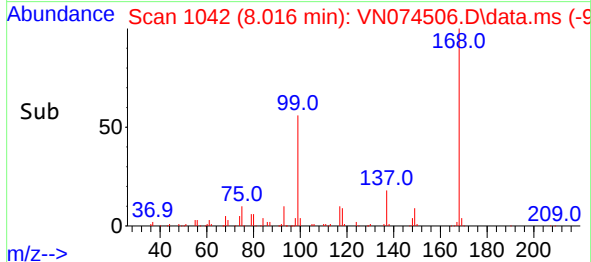
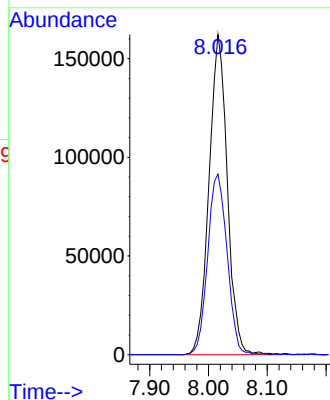
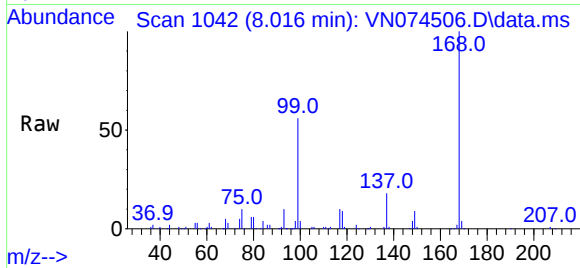




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074506.D
Acq: 16 Sep 2022 13:32

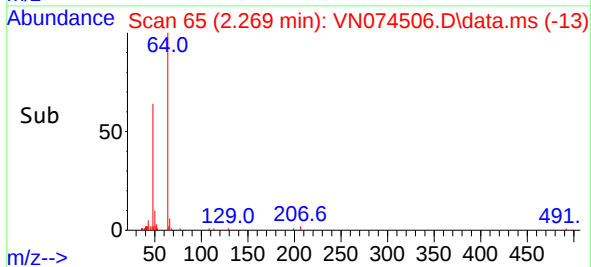
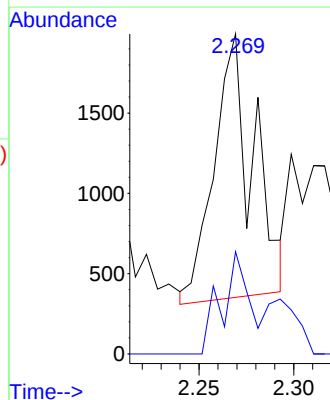
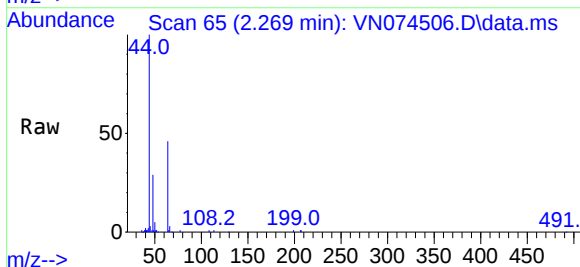
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-318-320RE

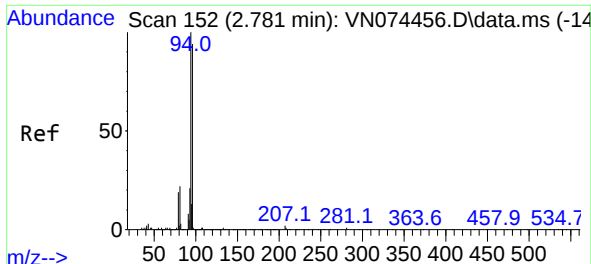
Tgt Ion:168 Resp: 351180
Ion Ratio Lower Upper
168 100
99 56.4 42.3 63.5



#3
Chloromethane
Concen: 0.624 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN074506.D
Acq: 16 Sep 2022 13:32

Tgt Ion: 50 Resp: 2362
Ion Ratio Lower Upper
50 100
52 39.7 25.7 38.5#

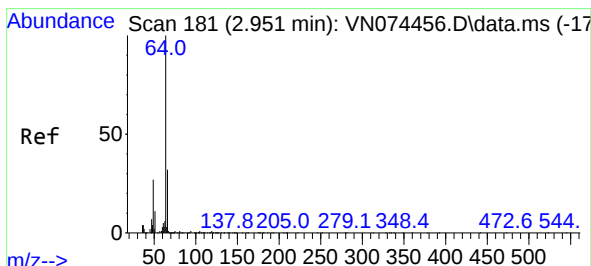
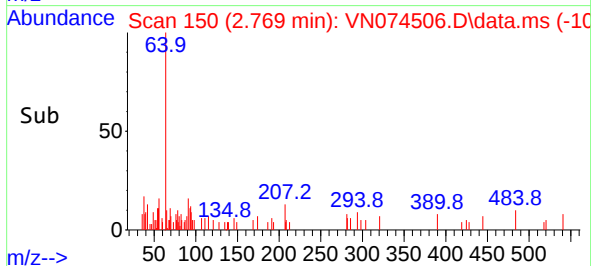
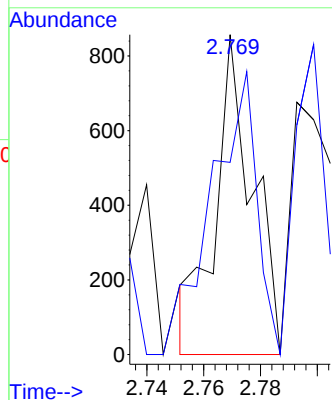
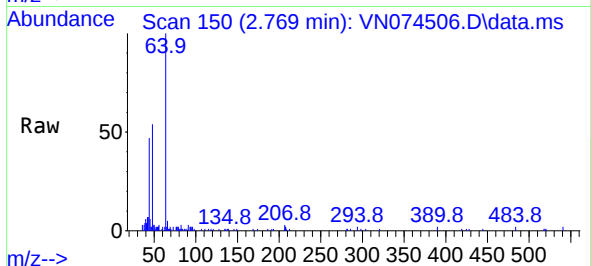




#5
Bromomethane
Concen: 0.213 ug/l
RT: 2.769 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN074506.D
Acq: 16 Sep 2022 13:32

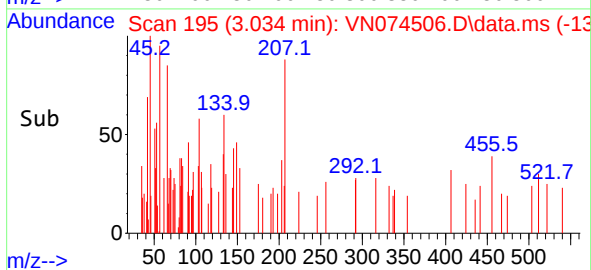
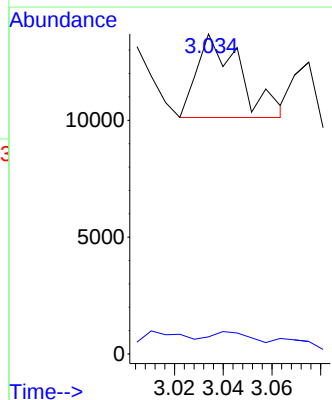
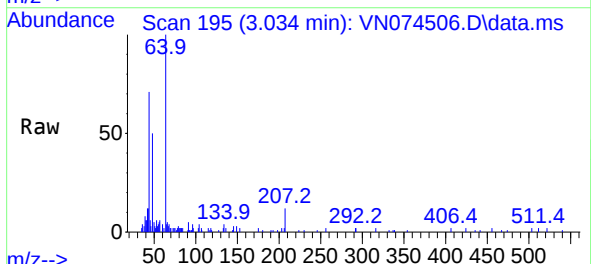
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-318-320RE

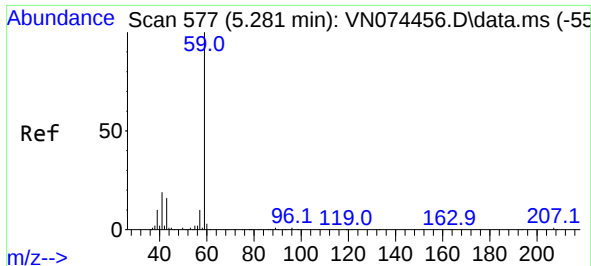
Tgt Ion: 94 Resp: 772
Ion Ratio Lower Upper
94 100
96 60.1 76.0 114.0#



#6
Chloroethane
Concen: 0.933 ug/l
RT: 3.034 min Scan# 195
Delta R.T. 0.083 min
Lab File: VN074506.D
Acq: 16 Sep 2022 13:32

Tgt Ion: 64 Resp: 4386
Ion Ratio Lower Upper
64 100
66 1.9 26.2 39.4#

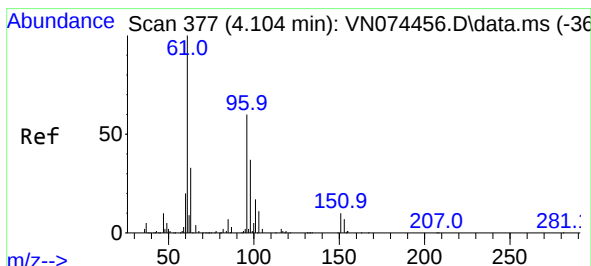
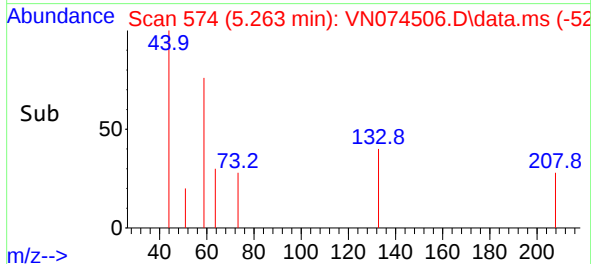
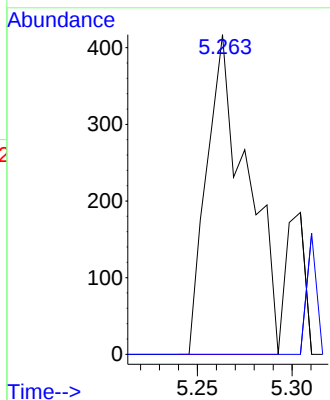
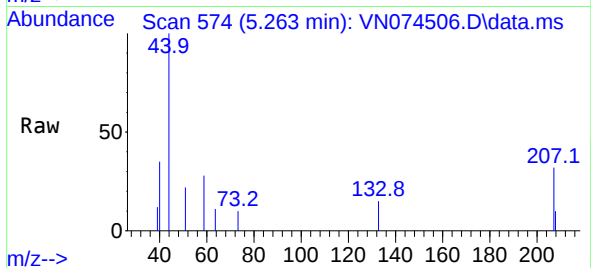




#11
Tert butyl alcohol
Concen: 0.320 ug/l
RT: 5.263 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN074506.D
Acq: 16 Sep 2022 13:32

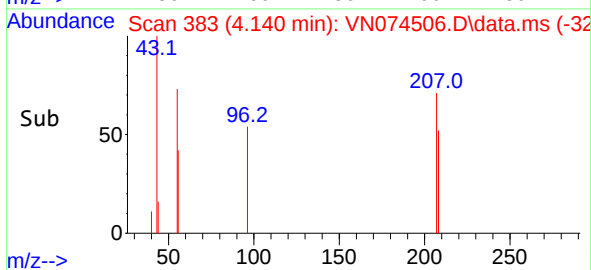
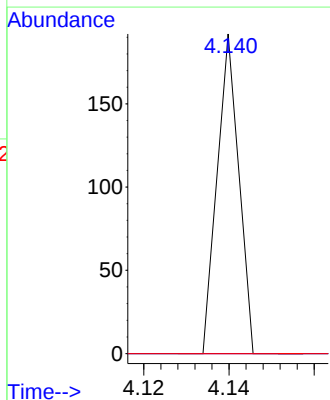
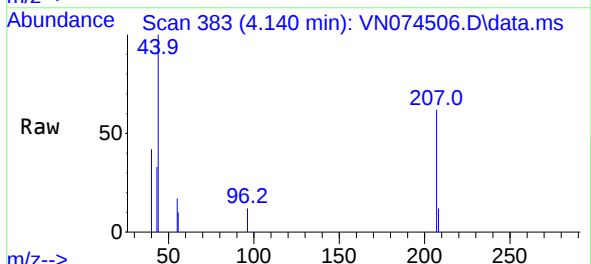
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-318-320RE

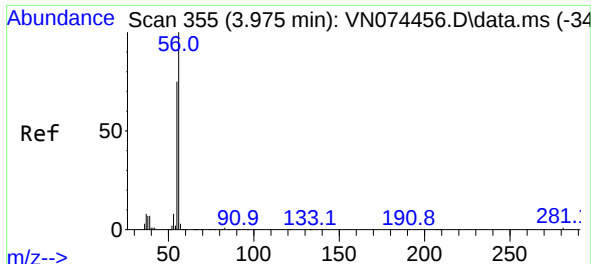
Tgt Ion: 59 Resp: 621
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 0.699 ug/l
RT: 4.140 min Scan# 383
Delta R.T. 0.036 min
Lab File: VN074506.D
Acq: 16 Sep 2022 13:32

Tgt Ion: 96 Resp: 68
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#

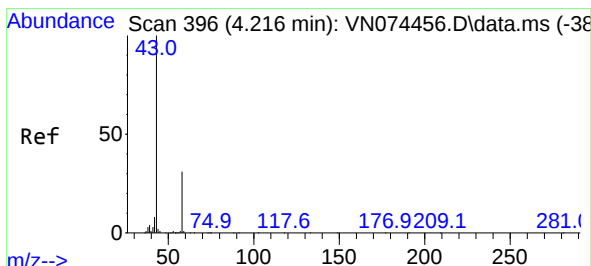
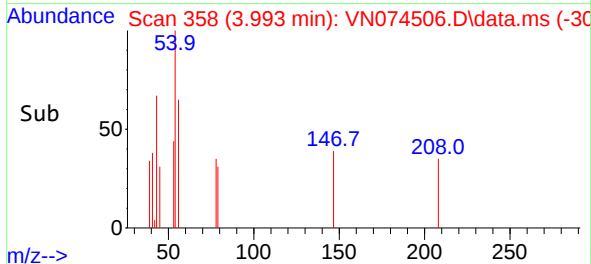
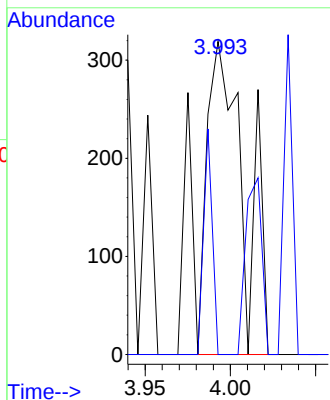
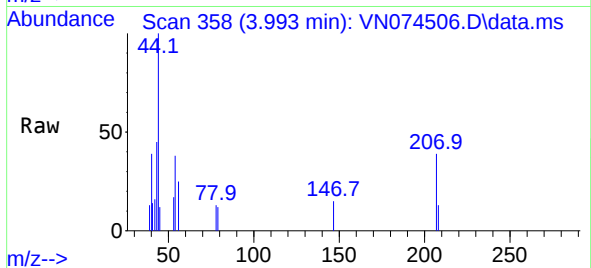




#13
Acrolein
Concen: 0.806 ug/l
RT: 3.993 min Scan# 31
Delta R.T. 0.018 min
Lab File: VN074506.D
Acq: 16 Sep 2022 13:32

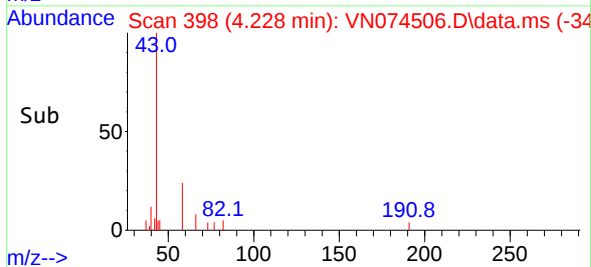
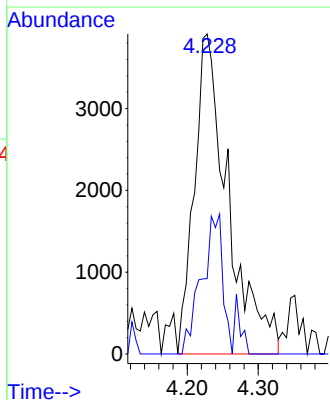
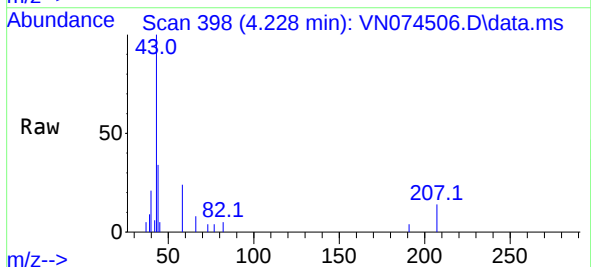
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-318-320RE

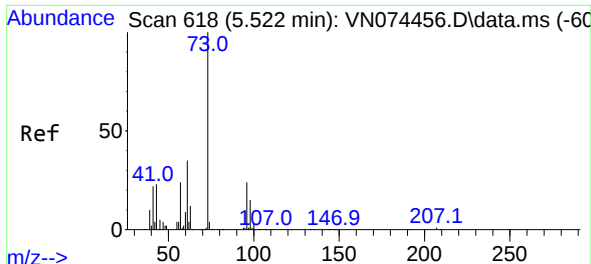
Tgt Ion: 56 Resp: 571
Ion Ratio Lower Upper
56 100
55 14.2 54.8 82.2#



#16
Acetone
Concen: 3.387 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.012 min
Lab File: VN074506.D
Acq: 16 Sep 2022 13:32

Tgt Ion: 43 Resp: 12915
Ion Ratio Lower Upper
43 100
58 23.5 26.0 39.0#





#19

Methyl tert-butyl Ether

Concen: 0.315 ug/l

RT: 5.534 min Scan# 61

Delta R.T. 0.012 min

Lab File: VN074506.D

Acq: 16 Sep 2022 13:32

Instrument :

MSVOA_N

ClientSampleId :

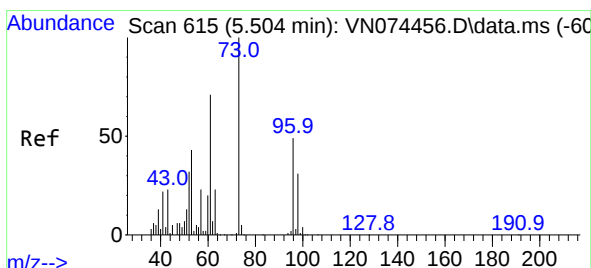
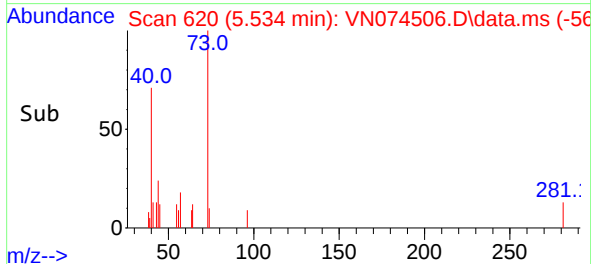
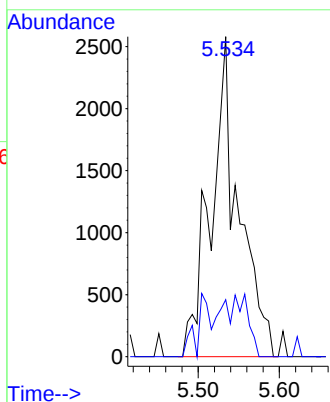
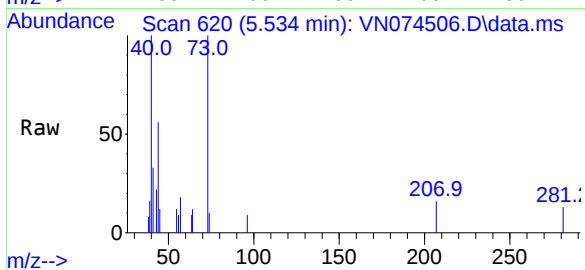
BP-VPB-RW5-GW-318-320RE

Tgt Ion: 73 Resp: 6139

Ion Ratio Lower Upper

73 100

57 17.8 17.6 26.4



#21

trans-1,2-Dichloroethene

Concen: 0.444 ug/l

RT: 5.493 min Scan# 613

Delta R.T. -0.011 min

Lab File: VN074506.D

Acq: 16 Sep 2022 13:32

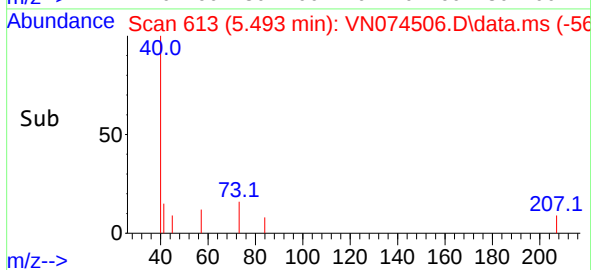
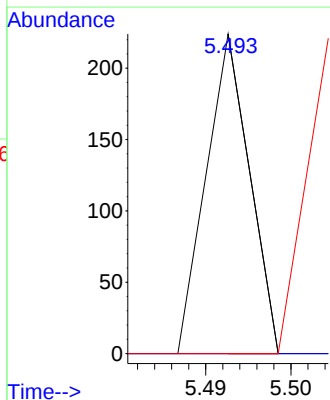
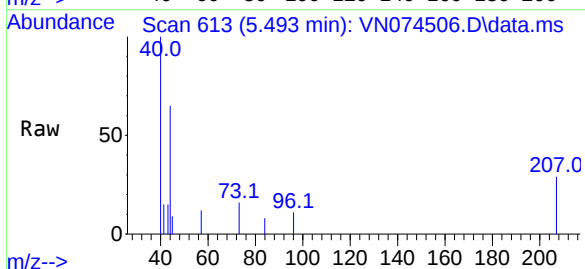
Tgt Ion: 96 Resp: 79

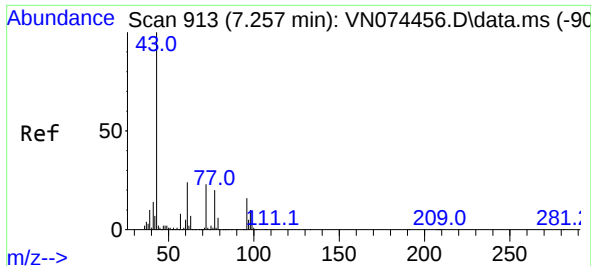
Ion Ratio Lower Upper

96 100

61 0.0 105.8 158.8#

98 0.0 50.3 75.5#

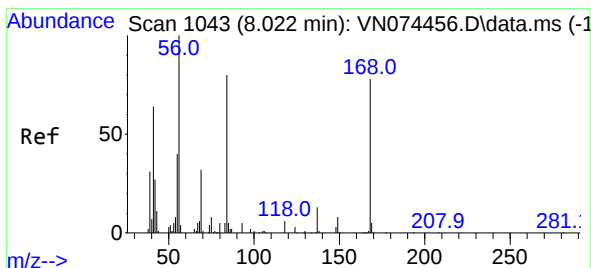
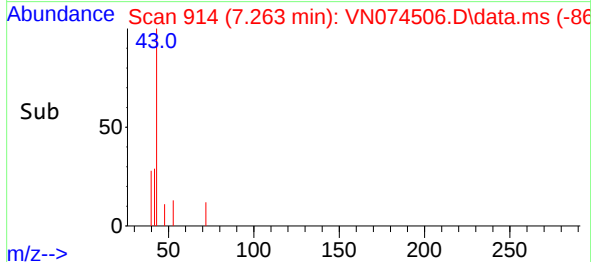
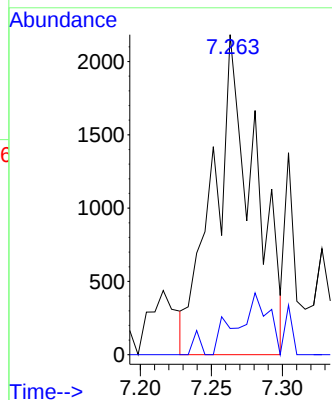
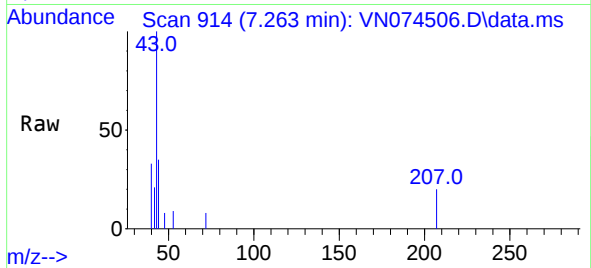




#25
2-Butanone
Concen: 0.701 ug/l
RT: 7.263 min Scan# 913
Delta R.T. 0.006 min
Lab File: VN074506.D
Acq: 16 Sep 2022 13:32

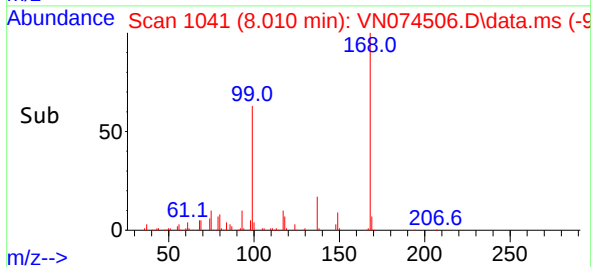
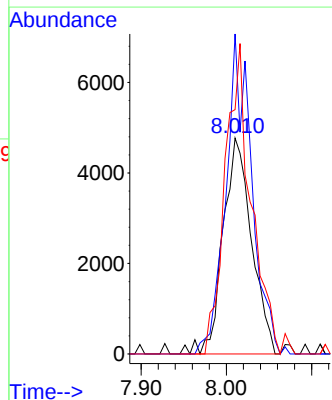
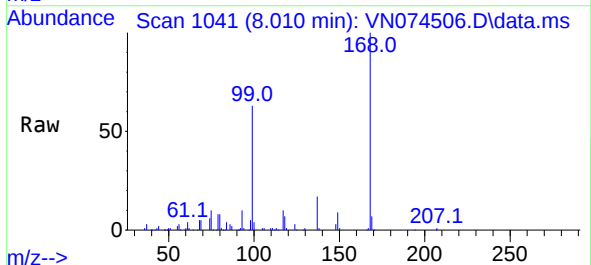
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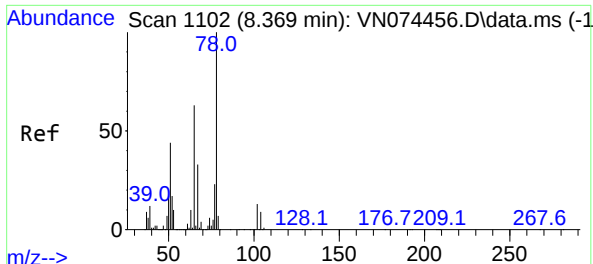
Tgt Ion: 43 Resp: 4435
Ion Ratio Lower Upper
43 100
72 9.5 23.7 35.5#



#31
Cyclohexane
Concen: 1.055 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN074506.D
Acq: 16 Sep 2022 13:32

Tgt Ion: 56 Resp: 11153
Ion Ratio Lower Upper
56 100
69 148.2 27.8 41.8#
84 113.1 76.9 115.3

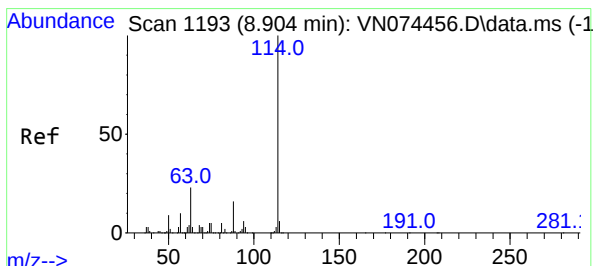
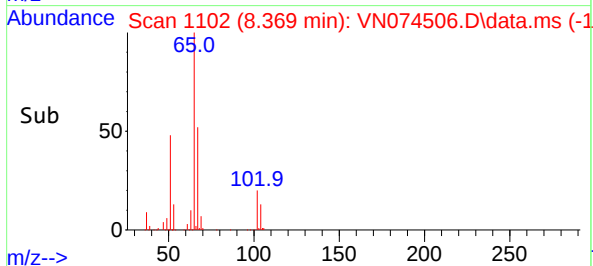
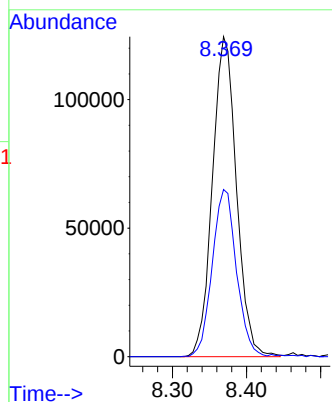
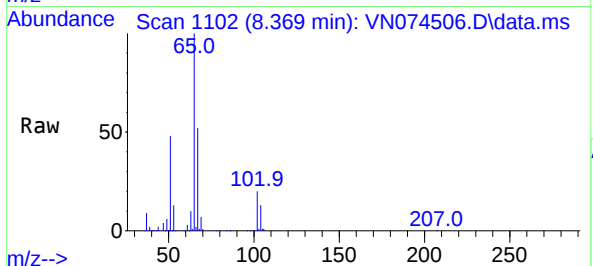




#33
1,2-Dichloroethane-d4
Concen: 47.107 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074506.D
Acq: 16 Sep 2022 13:32

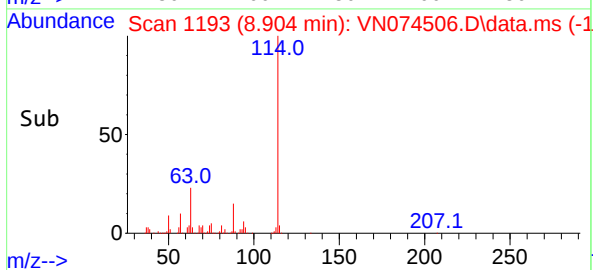
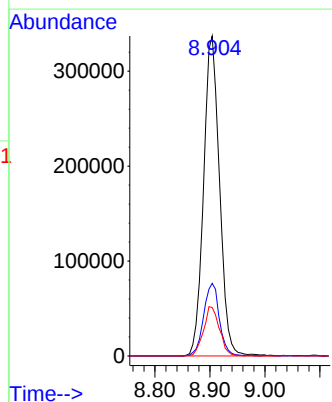
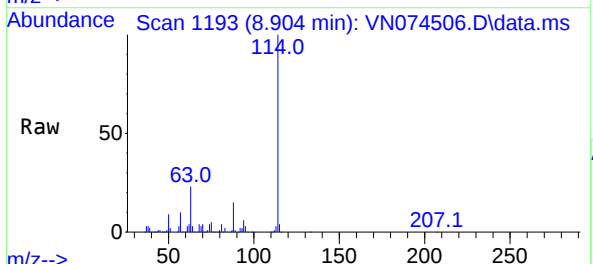
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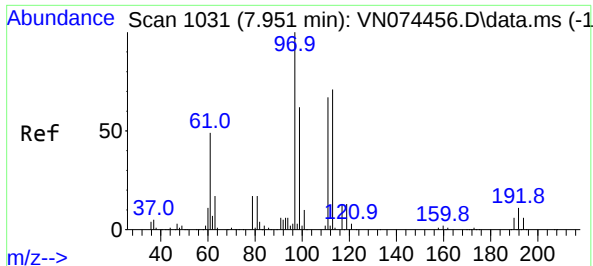
Tgt Ion: 65 Resp: 280692
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074506.D
Acq: 16 Sep 2022 13:32

Tgt Ion: 114 Resp: 679810
Ion Ratio Lower Upper
114 100
63 22.7 0.0 40.0
88 15.1 0.0 32.6

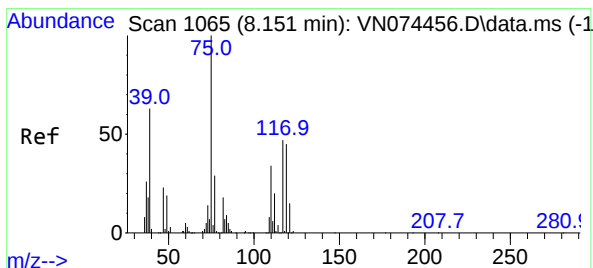
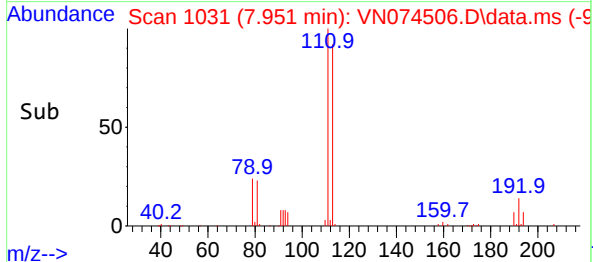
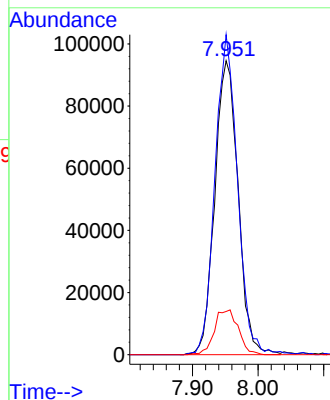
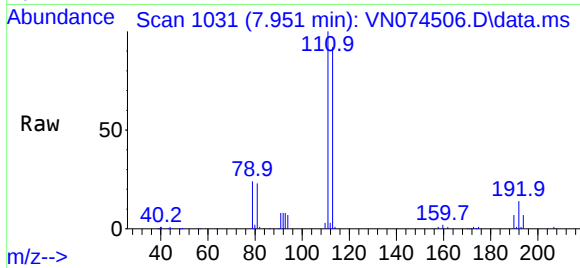




#35
Dibromofluoromethane
Concen: 51.570 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074506.D
Acq: 16 Sep 2022 13:32

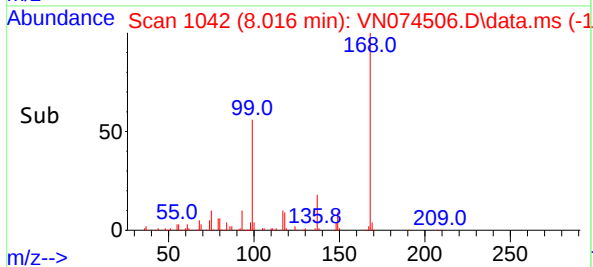
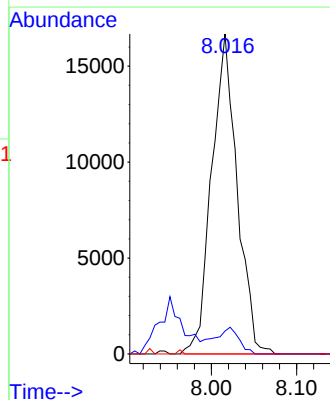
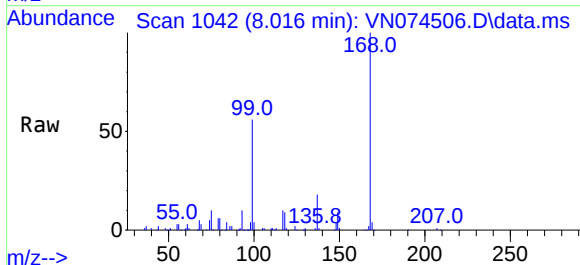
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-318-320RE

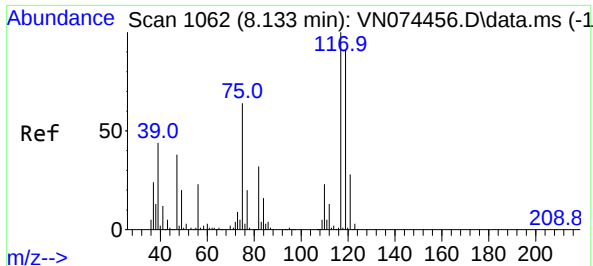
Tgt Ion:113 Resp: 232881
Ion Ratio Lower Upper
113 100
111 105.2 81.4 122.0
192 15.7 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 4.338 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074506.D
Acq: 16 Sep 2022 13:32

Tgt Ion: 75 Resp: 34677
Ion Ratio Lower Upper
75 100
110 6.7 18.3 54.8#
77 0.0 25.1 37.7#

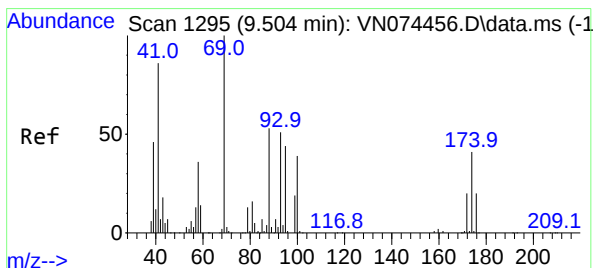
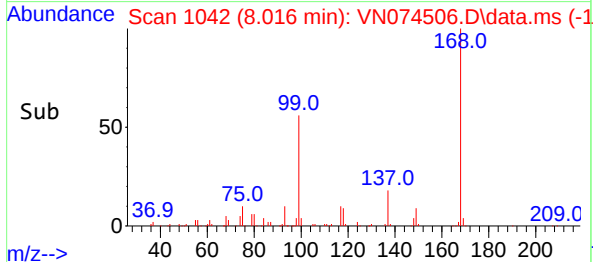
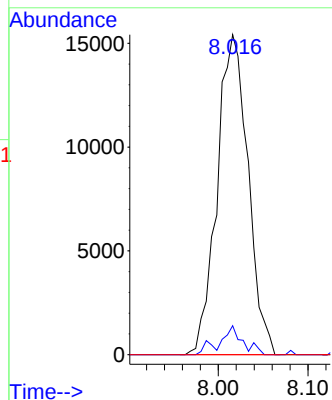
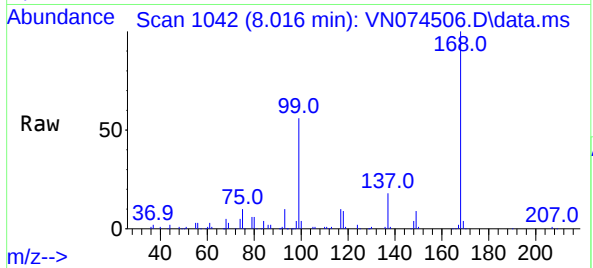




#38
Carbon Tetrachloride
Concen: 4.993 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074506.D
Acq: 16 Sep 2022 13:32

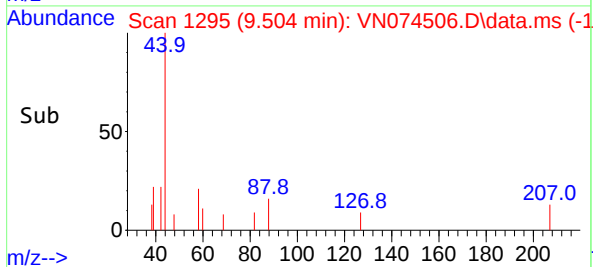
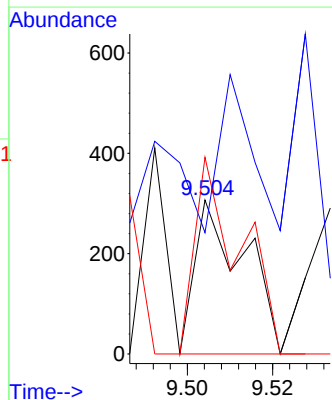
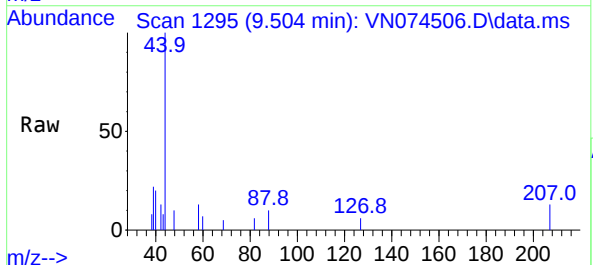
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW5-GW-318-320RE

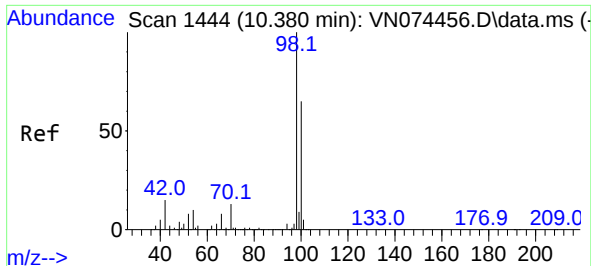
Tgt Ion:117 Resp: 36845
Ion Ratio Lower Upper
117 100
119 9.1 75.8 113.8#
121 0.0 24.6 37.0#



#49
1,4-Dioxane
Concen: 1.505 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN074506.D
Acq: 16 Sep 2022 13:32

Tgt Ion: 88 Resp: 248
Ion Ratio Lower Upper
88 100
43 65.3 20.2 30.4#
58 116.9 54.2 81.4#

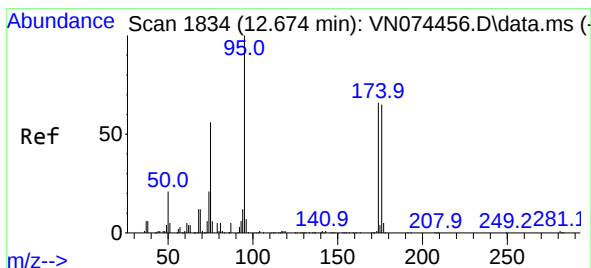
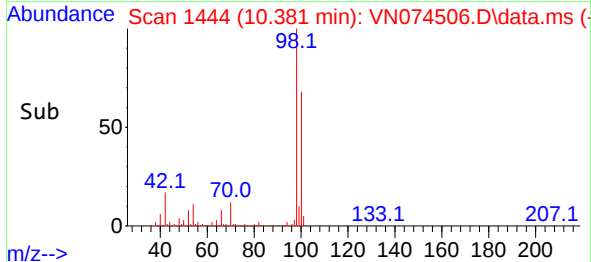
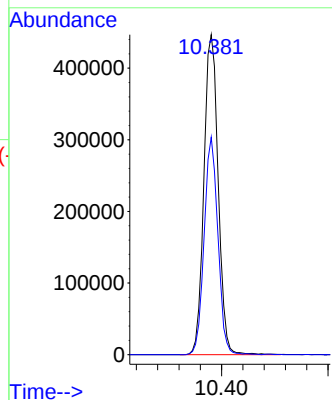
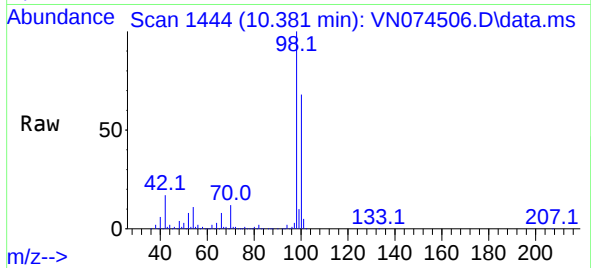




#50
Toluene-d8
Concen: 47.519 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074506.D
Acq: 16 Sep 2022 13:32

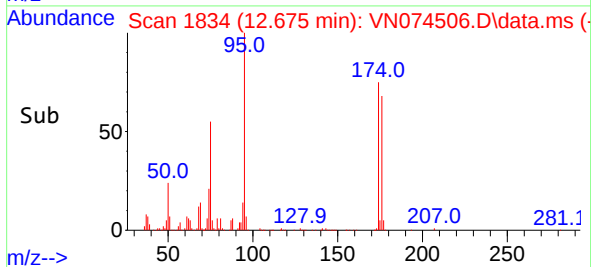
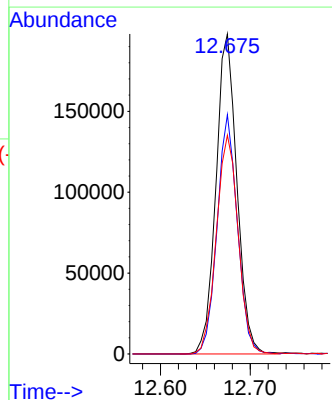
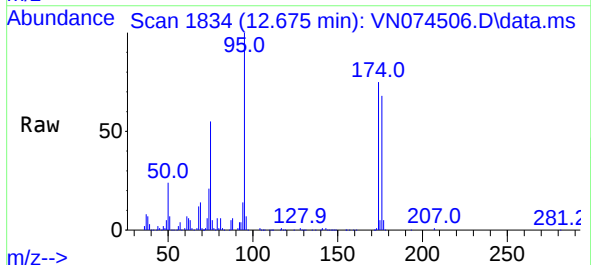
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-318-320RE

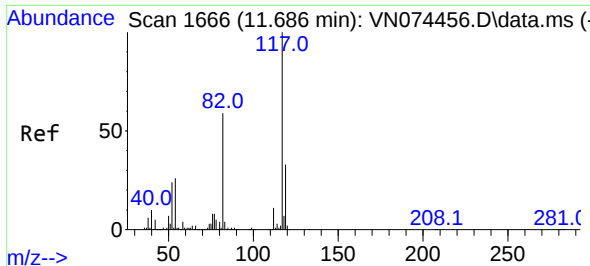
Tgt Ion: 98 Resp: 829890
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.578 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN074506.D
Acq: 16 Sep 2022 13:32

Tgt Ion: 95 Resp: 320480
Ion Ratio Lower Upper
95 100
174 72.3 0.0 167.6
176 71.0 0.0 163.4

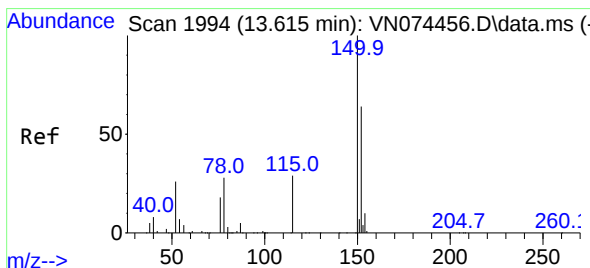
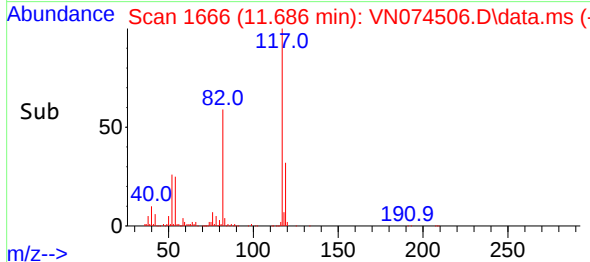
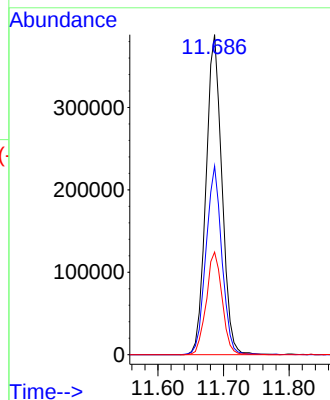
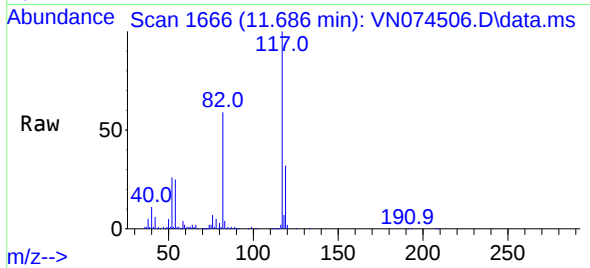




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074506.D
Acq: 16 Sep 2022 13:32

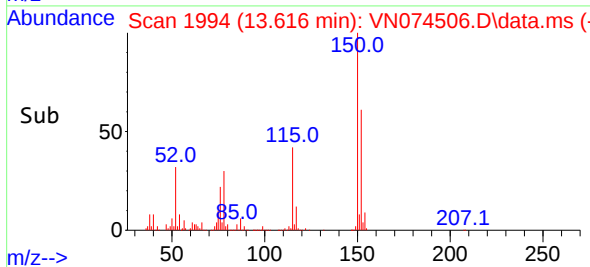
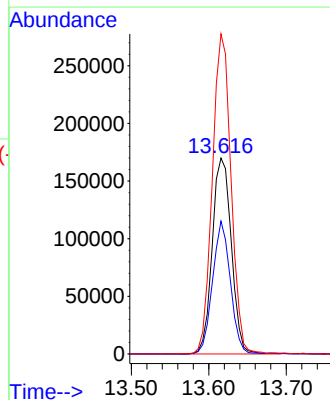
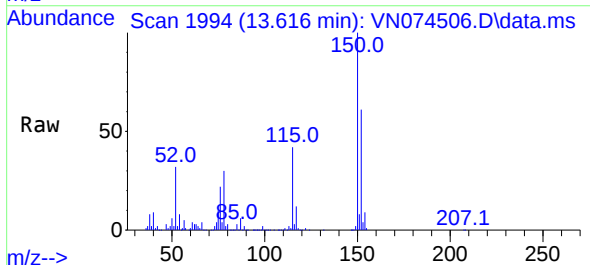
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-318-320RE

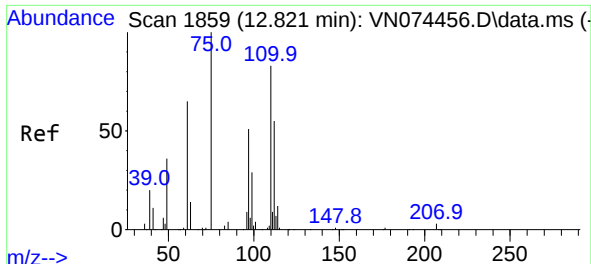
Tgt Ion:	117	Resp:	655610
Ion	Ratio	Lower	Upper
117	100		
82	58.9	44.2	66.2
119	32.0	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074506.D
Acq: 16 Sep 2022 13:32

Tgt Ion:	152	Resp:	291467
Ion	Ratio	Lower	Upper
152	100		
115	63.0	28.9	86.7
150	159.7	0.0	356.2

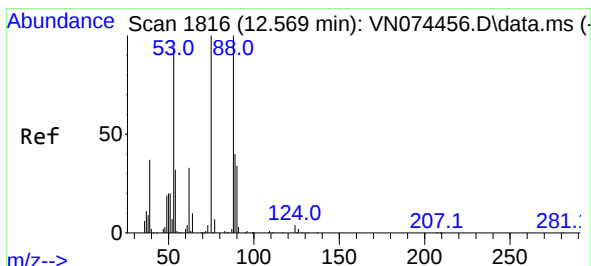
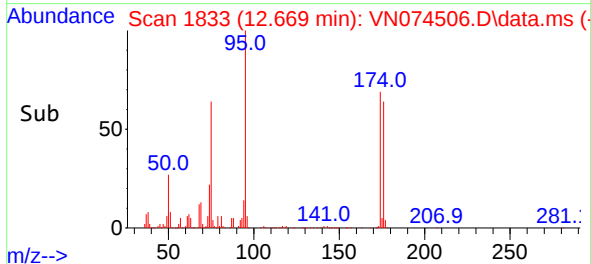
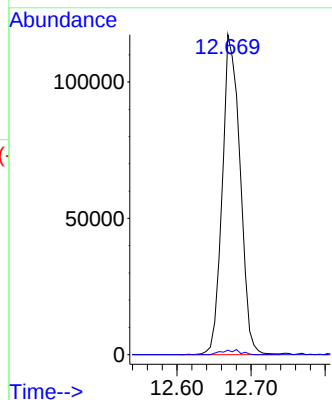
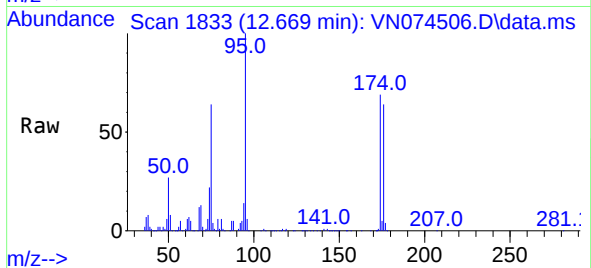




#76
1,2,3-Trichloropropane
Concen: 21.853 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.152 min
Lab File: VN074506.D
Acq: 16 Sep 2022 13:32

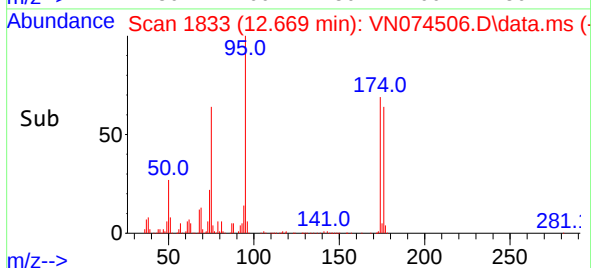
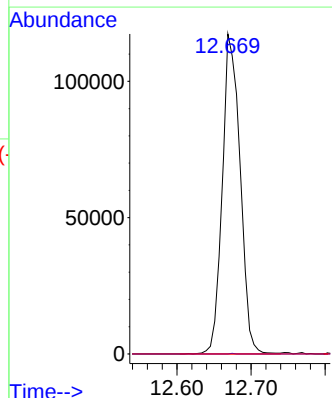
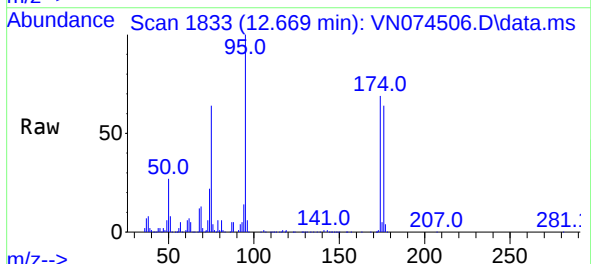
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-318-320RE

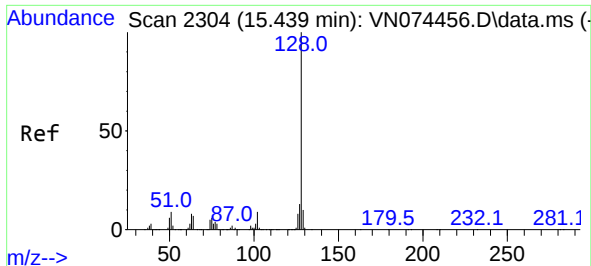
Tgt Ion: 75 Resp: 196058
Ion Ratio Lower Upper
75 100
77 1.6 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 47.166 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.100 min
Lab File: VN074506.D
Acq: 16 Sep 2022 13:32

Tgt Ion: 75 Resp: 196058
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

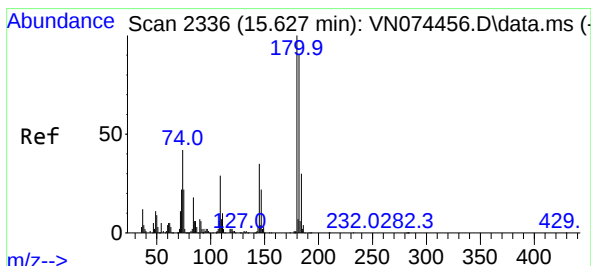
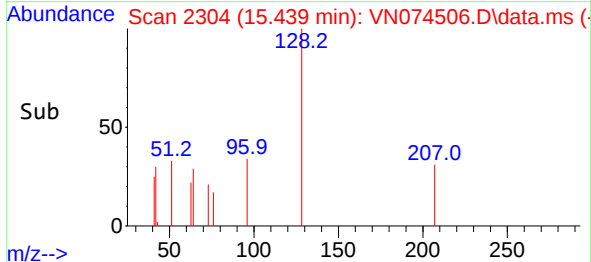
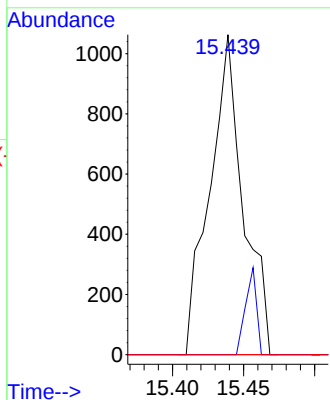
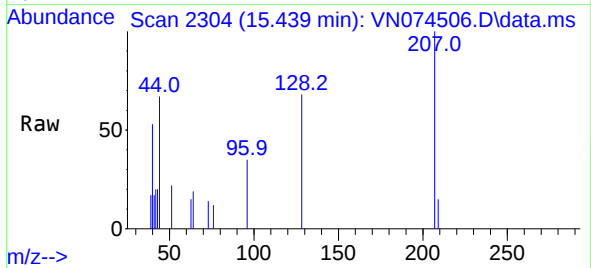




#95
Naphthalene
Concen: 1.657 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN074506.D
Acq: 16 Sep 2022 13:32

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-318-320RE

Tgt Ion:128 Resp: 1744
Ion Ratio Lower Upper
128 100
127 8.9 10.3 15.5#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.354 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. -0.006 min
Lab File: VN074506.D
Acq: 16 Sep 2022 13:32

Tgt Ion:180 Resp: 107
Ion Ratio Lower Upper
180 100
182 129.9 47.8 143.3
145 0.0 15.5 46.5#

