

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020867.D
 Acq On : 12 Nov 2021 20:47
 Operator : SY/VA
 Sample : M4602-05
 Misc : 5.02g/5mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 15 00:12:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 13 07:30:48 2021
 Response via : Initial Calibration

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

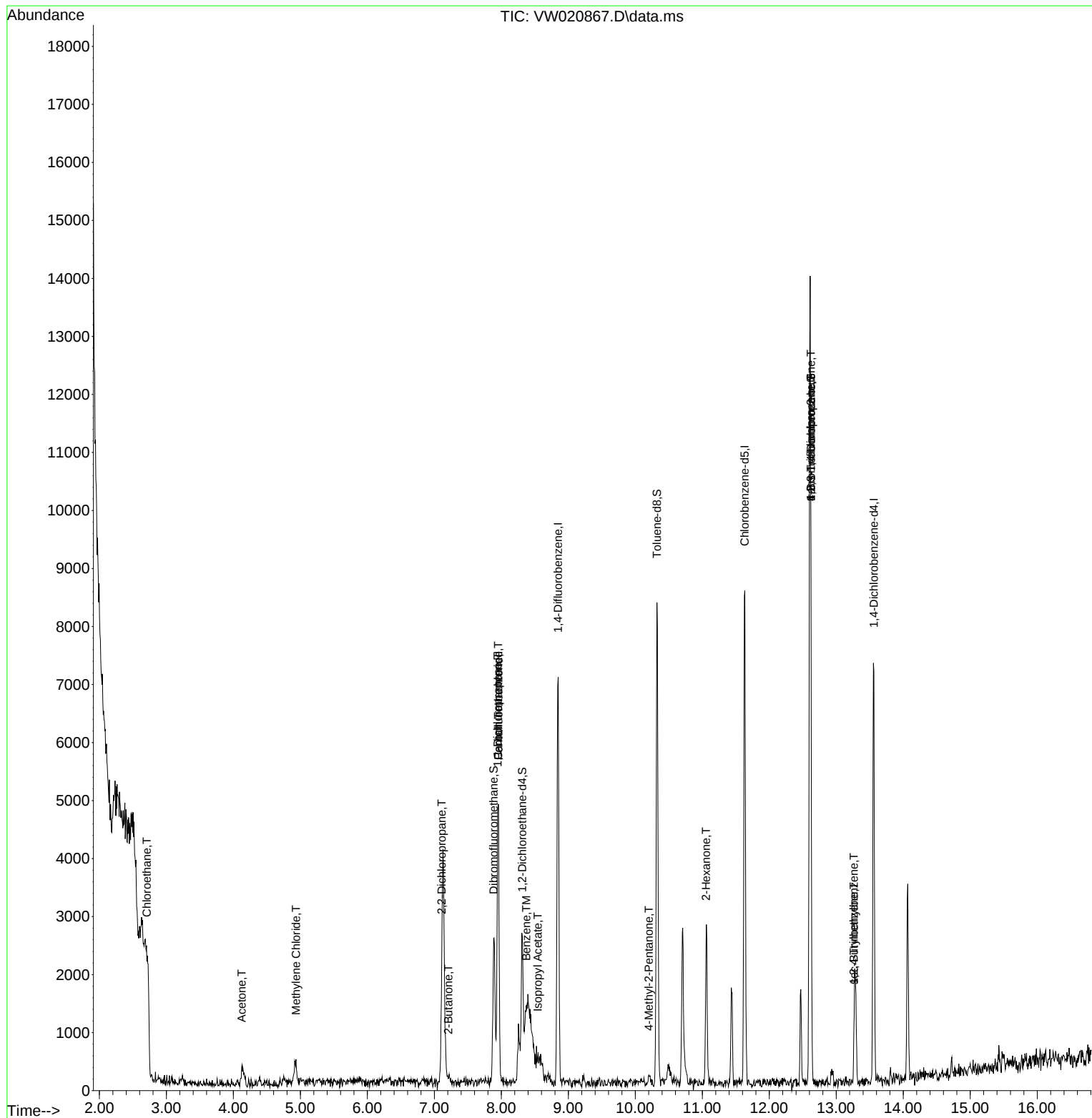
Internal Standards						
1) Pentafluorobenzene	7.958	168	4211	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.848	114	6157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	5176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	2162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	2039	58.553	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.100%			
35) Dibromofluoromethane	7.885	113	1982	57.581	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.160%			
50) Toluene-d8	10.323	98	5913	43.907	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 87.820%			
62) 4-Bromofluorobenzene	12.621	95	2054	42.274	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 84.540%			
Target Compounds					Qvalue	
6) Chloroethane	2.709	64	21	1.342	ug/l #	41
16) Acetone	4.123	43	774	94.739	ug/l #	89
20) Methylene Chloride	4.934	84	218	4.208	ug/l #	88
25) 2-Butanone	7.208	43	19	1.633	ug/l #	48
26) 2,2-Dichloropropane	7.110	77	194	4.988	ug/l #	53
36) 1,1-Dichloropropene	7.946	75	263	5.168	ug/l #	42
38) Carbon Tetrachloride	7.952	117	388	7.279	ug/l #	14
40) Benzene	8.372	78	1727	12.678	ug/l #	87
43) Isopropyl Acetate	8.543	43	207	4.431	ug/l #	52
51) 4-Methyl-2-Pentanone	10.201	43	107	4.313	ug/l #	37
59) 2-Hexanone	11.055	43	19	1.043	ug/l #	25
76) 1,2,3-Trichloropropane	12.621	75	1131	68.037	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.621	75	1131	133.926	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.262	105	184	1.666	ug/l #	31
85) sec-Butylbenzene	13.262	105	184	1.220	ug/l #	56

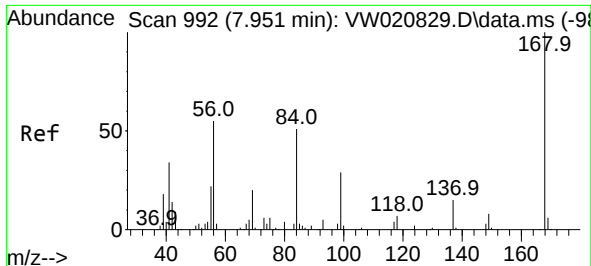
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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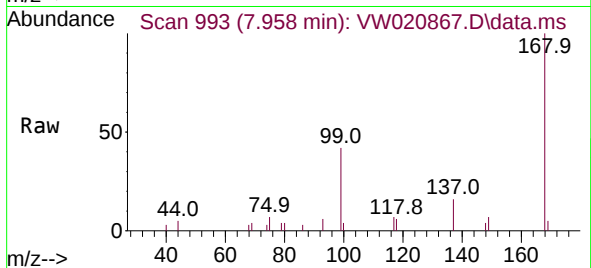
Quant Time: Nov 15 00:12:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 13 07:30:48 2021
Response via : Initial Calibration



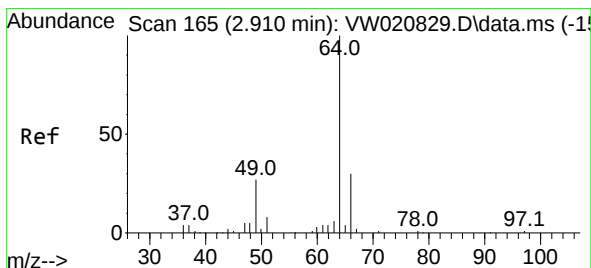
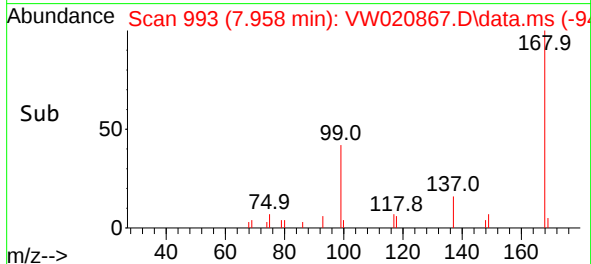
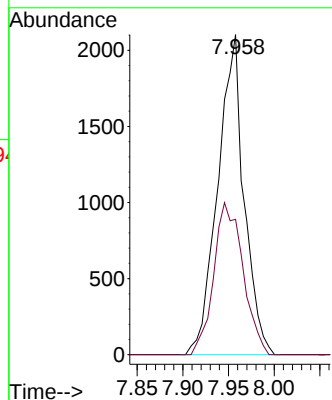


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.958 min Scan# 99
Delta R.T. 0.007 min
Lab File: VW020867.D
Acq: 12 Nov 2021 20:47

Instrument :
MSVOA_W
ClientSampleId :

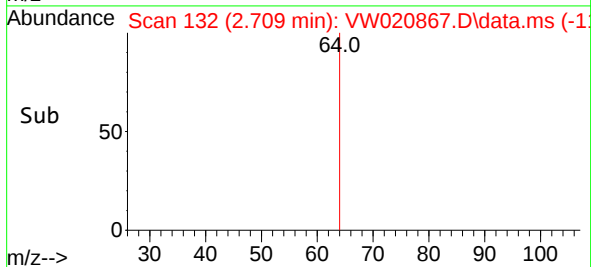
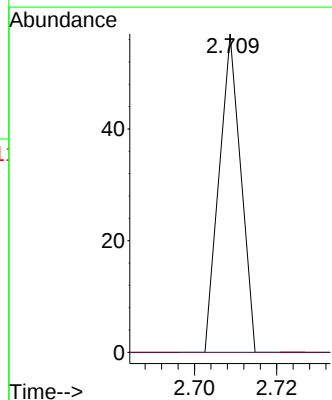
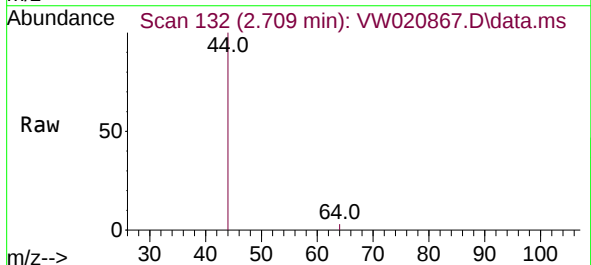


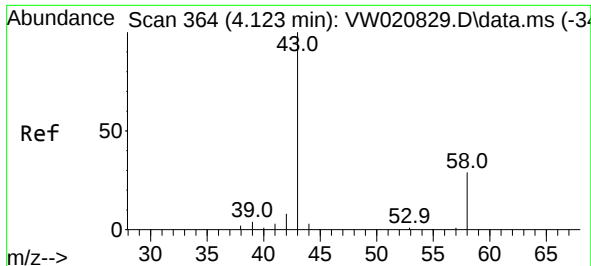
Tgt Ion:168 Resp: 4211
Ion Ratio Lower Upper
168 100
99 42.3 45.4 68.0#



#6
Chloroethane
Concen: 1.342 ug/l
RT: 2.709 min Scan# 132
Delta R.T. -0.201 min
Lab File: VW020867.D
Acq: 12 Nov 2021 20:47

Tgt Ion: 64 Resp: 21
Ion Ratio Lower Upper
64 100
66 0.0 27.0 40.4#

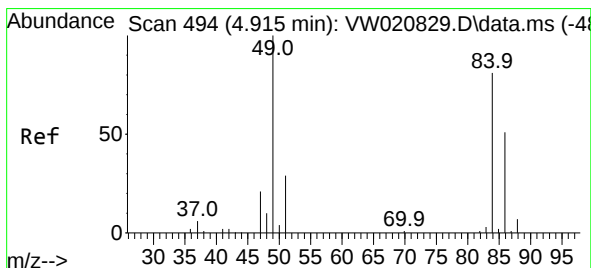
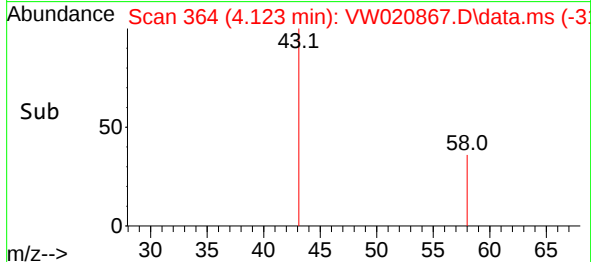
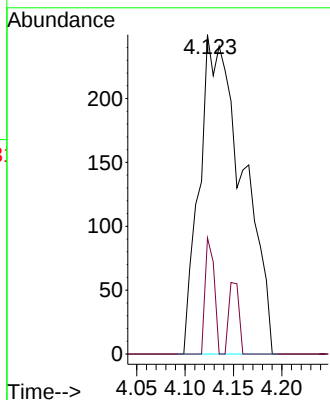
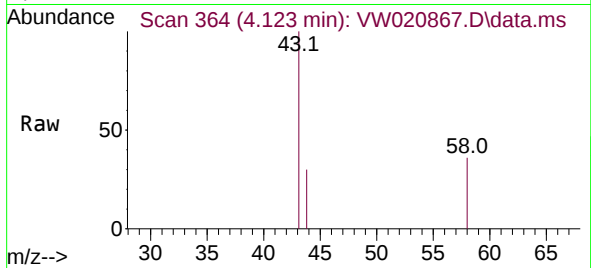




#16
Acetone
Concen: 94.739 ug/l
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW020867.D
Acq: 12 Nov 2021 20:47

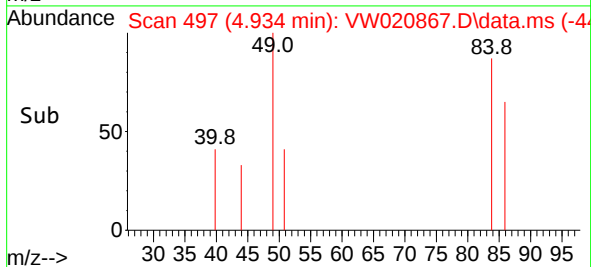
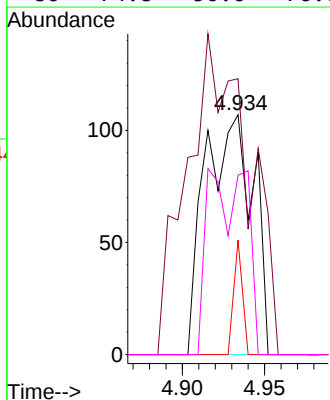
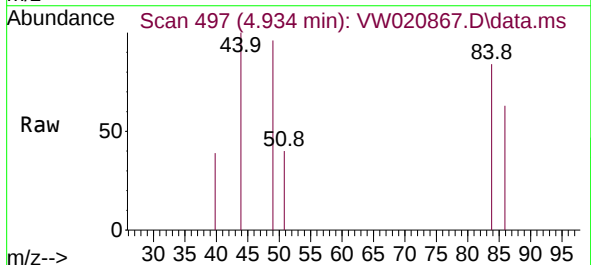
Instrument :
MSVOA_W
ClientSampleId :

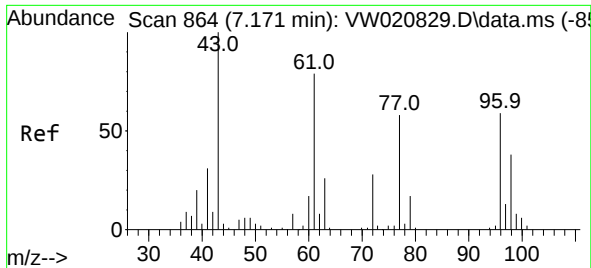
Tgt Ion: 43 Resp: 774
Ion Ratio Lower Upper
43 100
58 36.4 24.2 36.2#



#20
Methylene Chloride
Concen: 4.208 ug/l
RT: 4.934 min Scan# 497
Delta R.T. 0.019 min
Lab File: VW020867.D
Acq: 12 Nov 2021 20:47

Tgt Ion: 84 Resp: 218
Ion Ratio Lower Upper
84 100
49 115.0 100.0 150.0
51 47.7 30.8 46.2#
86 74.8 50.6 76.0





#25

2-Butanone

Concen: 1.633 ug/l

RT: 7.208 min Scan# 81

Delta R.T. 0.037 min

Lab File: VW020867.D

Acq: 12 Nov 2021 20:47

Instrument :

MSVOA_W

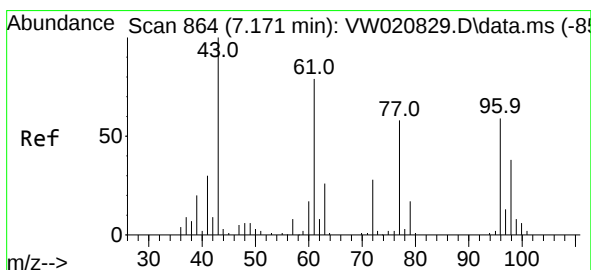
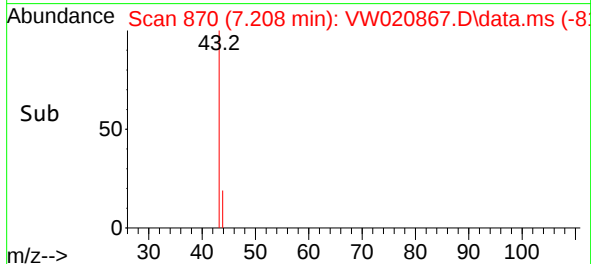
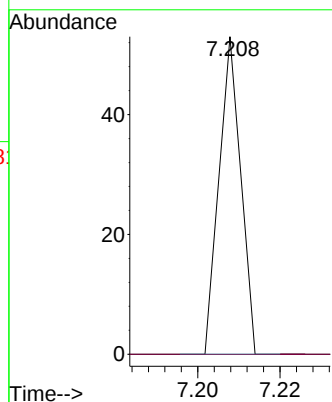
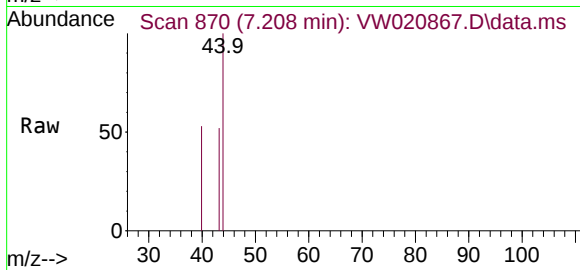
ClientSampleId :

Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.0#



#26

2,2-Dichloropropane

Concen: 4.988 ug/l

RT: 7.110 min Scan# 854

Delta R.T. -0.061 min

Lab File: VW020867.D

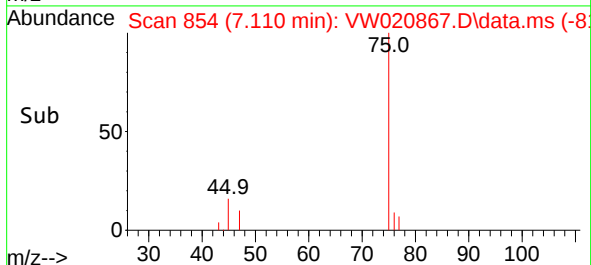
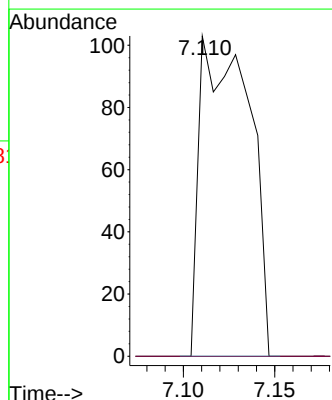
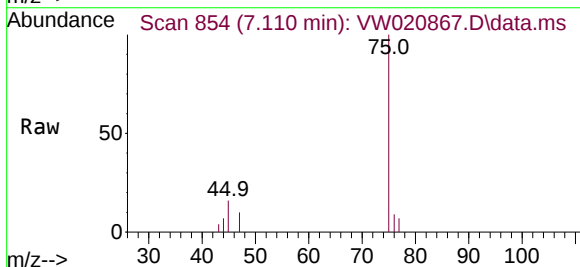
Acq: 12 Nov 2021 20:47

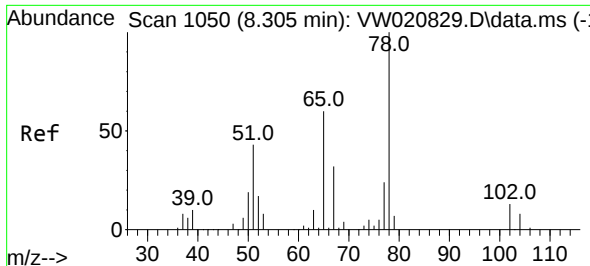
Tgt Ion: 77 Resp: 194

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#

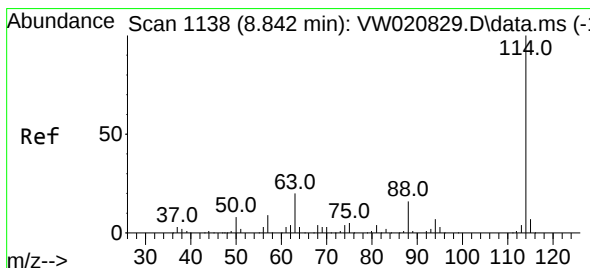
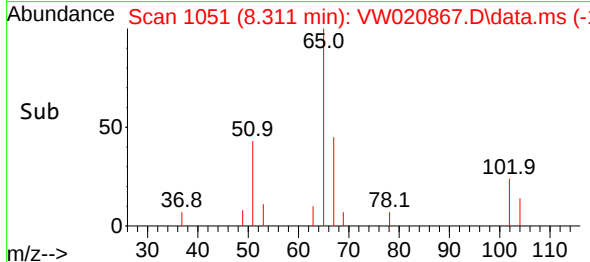
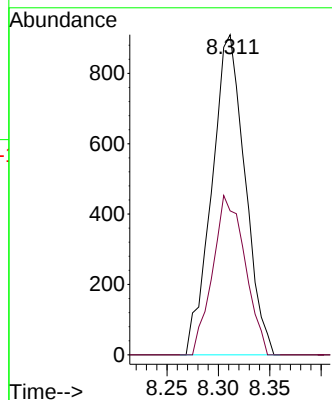
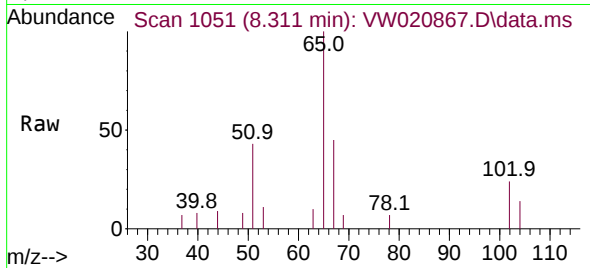




#33
 1,2-Dichloroethane-d4
 Concen: 58.553 ug/l
 RT: 8.311 min Scan# 1051
 Delta R.T. 0.006 min
 Lab File: VW020867.D
 Acq: 12 Nov 2021 20:47

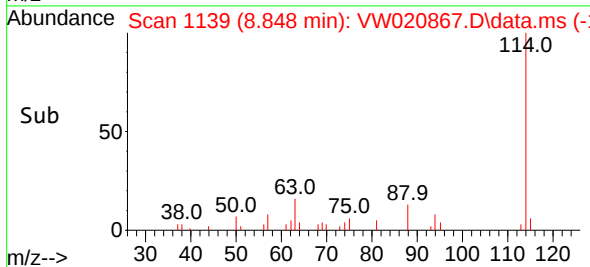
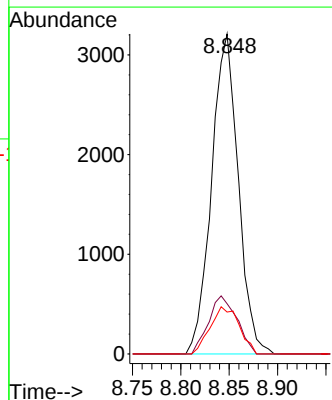
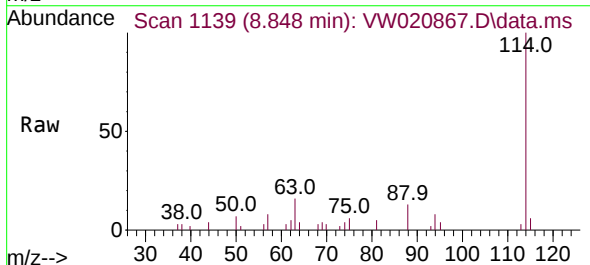
Instrument :
 MSVOA_W
 ClientSampleId :

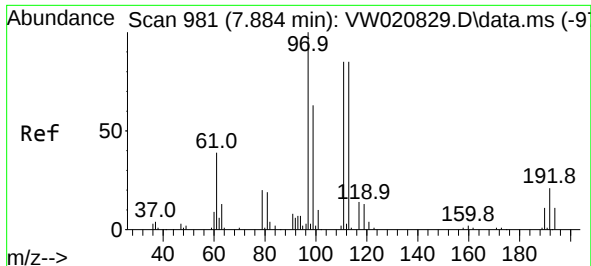
Tgt Ion: 65 Resp: 2039
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.848 min Scan# 1139
 Delta R.T. 0.006 min
 Lab File: VW020867.D
 Acq: 12 Nov 2021 20:47

Tgt Ion: 114 Resp: 6157
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 42.8
 88 13.1 0.0 33.0

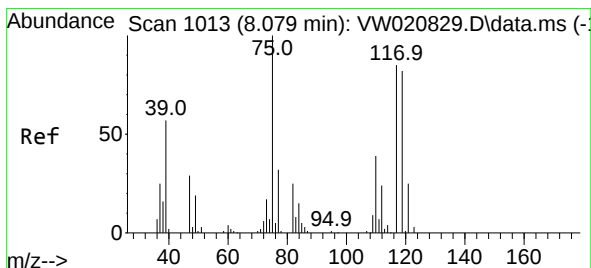
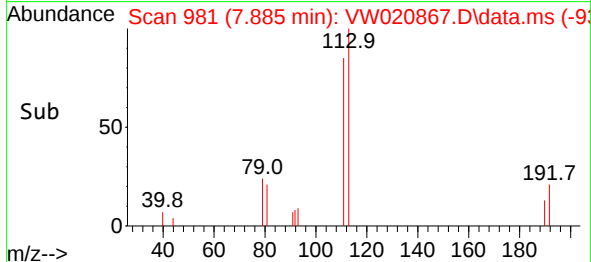
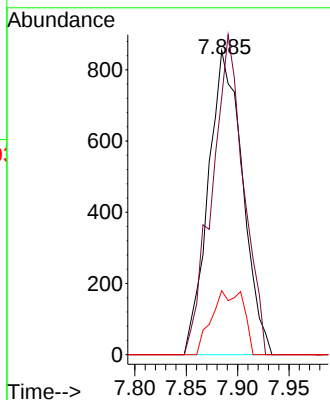
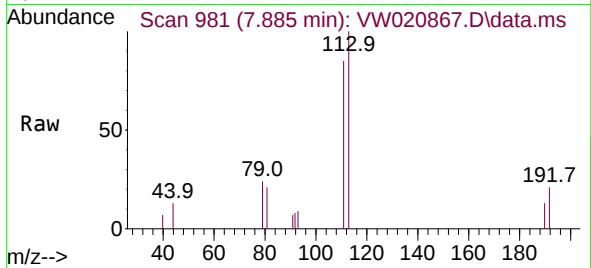




#35
Dibromofluoromethane
Concen: 57.581 ug/l
RT: 7.885 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW020867.D
Acq: 12 Nov 2021 20:47

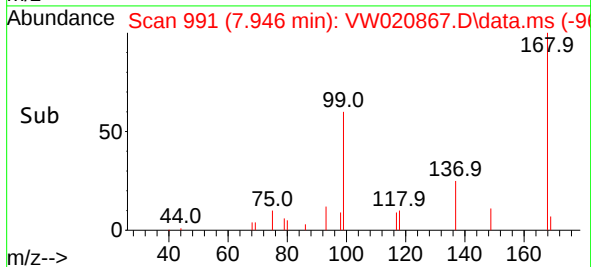
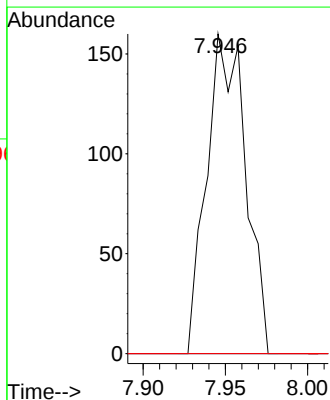
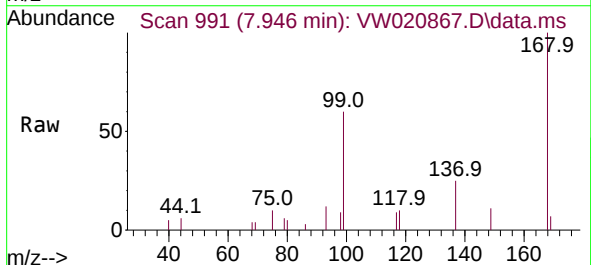
Instrument :
MSVOA_W
ClientSampleId :

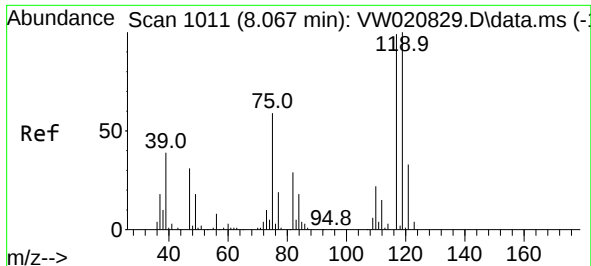
Tgt Ion:113 Resp: 1982
Ion Ratio Lower Upper
113 100
111 97.2 82.1 123.1
192 19.4 17.8 26.8



#36
1,1-Dichloropropene
Concen: 5.168 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.134 min
Lab File: VW020867.D
Acq: 12 Nov 2021 20:47

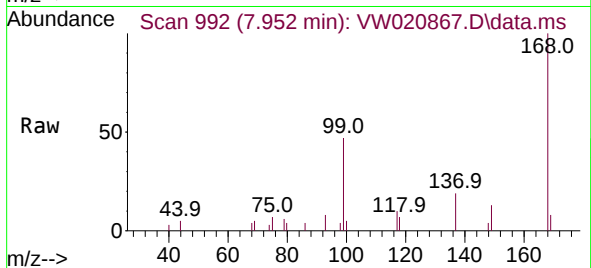
Tgt Ion: 75 Resp: 263
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.3#
77 0.0 24.9 37.3#



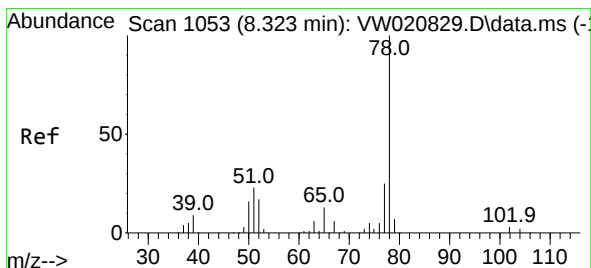
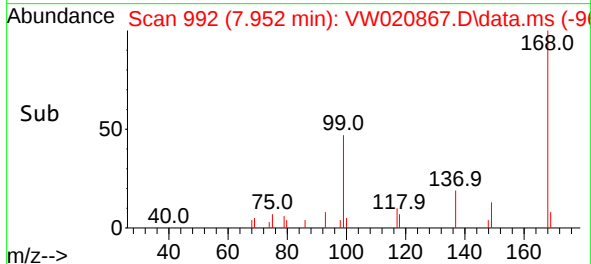
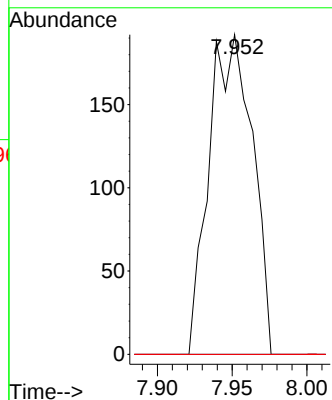


#38
Carbon Tetrachloride
Concen: 7.279 ug/l
RT: 7.952 min Scan# 91
Delta R.T. -0.116 min
Lab File: VW020867.D
Acq: 12 Nov 2021 20:47

Instrument :
MSVOA_W
ClientSampleId :

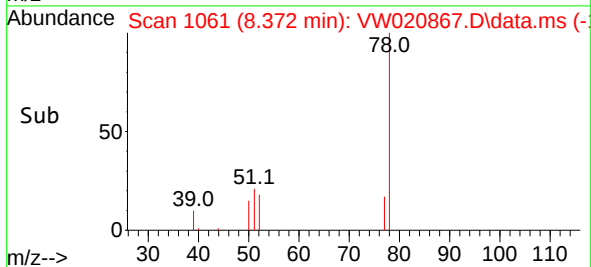
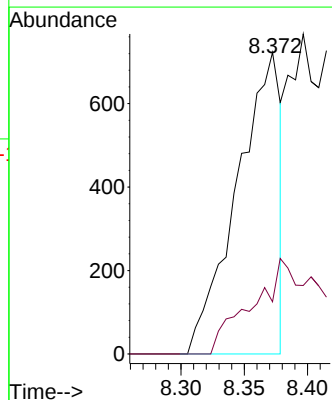
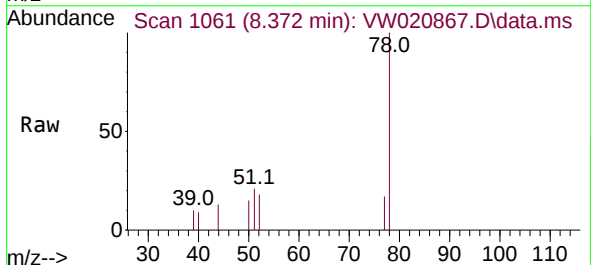


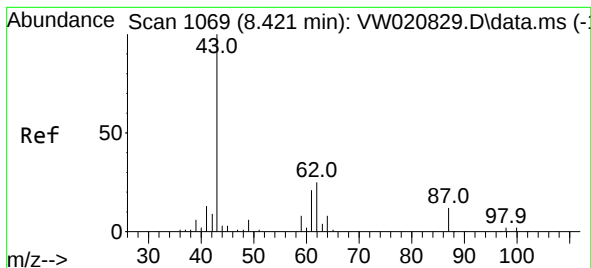
Tgt Ion:117 Resp: 388
Ion Ratio Lower Upper
117 100
119 0.0 72.9 109.3#
121 0.0 23.4 35.0#



#40
Benzene
Concen: 12.678 ug/l
RT: 8.372 min Scan# 1061
Delta R.T. 0.049 min
Lab File: VW020867.D
Acq: 12 Nov 2021 20:47

Tgt Ion: 78 Resp: 1727
Ion Ratio Lower Upper
78 100
77 17.3 19.0 28.6#





#43

Isopropyl Acetate

Concen: 4.431 ug/l

RT: 8.543 min Scan# 1089

Delta R.T. 0.122 min

Lab File: VW020867.D

Acq: 12 Nov 2021 20:47

Instrument :

MSVOA_W

ClientSampleId :

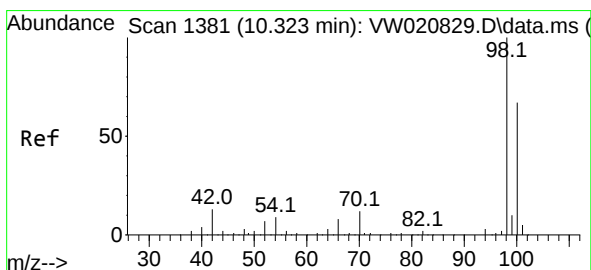
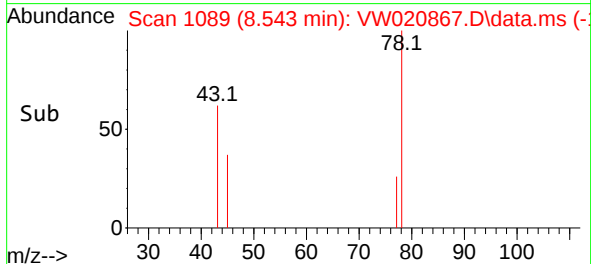
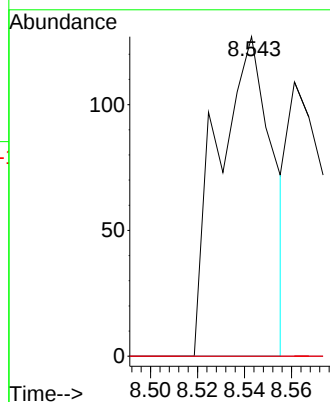
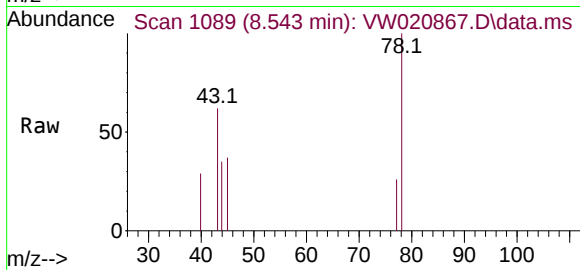
Tgt Ion: 43 Resp: 207

Ion Ratio Lower Upper

43 100

61 0.0 23.3 34.9#

87 0.0 10.4 15.6#



#50

Toluene-d8

Concen: 43.907 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VW020867.D

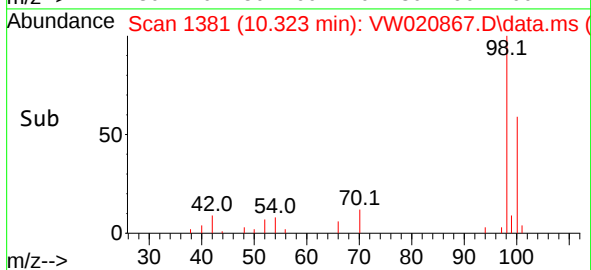
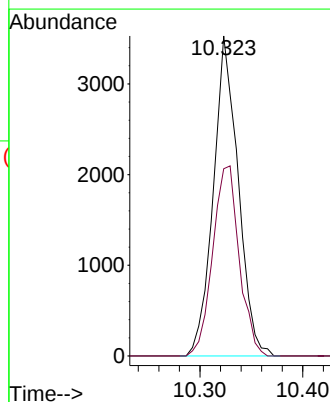
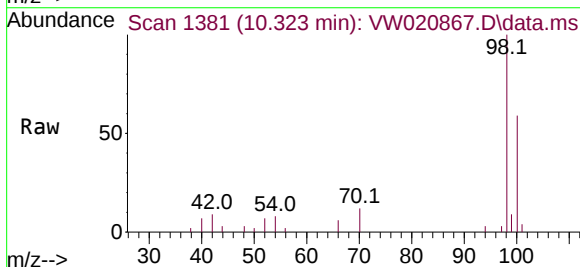
Acq: 12 Nov 2021 20:47

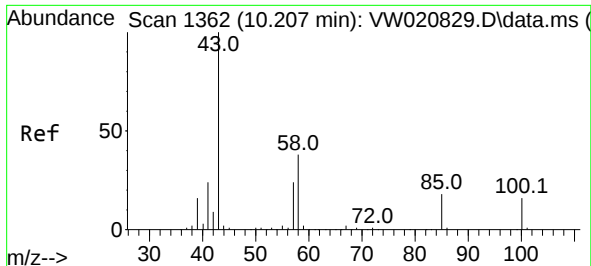
Tgt Ion: 98 Resp: 5913

Ion Ratio Lower Upper

98 100

100 63.5 53.2 79.8

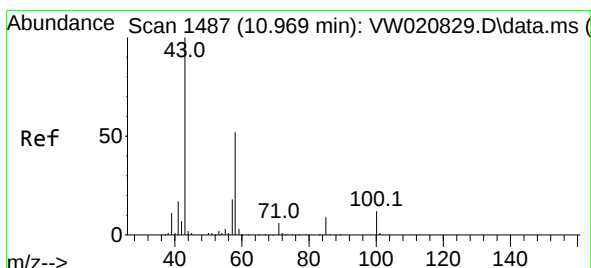
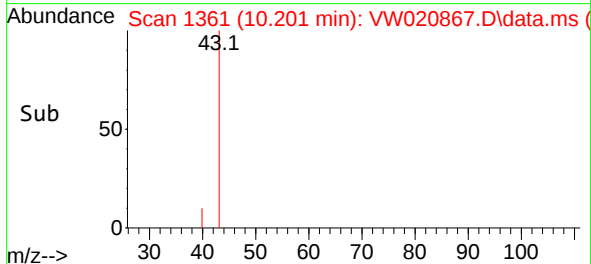
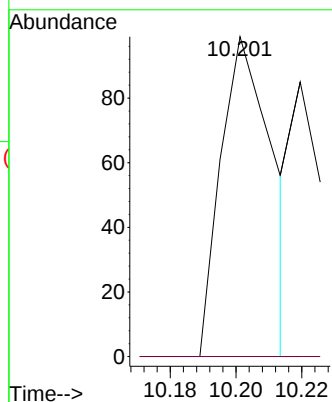
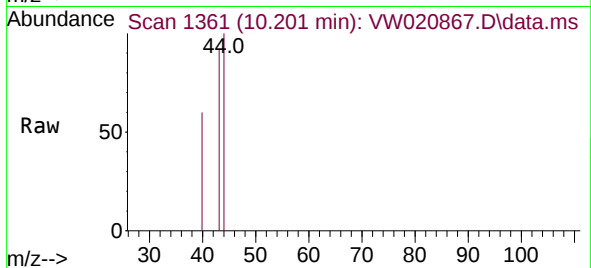




#51
4-Methyl-2-Pentanone
Concen: 4.313 ug/l
RT: 10.201 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW020867.D
Acq: 12 Nov 2021 20:47

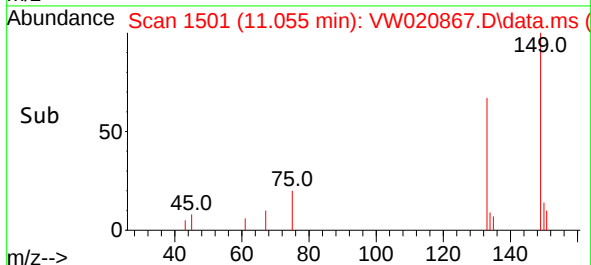
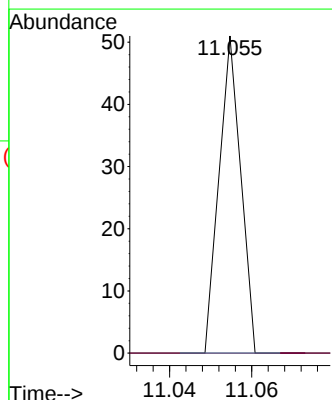
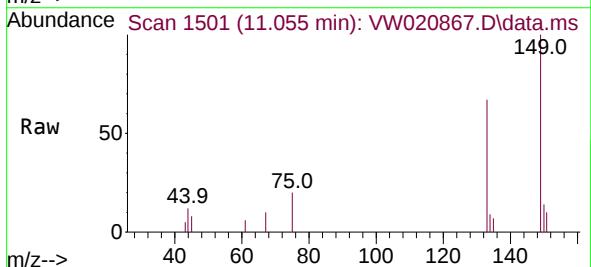
Instrument :
MSVOA_W
ClientSampleId :

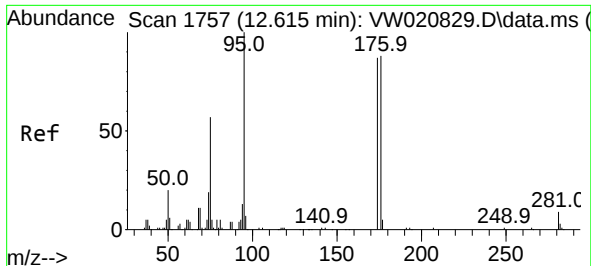
Tgt Ion: 43 Resp: 107
Ion Ratio Lower Upper
43 100
58 0.0 30.6 46.0#



#59
2-Hexanone
Concen: 1.043 ug/l
RT: 11.055 min Scan# 1501
Delta R.T. 0.085 min
Lab File: VW020867.D
Acq: 12 Nov 2021 20:47

Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
58 0.0 26.4 79.2#

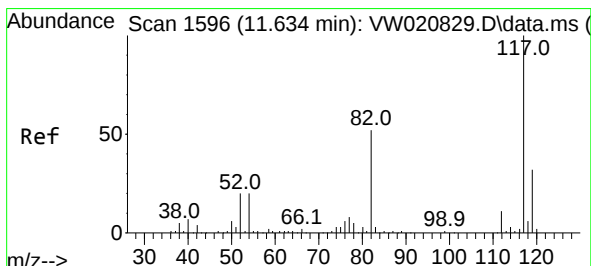
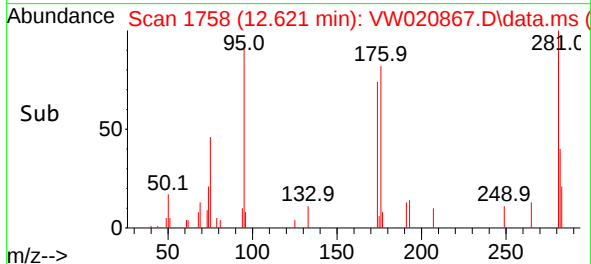
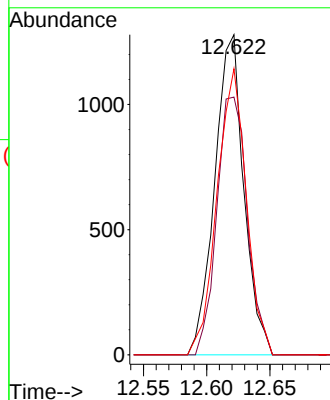
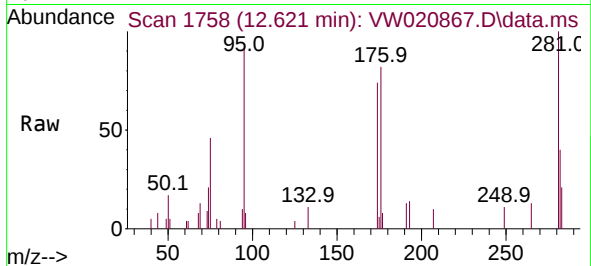




#62
4-Bromofluorobenzene
Concen: 42.274 ug/l
RT: 12.621 min Scan# 1757
Delta R.T. 0.006 min
Lab File: VW020867.D
Acq: 12 Nov 2021 20:47

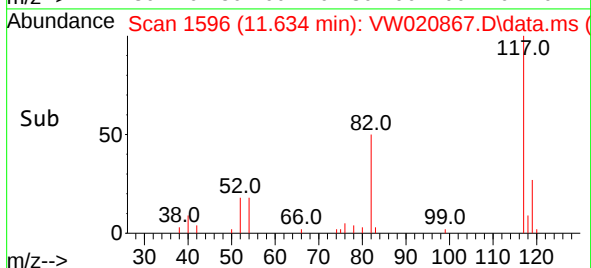
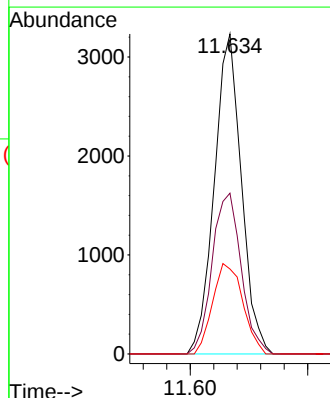
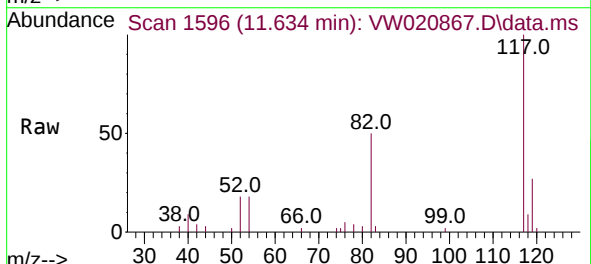
Instrument :
MSVOA_W
ClientSampleId :

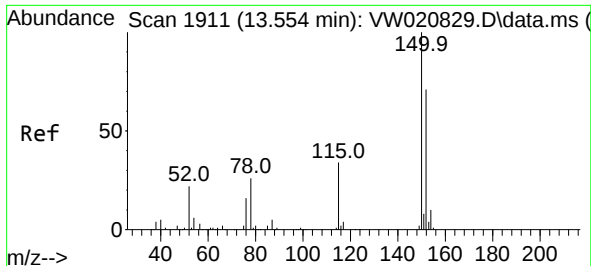
Tgt Ion: 95	Resp: 2054
Ion Ratio	Lower Upper
95 100	
174 84.1	0.0 166.4
176 89.5	0.0 159.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW020867.D
Acq: 12 Nov 2021 20:47

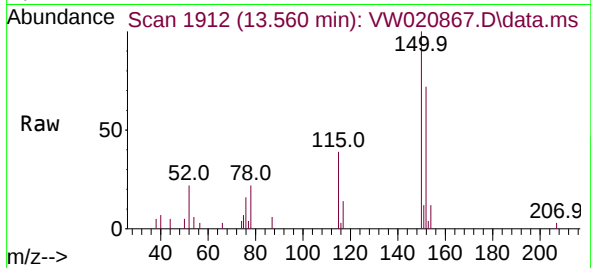
Tgt Ion: 117	Resp: 5176
Ion Ratio	Lower Upper
117 100	
82 50.3	45.6 68.4
119 26.6	25.0 37.4



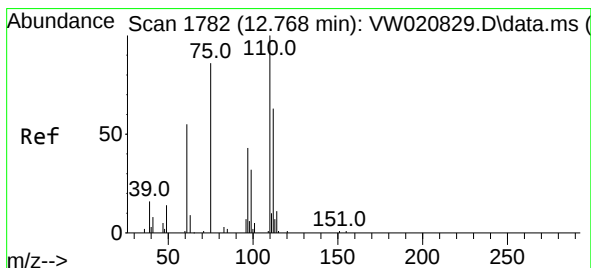
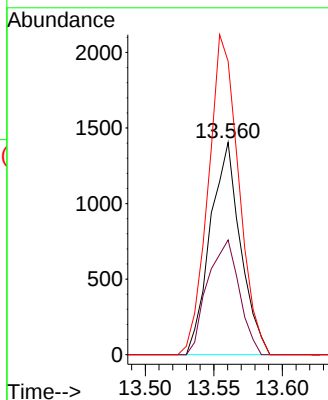
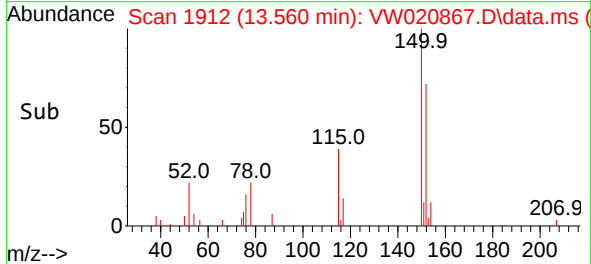


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VW020867.D
Acq: 12 Nov 2021 20:47

Instrument :
MSVOA_W
ClientSampleId :

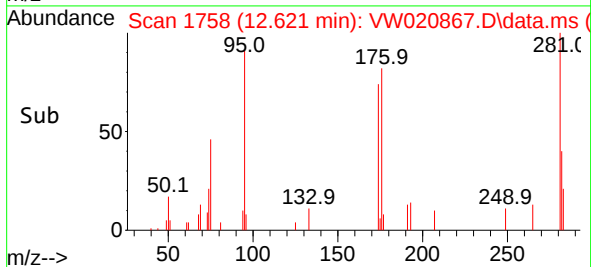
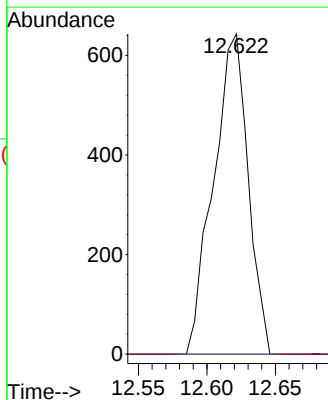
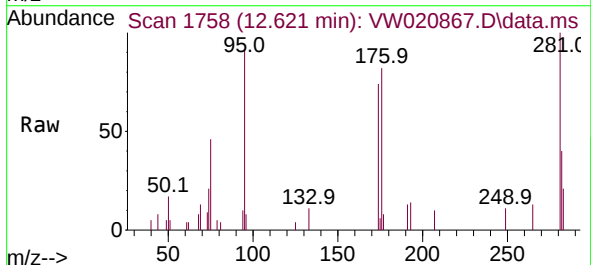


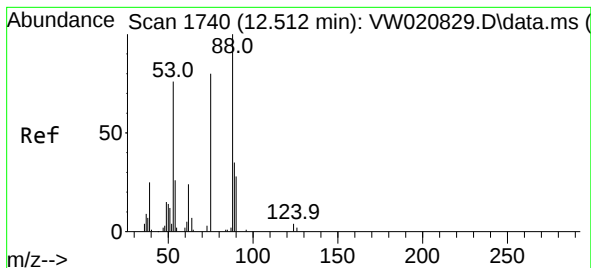
Tgt Ion:152 Resp: 2162
Ion Ratio Lower Upper
152 100
115 56.4 29.6 88.9
150 151.3 0.0 352.6



#76
1,2,3-Trichloropropane
Concen: 68.037 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.146 min
Lab File: VW020867.D
Acq: 12 Nov 2021 20:47

Tgt Ion: 75 Resp: 1131
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

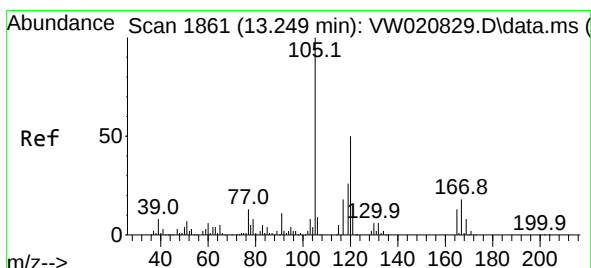
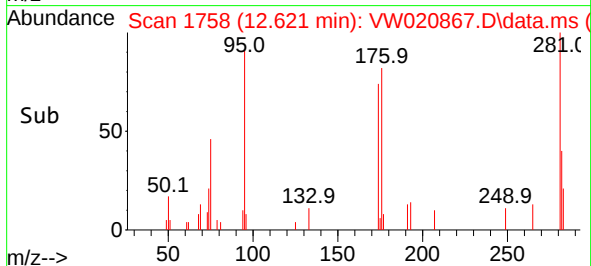
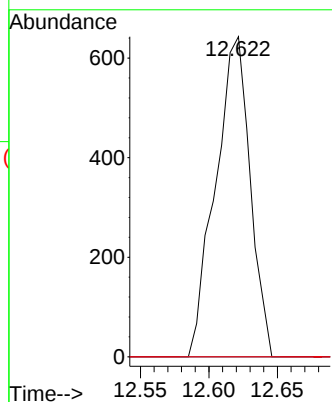
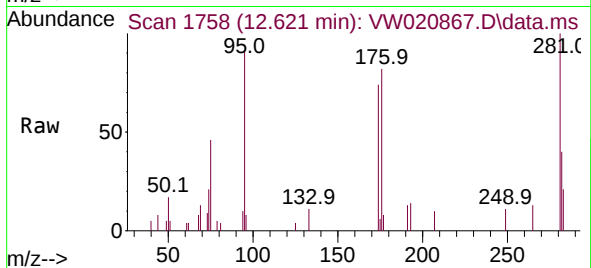




#81
trans-1,4-Dichloro-2-butene
Concen: 133.926 ug/l
RT: 12.621 min Scan# 11
Delta R.T. 0.110 min
Lab File: VW020867.D
Acq: 12 Nov 2021 20:47

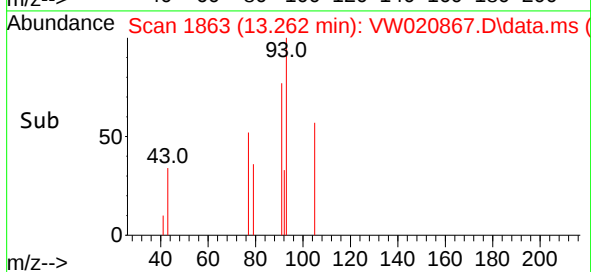
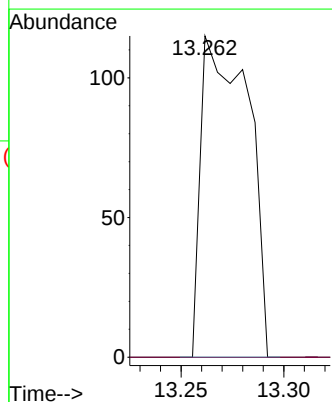
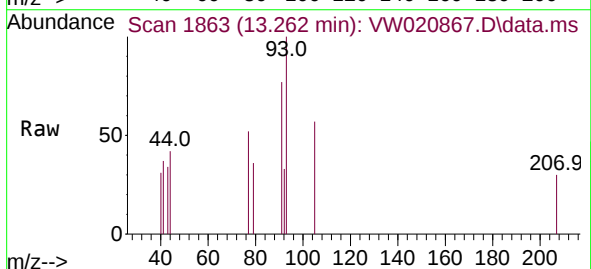
Instrument :
MSVOA_W
ClientSampleId :

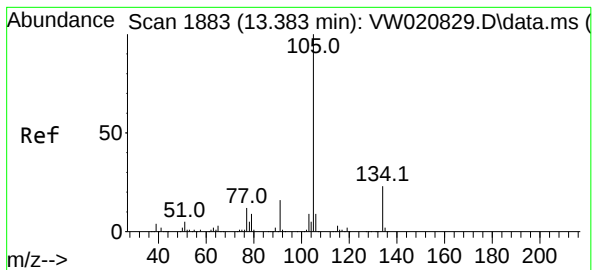
Tgt Ion: 75 Resp: 1131
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 36.7 55.1#



#84
1,2,4-Trimethylbenzene
Concen: 1.666 ug/l
RT: 13.262 min Scan# 1863
Delta R.T. 0.012 min
Lab File: VW020867.D
Acq: 12 Nov 2021 20:47

Tgt Ion:105 Resp: 184
Ion Ratio Lower Upper
105 100
120 0.0 22.6 67.7#





#85
 sec-Butylbenzene
 Concen: 1.220 ug/l
 RT: 13.262 min Scan# 11
 Delta R.T. -0.122 min
 Lab File: VW020867.D
 Acq: 12 Nov 2021 20:47

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 184
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.3#

