

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069255.D
 Acq On : 28 Oct 2021 17:36
 Operator : JC/MD
 Sample : M4360-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW9-GW-258-260

Quant Time: Oct 28 18:05:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

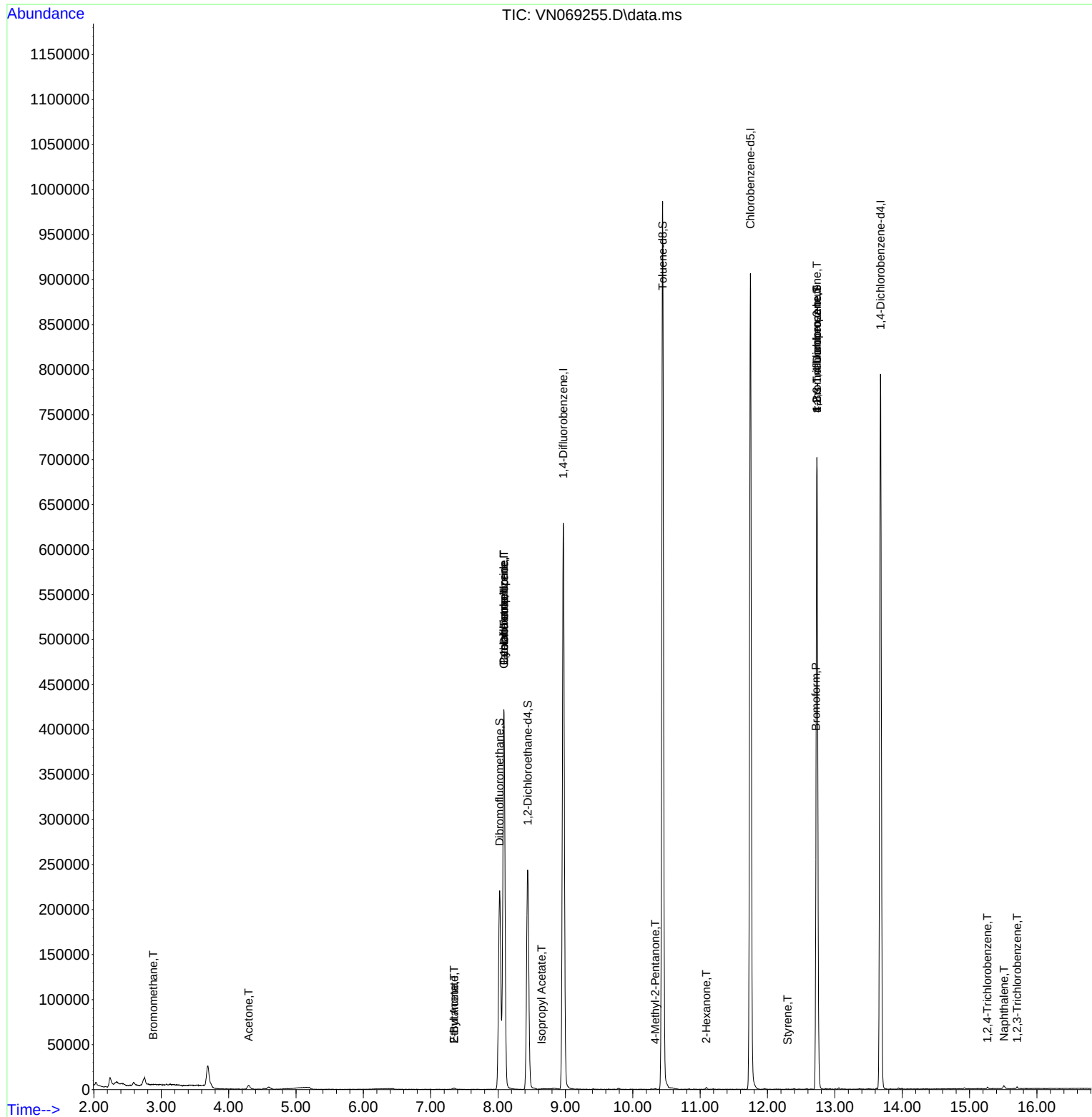
Internal Standards						
1) Pentafluorobenzene	8.086	168	314631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	557166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	543280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	212563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	212202	46.722	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.440%		
35) Dibromofluoromethane	8.024	113	164251	47.291	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.580%		
50) Toluene-d8	10.443	98	695796	50.105	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.200%		
62) 4-Bromofluorobenzene	12.733	95	258609	49.351	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.700%		
Target Compounds						Qvalue
3) Chloromethane	2.306	50	657	Below Cal		97
5) Bromomethane	2.880	94	674	0.255	ug/l	81
16) Acetone	4.296	43	8396	4.339	ug/l	96
25) 2-Butanone	7.348	43	1548	2.153	ug/l	90
31) Cyclohexane	8.086	56	7263	1.195	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	26420	5.500	ug/l #	49
37) Ethyl Acetate	7.348	43	1548	0.283	ug/l #	68
38) Carbon Tetrachloride	8.088	117	32796	6.892	ug/l #	15
43) Isopropyl Acetate	8.646	43	345	0.495	ug/l #	55
51) 4-Methyl-2-Pentanone	10.336	43	827	6.532	ug/l #	36
59) 2-Hexanone	11.089	43	1595	8.325	ug/l	96
70) Styrene	12.299	104	221	1.472	ug/l #	24
71) Bromoform	12.720	173	281	2.952	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	134832	24.118	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	134832	69.226	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.263	180	886	2.731	ug/l	81
95) Naphthalene	15.509	128	4430	3.697	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.705	180	841	2.445	ug/l #	64

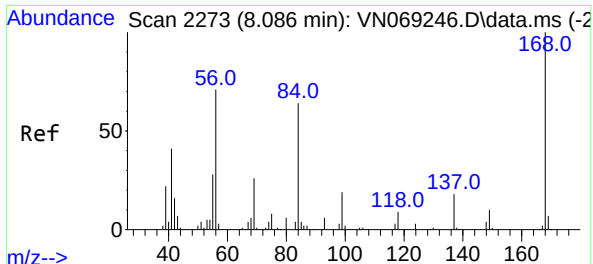
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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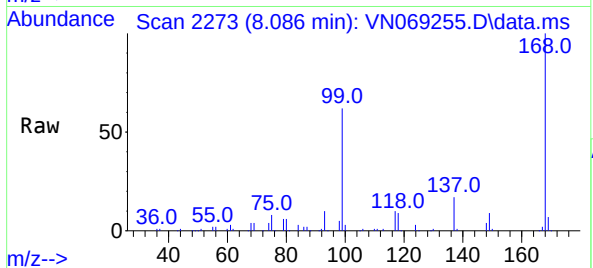
Quant Time: Oct 28 18:05:51 2021
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QLast Update : Thu Oct 28 16:09:15 2021
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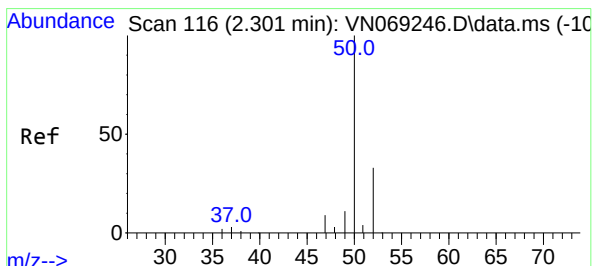
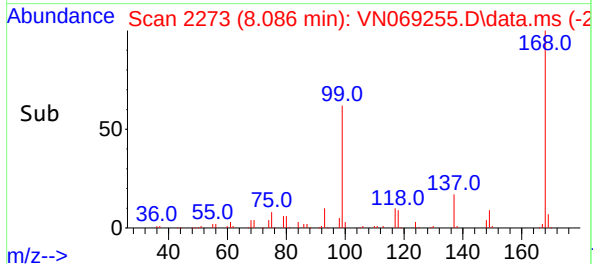
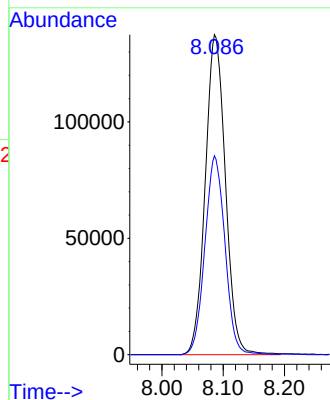


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069255.D
Acq: 28 Oct 2021 17:36

Instrument :
MSVOA_N
ClientSampleId :
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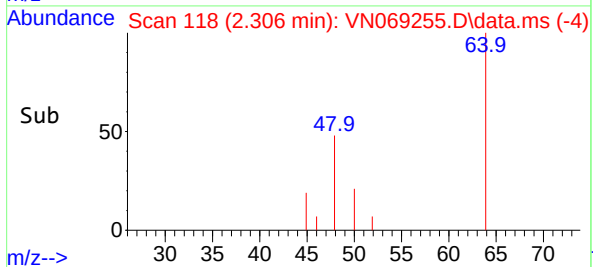
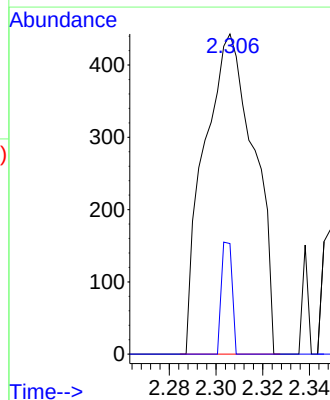
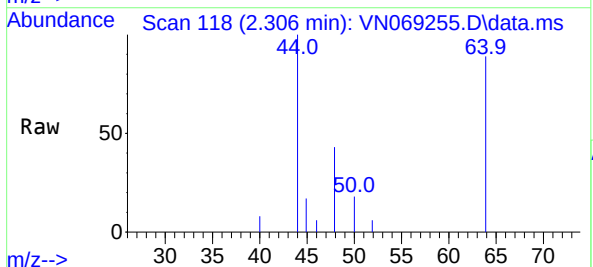


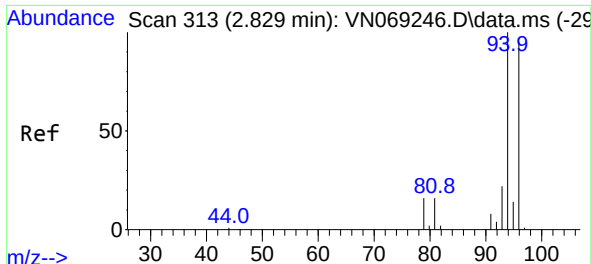
Tgt Ion:168 Resp: 314631
Ion Ratio Lower Upper
168 100
99 62.1 48.9 73.3



#3
Chloromethane
Concen: Below Cal
RT: 2.306 min Scan# 118
Delta R.T. 0.005 min
Lab File: VN069255.D
Acq: 28 Oct 2021 17:36

Tgt Ion: 50 Resp: 657
Ion Ratio Lower Upper
50 100
52 34.5 26.3 39.5

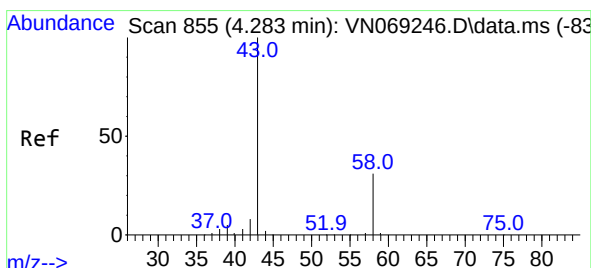
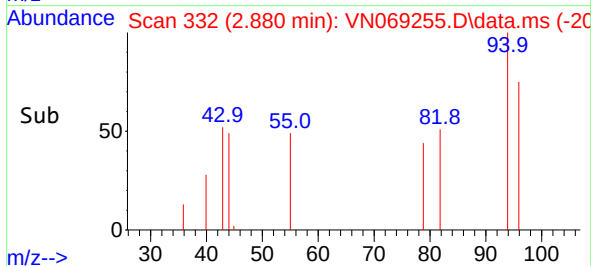
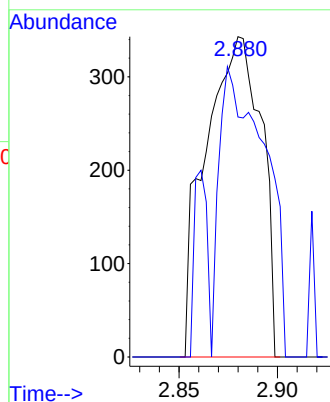
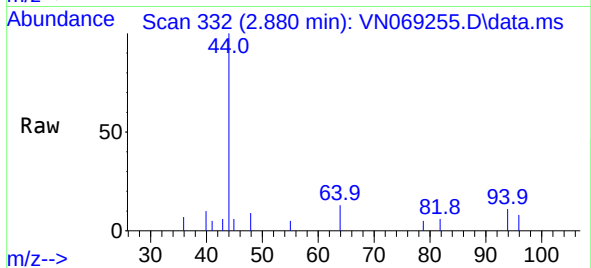




#5
Bromomethane
Concen: 0.255 ug/l
RT: 2.880 min Scan# 31
Delta R.T. 0.051 min
Lab File: VN069255.D
Acq: 28 Oct 2021 17:36

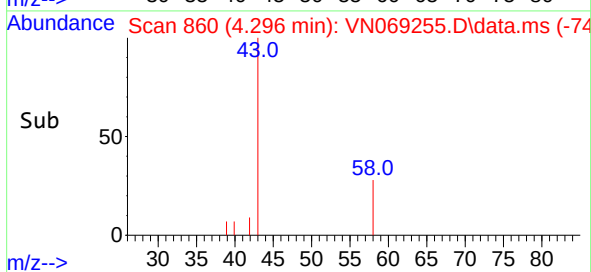
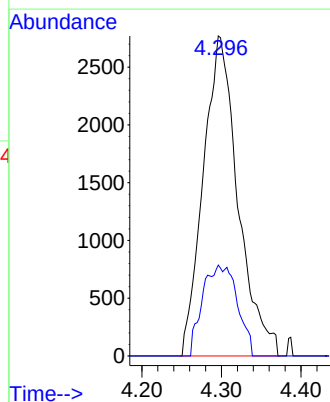
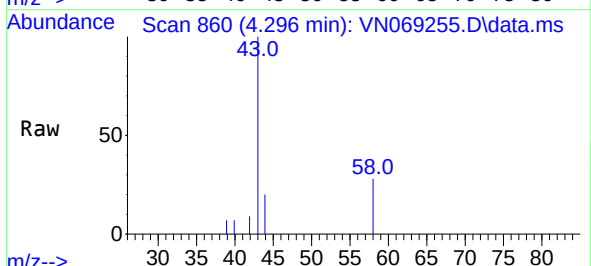
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BP-VPB-RW9-GW-258-260

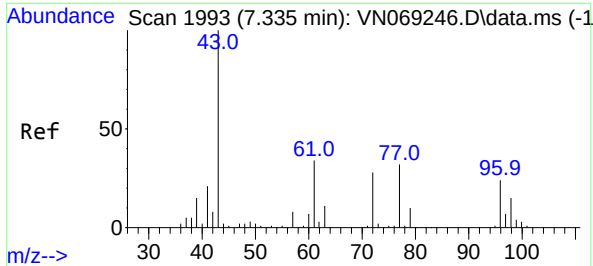
Tgt Ion: 94 Resp: 674
Ion Ratio Lower Upper
94 100
96 74.9 74.2 111.4



#16
Acetone
Concen: 4.339 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.013 min
Lab File: VN069255.D
Acq: 28 Oct 2021 17:36

Tgt Ion: 43 Resp: 8396
Ion Ratio Lower Upper
43 100
58 28.4 24.5 36.7

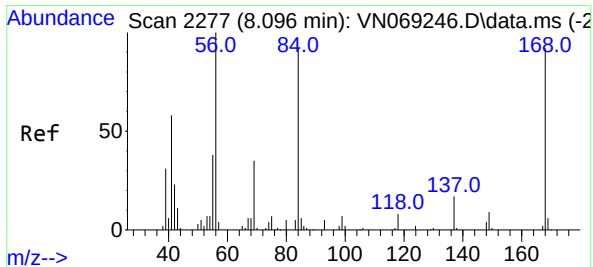
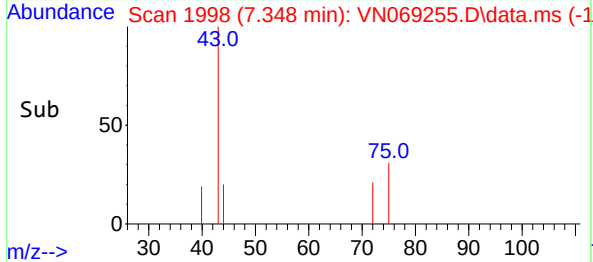
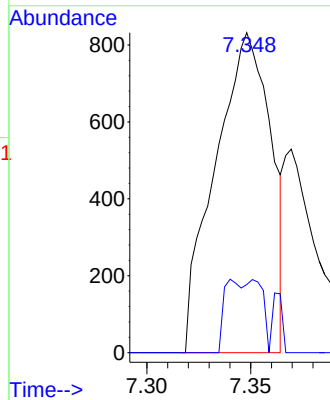
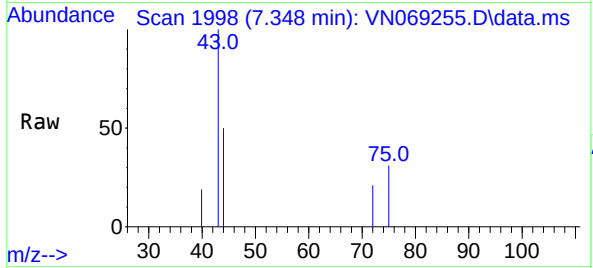




#25
2-Butanone
Concen: 2.153 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.013 min
Lab File: VN069255.D
Acq: 28 Oct 2021 17:36

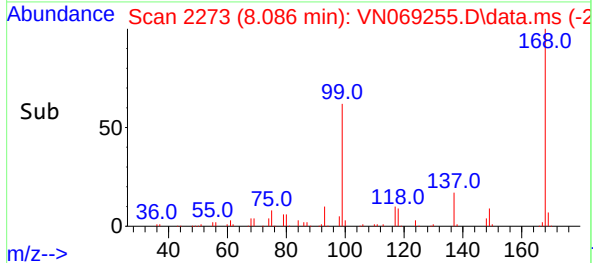
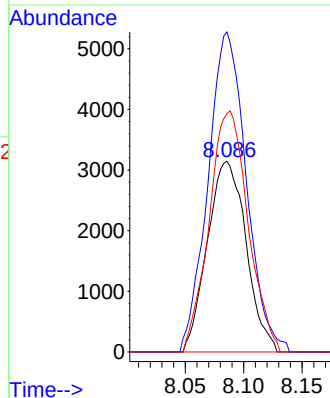
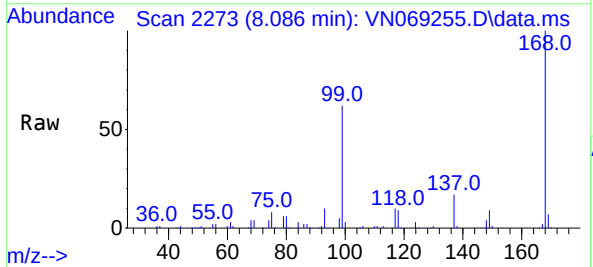
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW9-GW-258-260

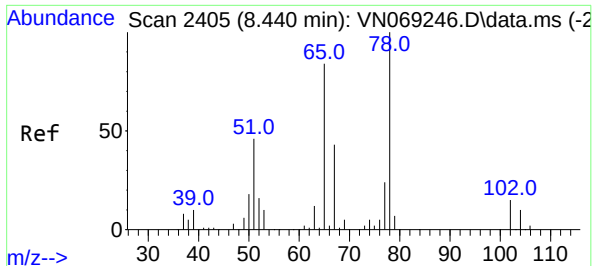
Tgt Ion: 43 Resp: 1548
Ion Ratio Lower Upper
43 100
72 21.3 21.2 31.8



#31
Cyclohexane
Concen: 1.195 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN069255.D
Acq: 28 Oct 2021 17:36

Tgt Ion: 56 Resp: 7263
Ion Ratio Lower Upper
56 100
69 168.0 26.9 40.3#
84 125.1 67.6 101.4#

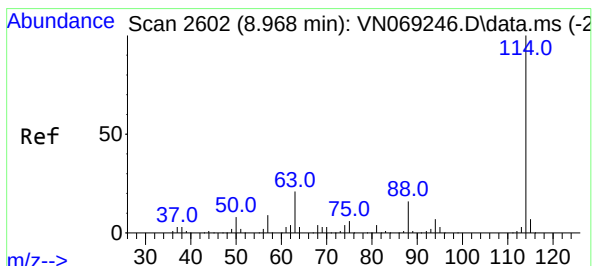
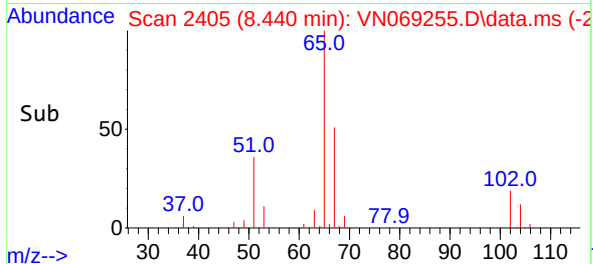
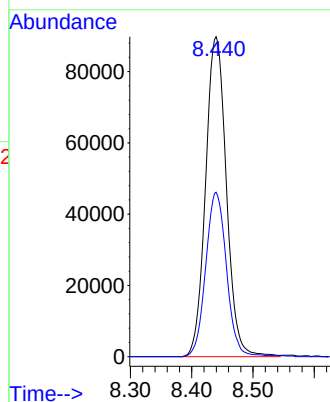
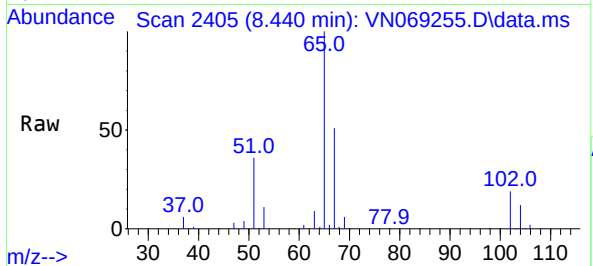




#33
1,2-Dichloroethane-d4
Concen: 46.722 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069255.D
Acq: 28 Oct 2021 17:36

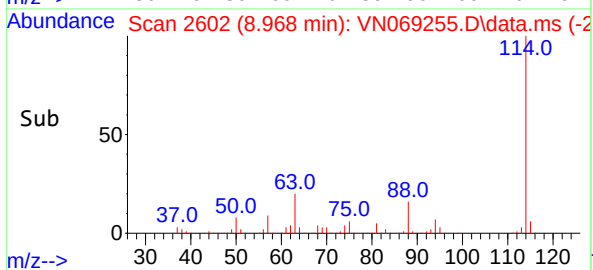
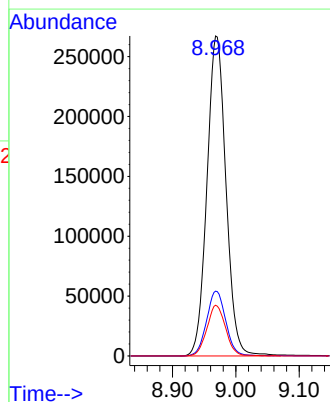
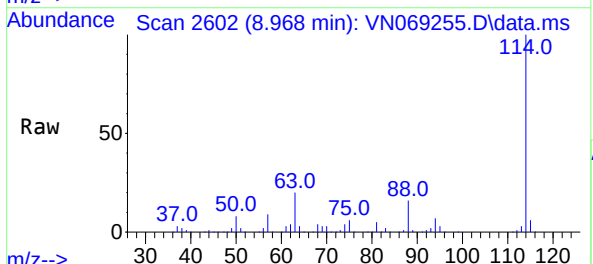
Instrument :
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ClientSampleId :
BP-VPB-RW9-GW-258-260

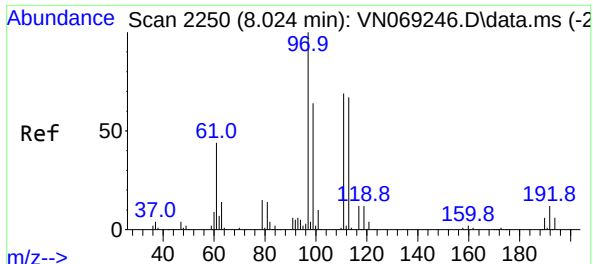
Tgt Ion: 65 Resp: 212202
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069255.D
Acq: 28 Oct 2021 17:36

Tgt Ion: 114 Resp: 557166
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.6
88 15.9 0.0 32.0

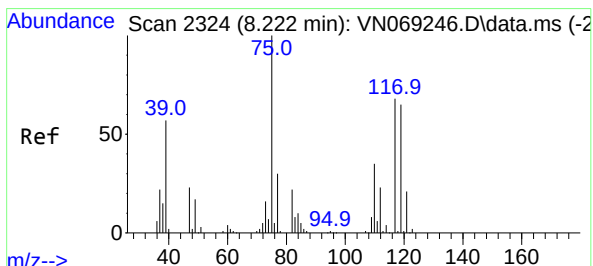
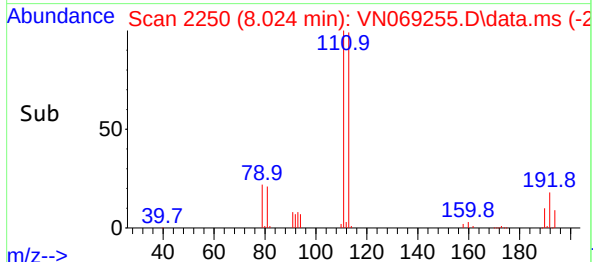
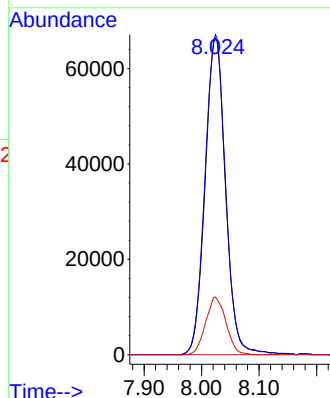
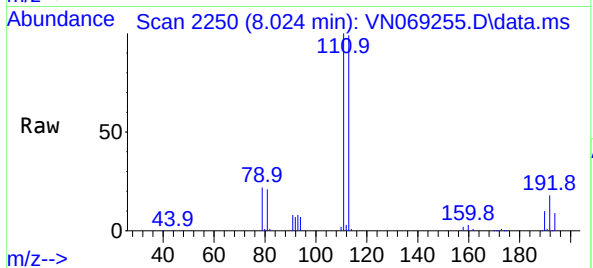




#35
Dibromofluoromethane
Concen: 47.291 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN069255.D
Acq: 28 Oct 2021 17:36

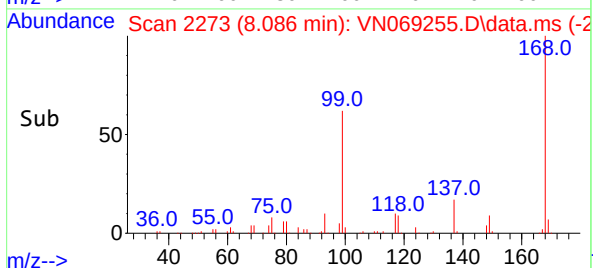
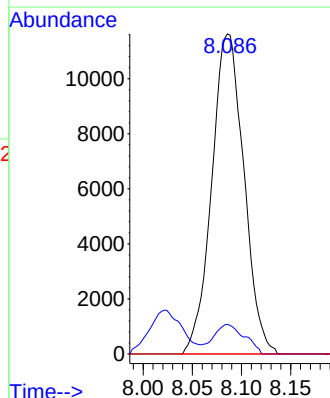
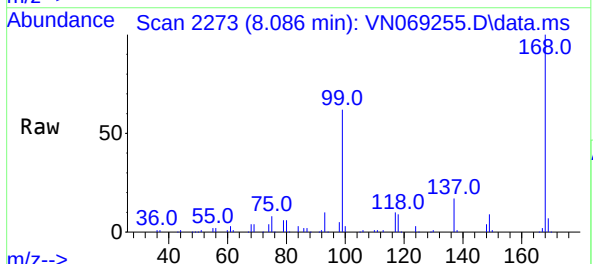
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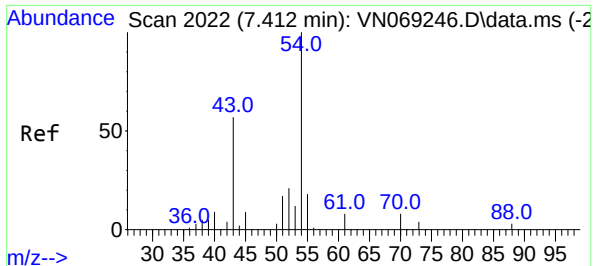
Tgt Ion:113 Resp: 164251
Ion Ratio Lower Upper
113 100
111 101.2 83.2 124.8
192 18.0 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.500 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN069255.D
Acq: 28 Oct 2021 17:36

Tgt Ion: 75 Resp: 26420
Ion Ratio Lower Upper
75 100
110 8.8 17.9 53.8#
77 0.0 24.7 37.1#

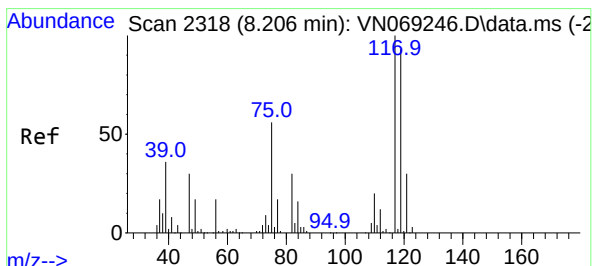
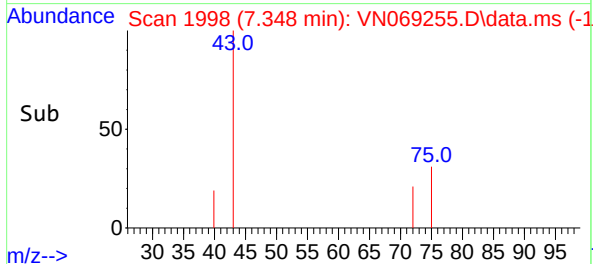
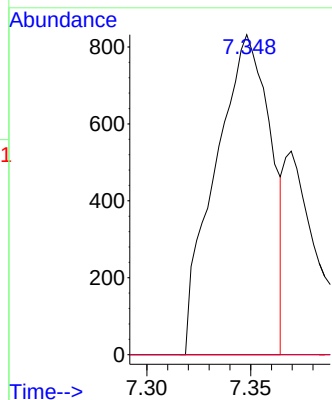
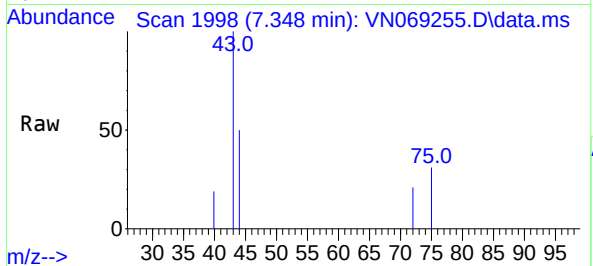




#37
Ethyl Acetate
Concen: 0.283 ug/l
RT: 7.348 min Scan# 11
Delta R.T. -0.064 min
Lab File: VN069255.D
Acq: 28 Oct 2021 17:36

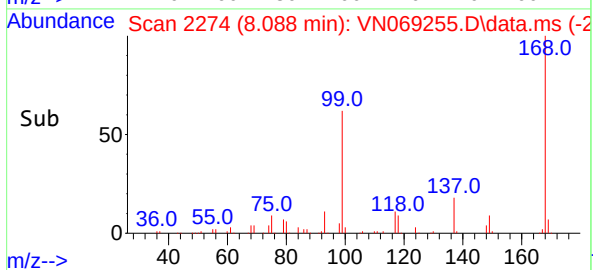
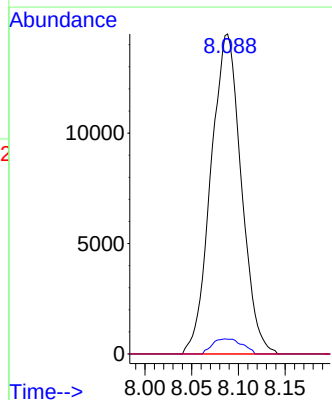
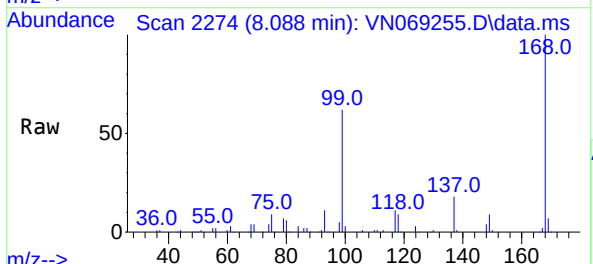
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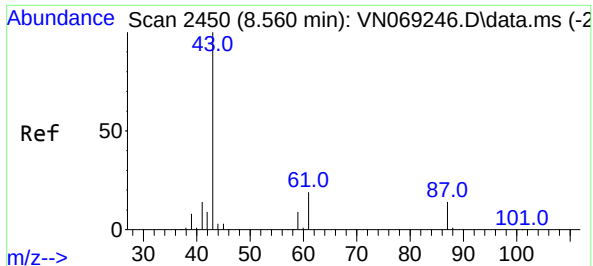
Tgt Ion: 43	Resp: 1548
Ion Ratio	Lower Upper
43 100	
61 0.0	11.2 16.8#
70 0.0	8.4 12.6#



#38
Carbon Tetrachloride
Concen: 6.892 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN069255.D
Acq: 28 Oct 2021 17:36

Tgt Ion:117	Resp:	32796	
Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.9	115.3#
121	0.0	24.6	37.0#





#43

Isopropyl Acetate

Concen: 0.495 ug/l

RT: 8.646 min Scan# 2450

Delta R.T. 0.086 min

Lab File: VN069255.D

Acq: 28 Oct 2021 17:36

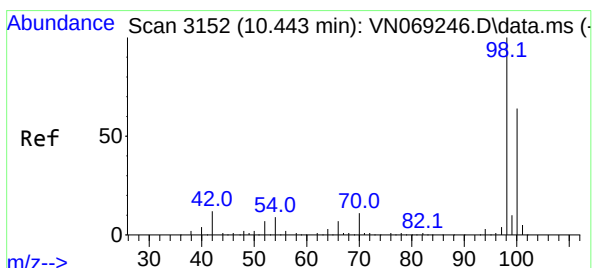
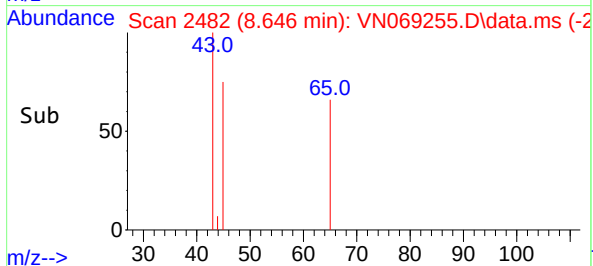
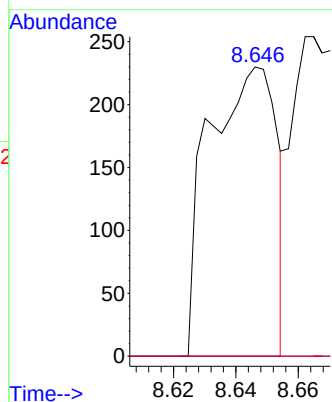
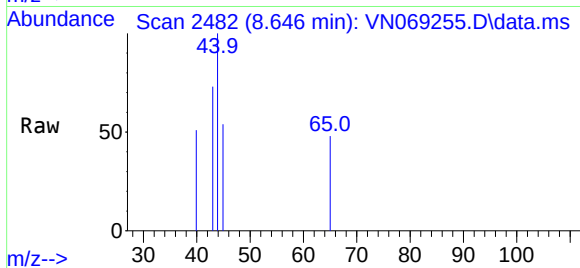
Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW9-GW-258-260

Tgt Ion: 43	Resp:	345
Ion	Ratio	Lower Upper
43	100	
61	0.0	20.4 30.6#
87	0.0	10.7 16.1#



#50

Toluene-d8

Concen: 50.105 ug/l

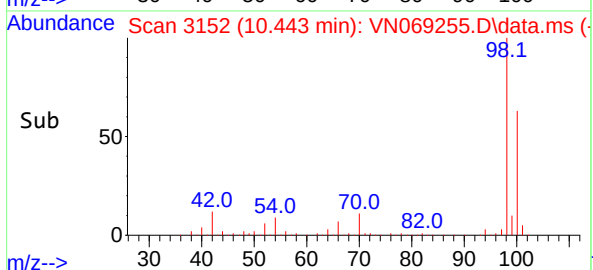
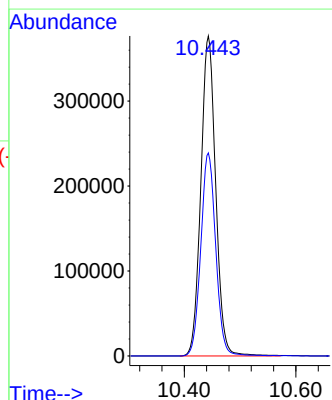
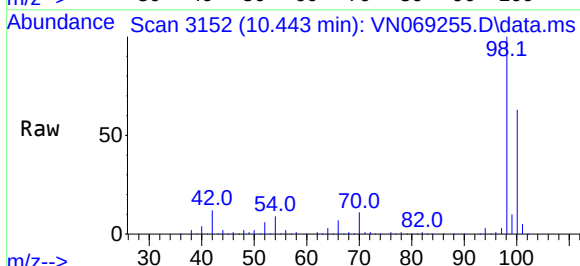
RT: 10.443 min Scan# 3152

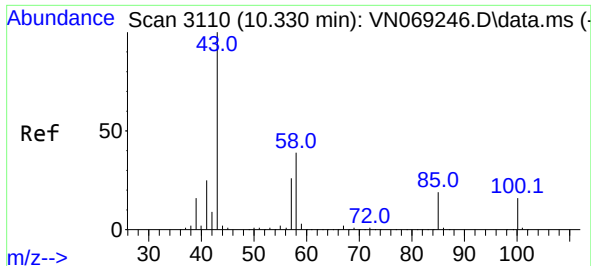
Delta R.T. 0.000 min

Lab File: VN069255.D

Acq: 28 Oct 2021 17:36

Tgt Ion: 98	Resp:	695796
Ion	Ratio	Lower Upper
98	100	
100	63.8	51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 6.532 ug/l

RT: 10.336 min Scan# 3110

Delta R.T. 0.006 min

Lab File: VN069255.D

Acq: 28 Oct 2021 17:36

Instrument :

MSVOA_N

ClientSampleId :

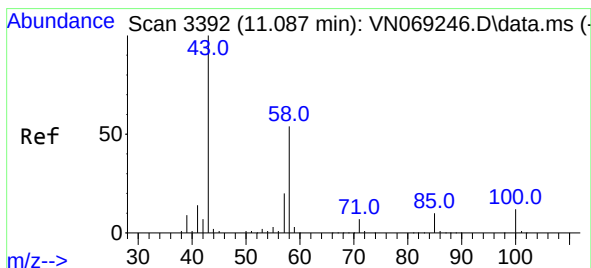
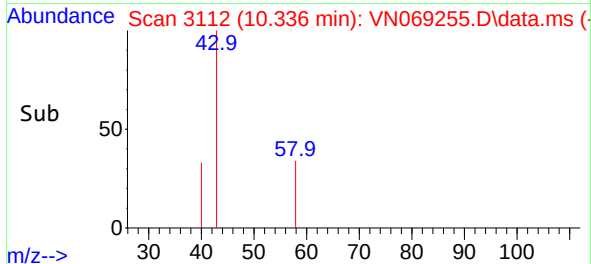
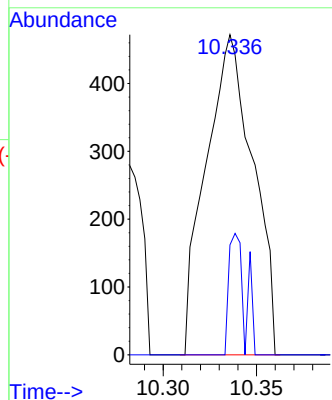
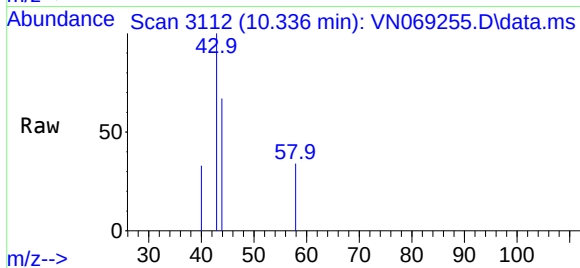
BP-VPB-RW9-GW-258-260

Tgt Ion: 43 Resp: 827

Ion Ratio Lower Upper

43 100

58 0.0 31.0 46.4#



#59

2-Hexanone

Concen: 8.325 ug/l

RT: 11.089 min Scan# 3393

Delta R.T. 0.002 min

Lab File: VN069255.D

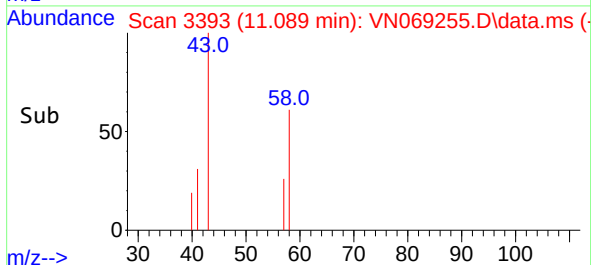
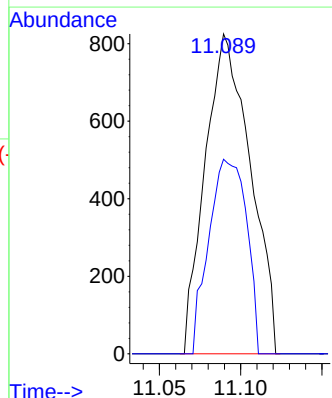
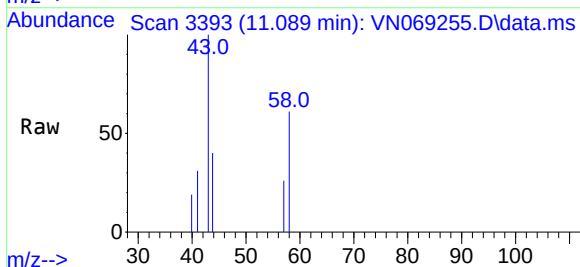
Acq: 28 Oct 2021 17:36

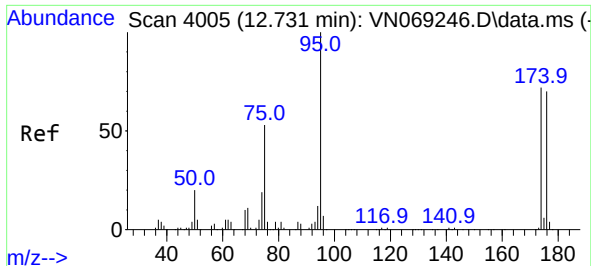
Tgt Ion: 43 Resp: 1595

Ion Ratio Lower Upper

43 100

58 50.7 26.9 80.7

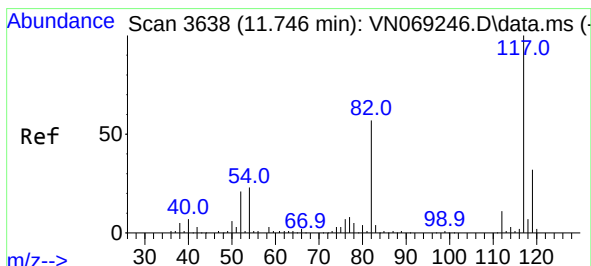
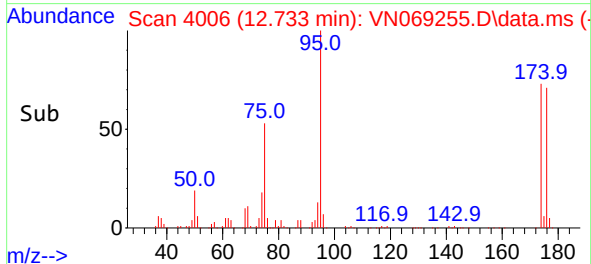
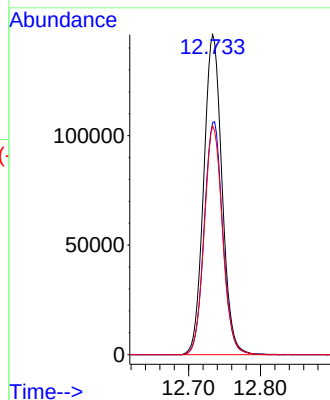
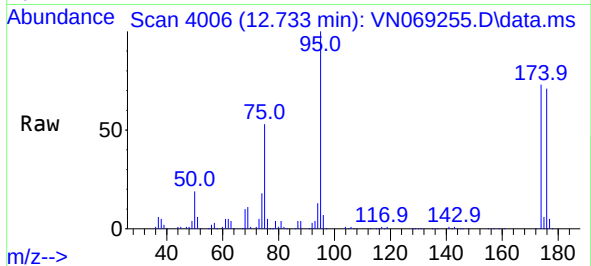




#62
4-Bromofluorobenzene
Concen: 49.351 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN069255.D
Acq: 28 Oct 2021 17:36

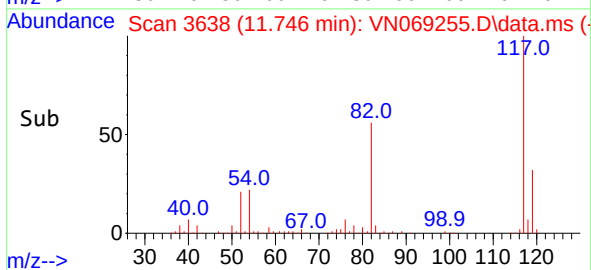
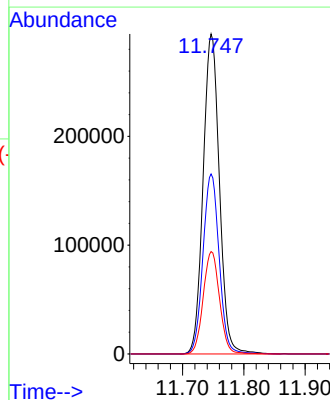
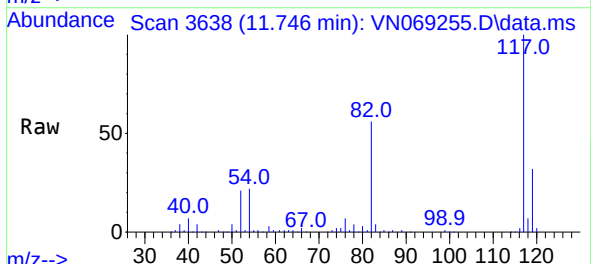
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW9-GW-258-260

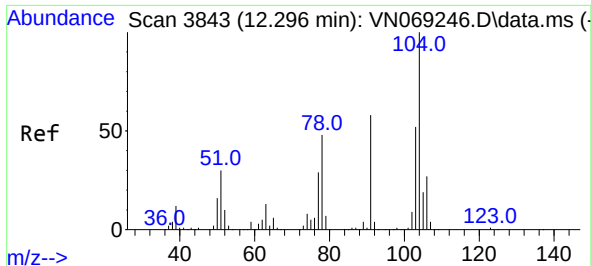
Tgt Ion: 95 Resp: 258609
Ion Ratio Lower Upper
95 100
174 73.4 0.0 144.8
176 71.5 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069255.D
Acq: 28 Oct 2021 17:36

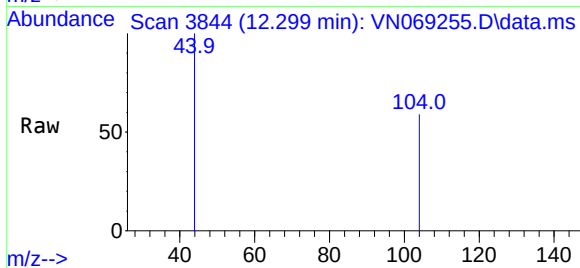
Tgt Ion: 117 Resp: 543280
Ion Ratio Lower Upper
117 100
82 56.3 46.4 69.6
119 32.0 26.0 39.0



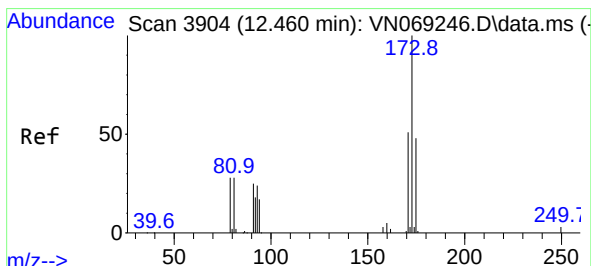
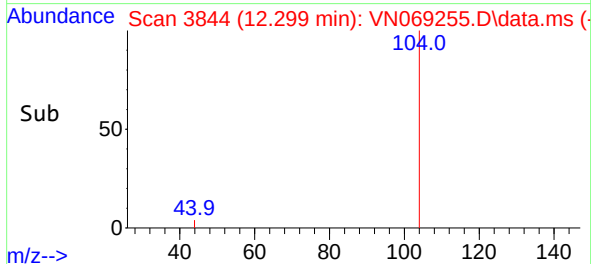
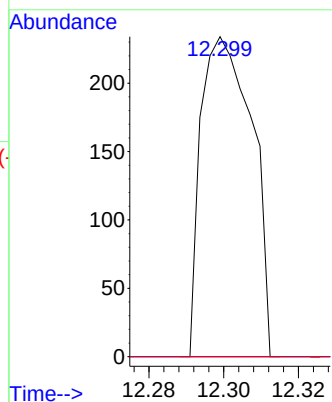


#70
Styrene
Concen: 1.472 ug/l
RT: 12.299 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069255.D
Acq: 28 Oct 2021 17:36

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW9-GW-258-260

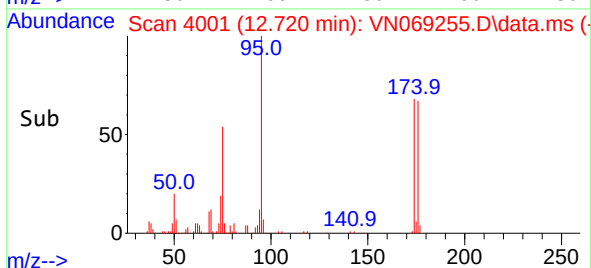
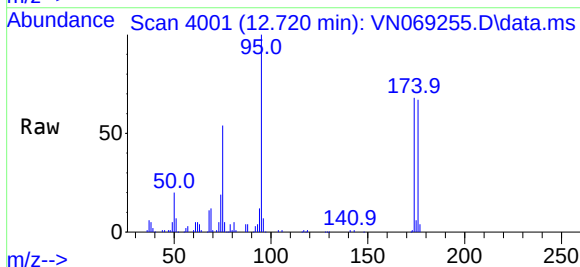
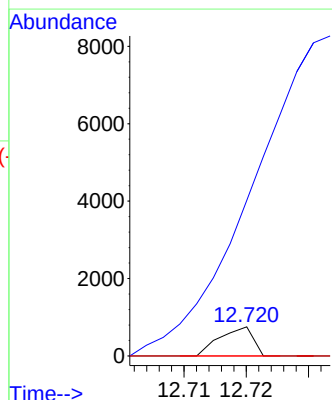


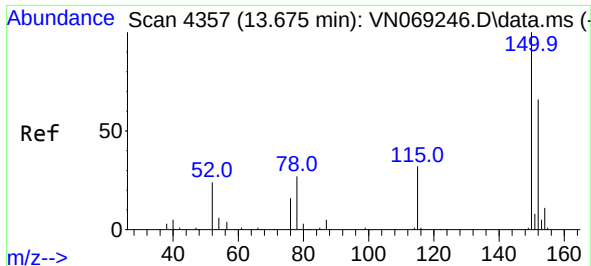
Tgt Ion:104 Resp: 221
Ion Ratio Lower Upper
104 100
78 0.0 42.2 63.4#
103 0.0 44.4 66.6#



#71
Bromoform
Concen: 2.952 ug/l
RT: 12.720 min Scan# 4001
Delta R.T. 0.260 min
Lab File: VN069255.D
Acq: 28 Oct 2021 17:36

Tgt Ion:173 Resp: 281
Ion Ratio Lower Upper
173 100
175 4789.3 23.8 71.5#
254 0.0 0.0 0.0

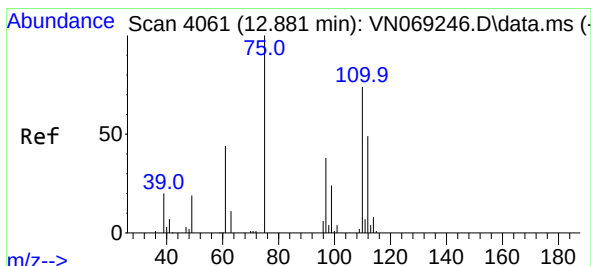
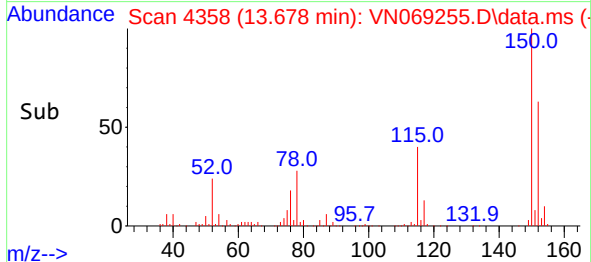
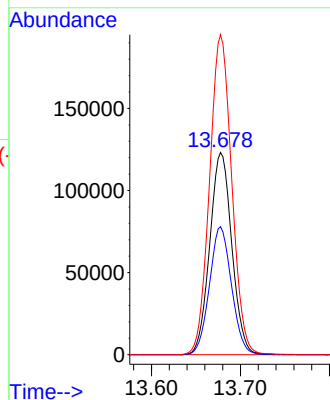
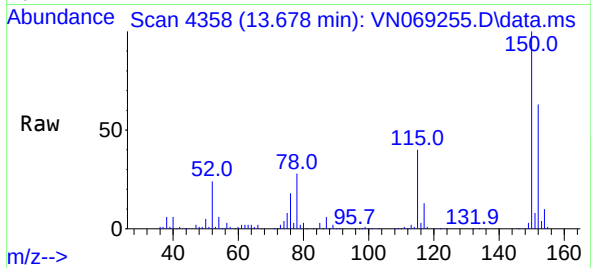




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN069255.D
Acq: 28 Oct 2021 17:36

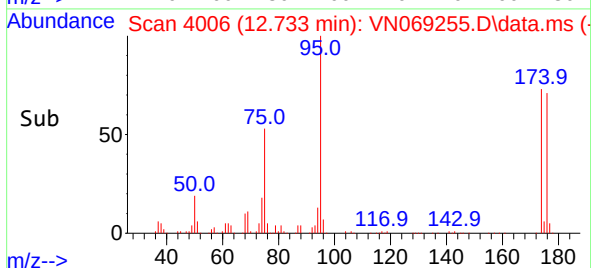
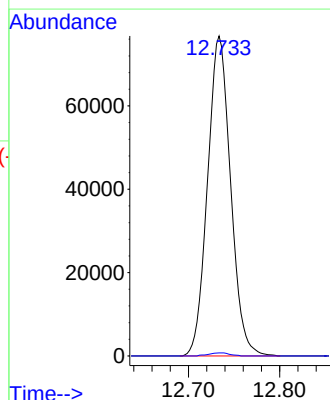
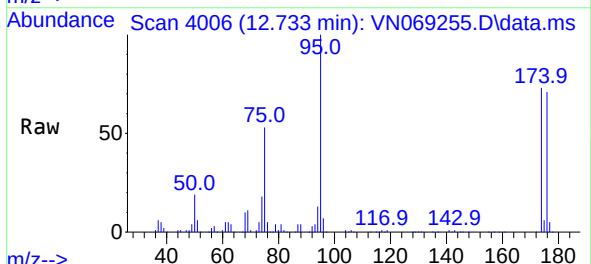
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW9-GW-258-260

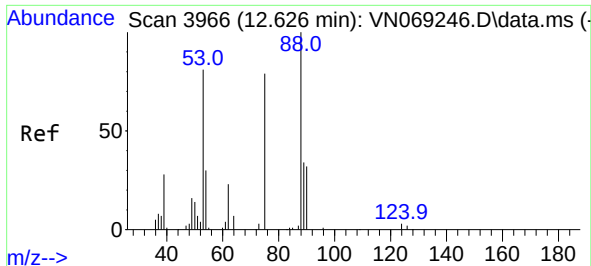
Tgt Ion:152 Resp: 212563
Ion Ratio Lower Upper
152 100
115 63.0 31.4 94.3
150 158.6 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 24.118 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069255.D
Acq: 28 Oct 2021 17:36

Tgt Ion: 75 Resp: 134832
Ion Ratio Lower Upper
75 100
77 0.9 96.2 288.4#

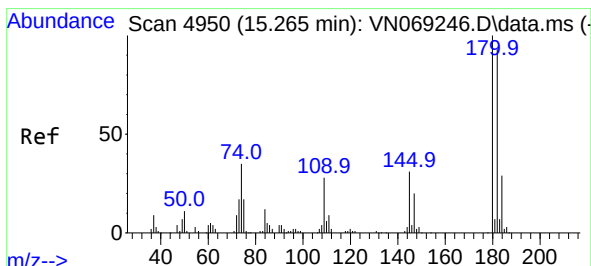
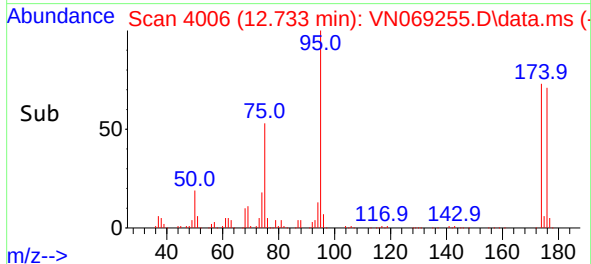
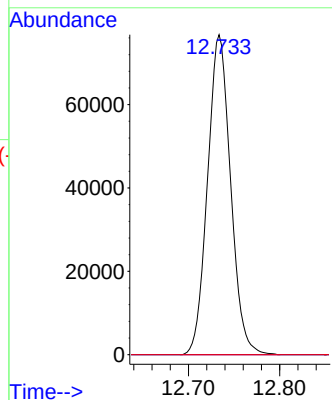
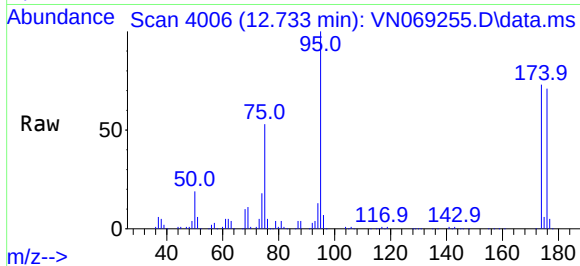




#81
trans-1,4-Dichloro-2-butene
Concen: 69.226 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069255.D
Acq: 28 Oct 2021 17:36

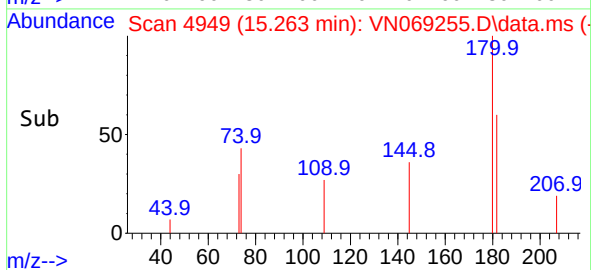
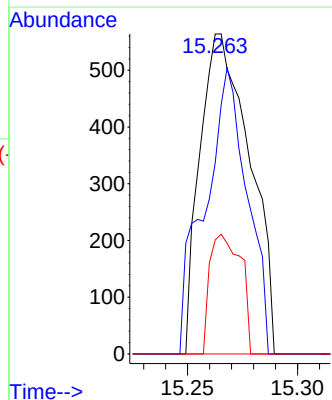
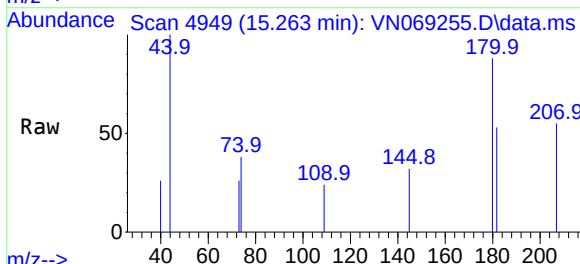
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW9-GW-258-260

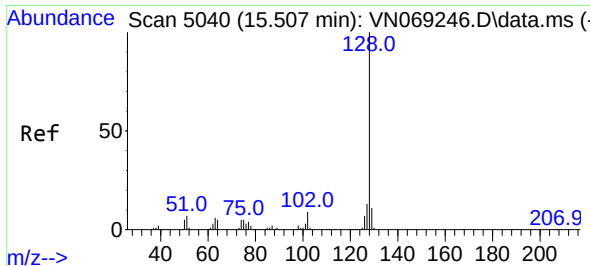
Tgt Ion: 75 Resp: 134832
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 2.731 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN069255.D
Acq: 28 Oct 2021 17:36

Tgt Ion:180 Resp: 886
Ion Ratio Lower Upper
180 100
182 76.4 47.9 143.7
145 23.3 16.4 49.2

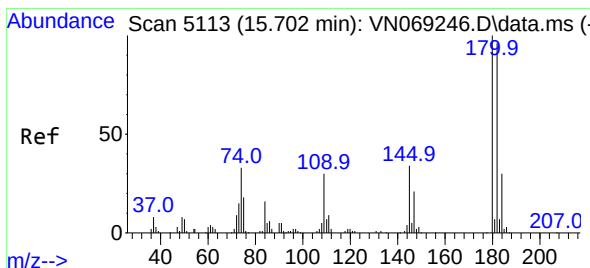
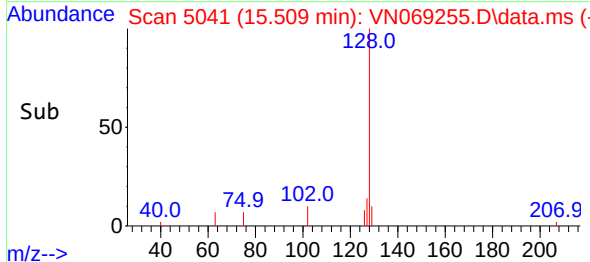
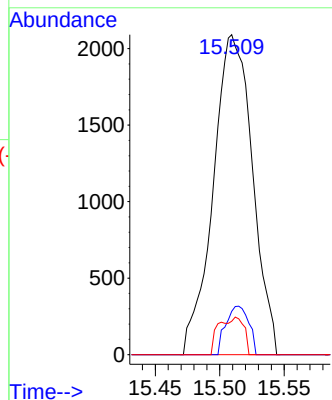
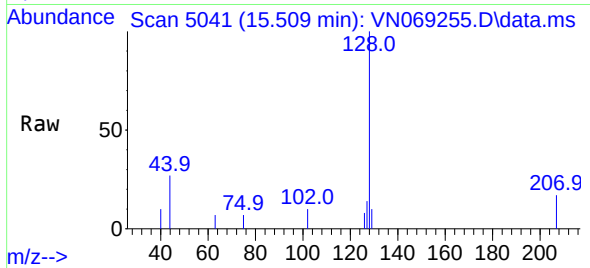




#95
Naphthalene
Concen: 3.697 ug/l
RT: 15.509 min Scan# 5040
Delta R.T. 0.002 min
Lab File: VN069255.D
Acq: 28 Oct 2021 17:36

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW9-GW-258-260

Tgt Ion:128 Resp: 4430
Ion Ratio Lower Upper
128 100
127 8.8 10.5 15.7#
129 2.8 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 2.445 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN069255.D
Acq: 28 Oct 2021 17:36

Tgt Ion:180 Resp: 841
Ion Ratio Lower Upper
180 100
182 70.0 48.1 144.3
145 0.0 17.4 52.2#

