

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112221\
 Data File : VW020943.D
 Acq On : 22 Nov 2021 17:49
 Operator : SY/VA
 Sample : M4814-01
 Misc : 5.09g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 23 02:26:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:03:38 2021
 Response via : Initial Calibration

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

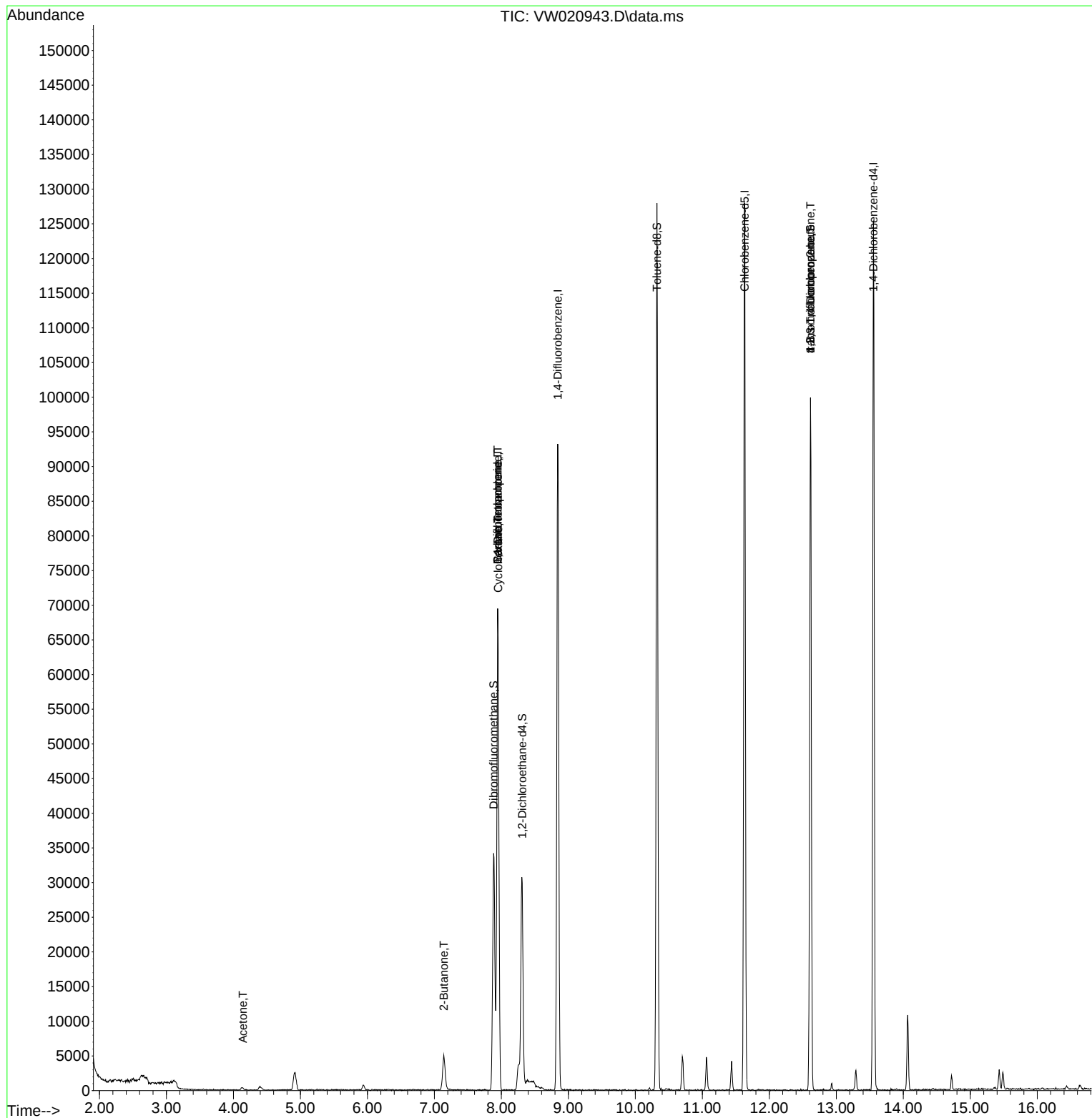
Internal Standards						
1) Pentafluorobenzene	7.945	168	51654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	81515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	73205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	33527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	24194	50.565	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.140%
35) Dibromofluoromethane	7.884	113	23169	45.313	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.620%
50) Toluene-d8	10.323	98	82245	43.858	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.720%
62) 4-Bromofluorobenzene	12.615	95	27872	39.853	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.700%
Target Compounds						
					Qvalue	
16) Acetone	4.141	43	738	7.420	ug/l	91
20) Methylene Chloride	4.915	84	2015	Below Cal		89
25) 2-Butanone	7.141	43	154	1.090	ug/l #	49
31) Cyclohexane	7.951	56	1156	1.448	ug/l #	33
36) 1,1-Dichloropropene	7.945	75	3689	5.038	ug/l #	48
38) Carbon Tetrachloride	7.945	117	5087	6.530	ug/l #	19
76) 1,2,3-Trichloropropane	12.615	75	14894	49.444	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	14894	116.307	ug/l #	9

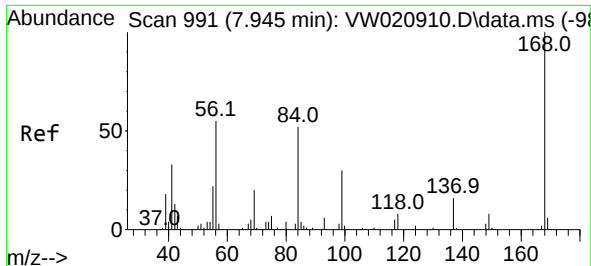
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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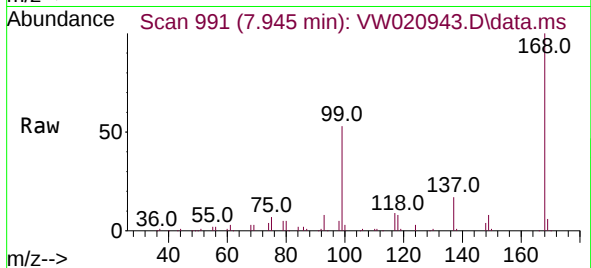
Quant Time: Nov 23 02:26:17 2021
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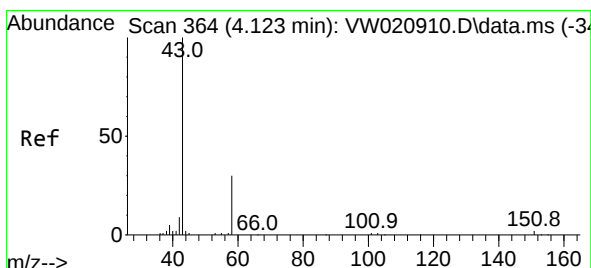
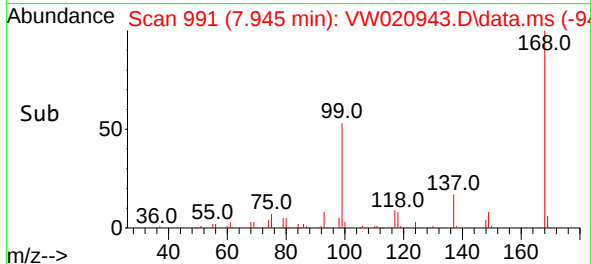
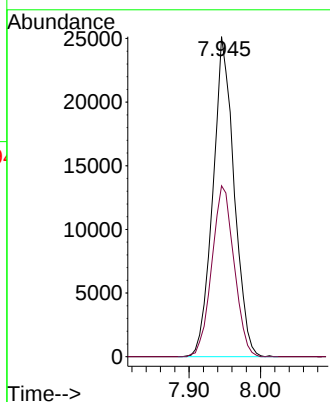


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW020943.D
Acq: 22 Nov 2021 17:49

Instrument :
MSVOA_W
ClientSampleId :

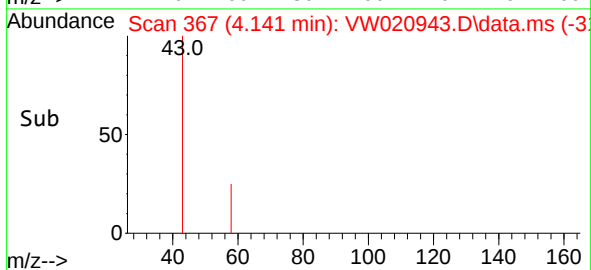
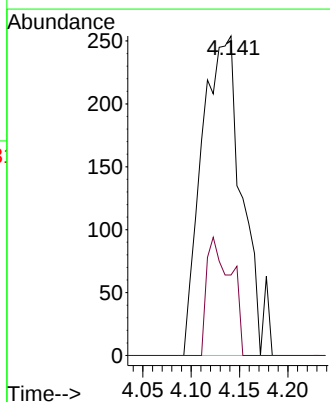
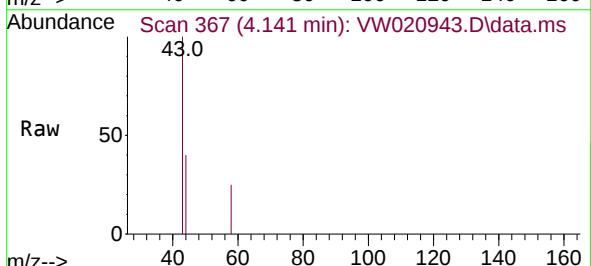


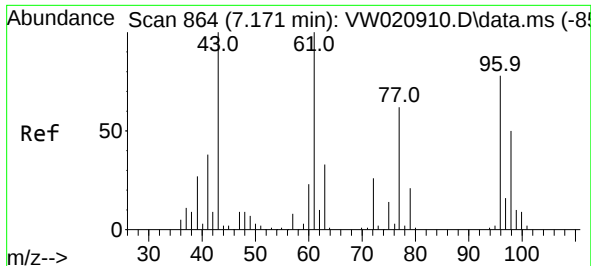
Tgt Ion:168 Resp: 51654
Ion Ratio Lower Upper
168 100
99 53.4 41.6 62.4



#16
Acetone
Concen: 7.420 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW020943.D
Acq: 22 Nov 2021 17:49

Tgt Ion: 43 Resp: 738
Ion Ratio Lower Upper
43 100
58 25.2 24.2 36.2

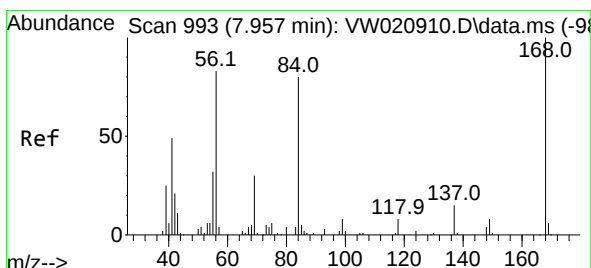
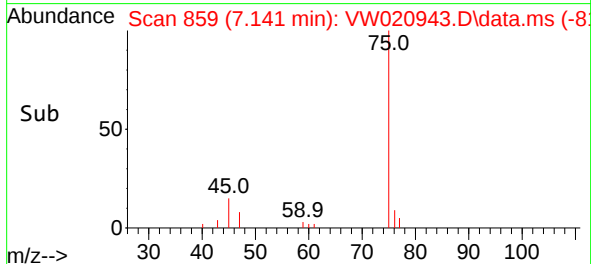
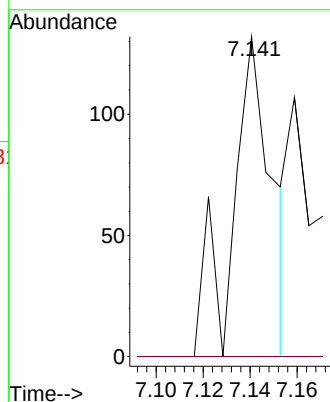
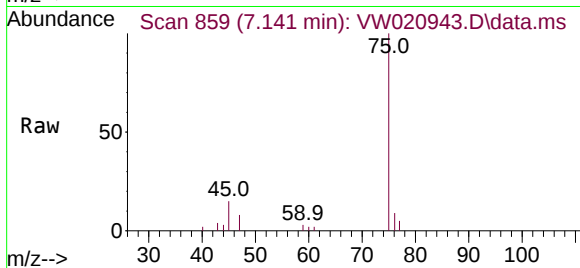




#25
2-Butanone
Concen: 1.090 ug/l
RT: 7.141 min Scan# 864
Delta R.T. -0.030 min
Lab File: VW020943.D
Acq: 22 Nov 2021 17:49

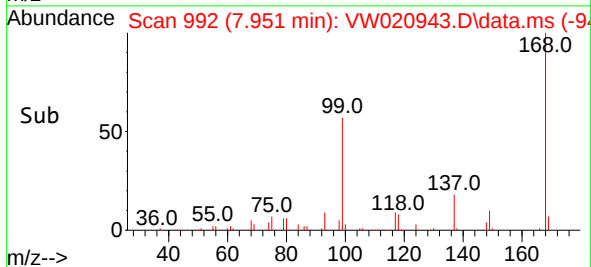
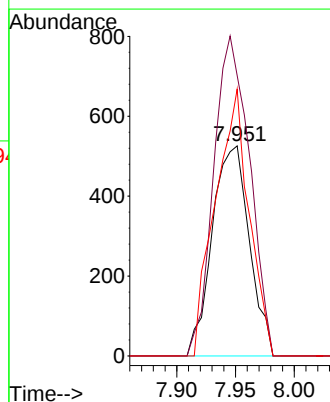
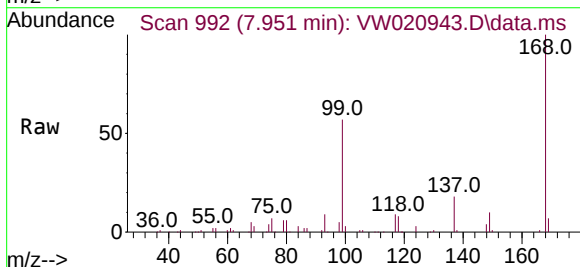
Instrument :
MSVOA_W
ClientSampleId :

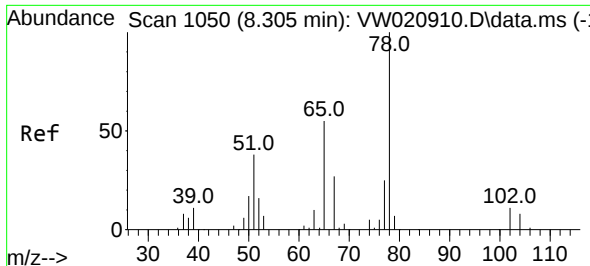
Tgt Ion: 43 Resp: 154
Ion Ratio Lower Upper
43 100
72 0.0 20.7 31.1#



#31
Cyclohexane
Concen: 1.448 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW020943.D
Acq: 22 Nov 2021 17:49

Tgt Ion: 56 Resp: 1156
Ion Ratio Lower Upper
56 100
69 133.5 28.7 43.1#
84 127.0 77.6 116.4#

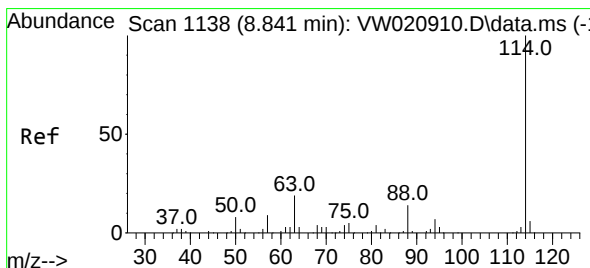
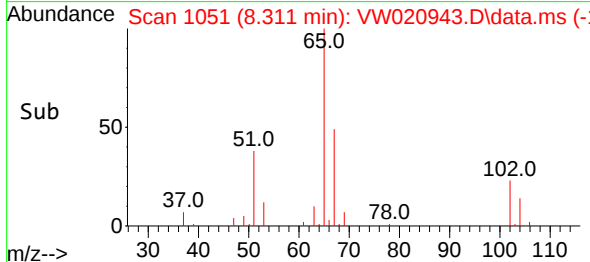
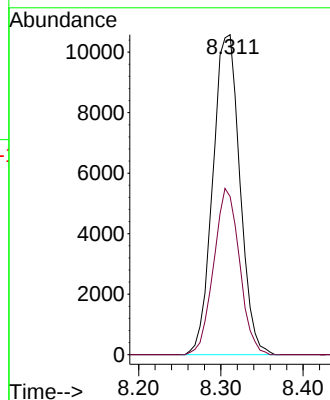
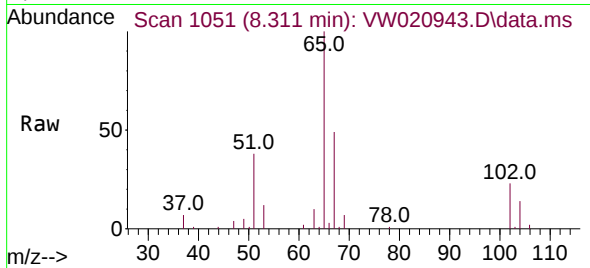




#33
 1,2-Dichloroethane-d4
 Concen: 50.565 ug/l
 RT: 8.311 min Scan# 1051
 Delta R.T. 0.006 min
 Lab File: VW020943.D
 Acq: 22 Nov 2021 17:49

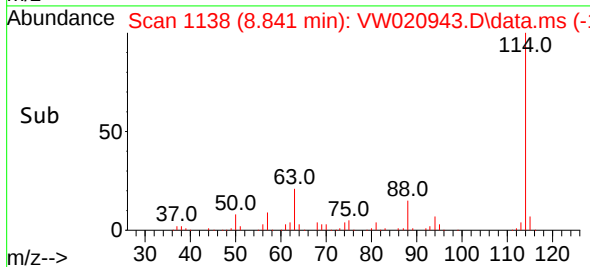
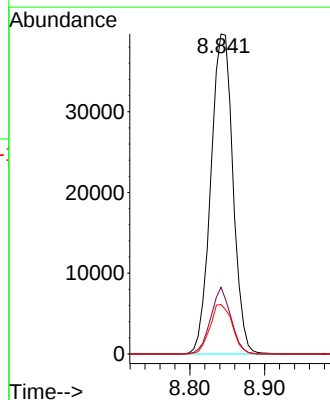
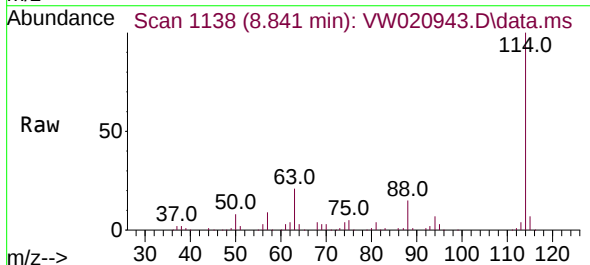
Instrument :
 MSVOA_W
 ClientSampleId :

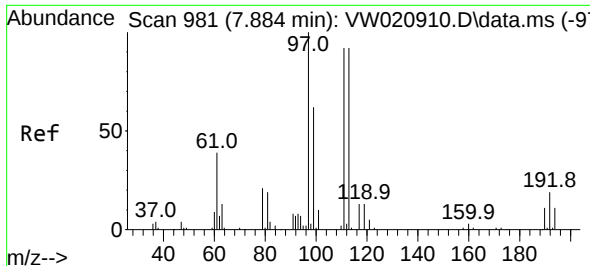
Tgt Ion: 65 Resp: 24194
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.841 min Scan# 1138
 Delta R.T. 0.000 min
 Lab File: VW020943.D
 Acq: 22 Nov 2021 17:49

Tgt Ion: 114 Resp: 81515
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 37.2
 88 15.5 0.0 28.8

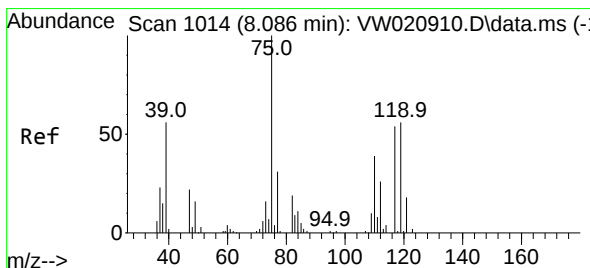
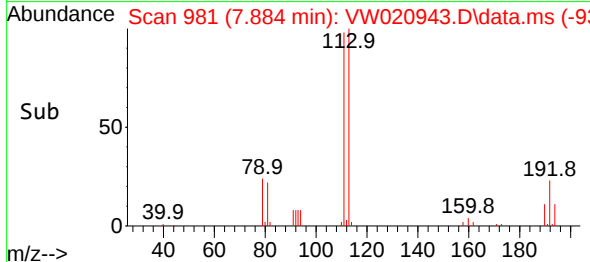
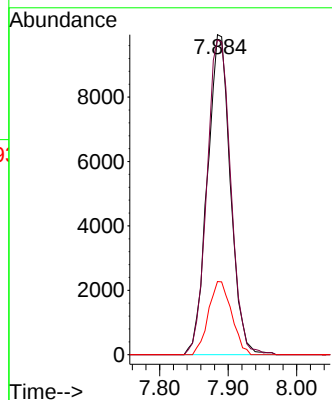
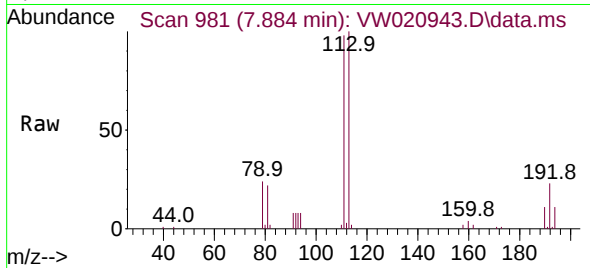




#35
Dibromofluoromethane
Concen: 45.313 ug/l
RT: 7.884 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW020943.D
Acq: 22 Nov 2021 17:49

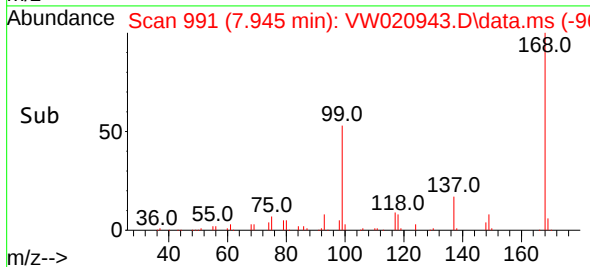
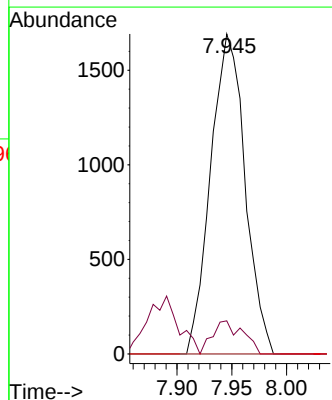
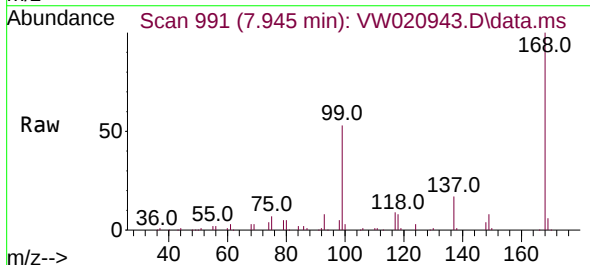
Instrument :
MSVOA_W
ClientSampleId :

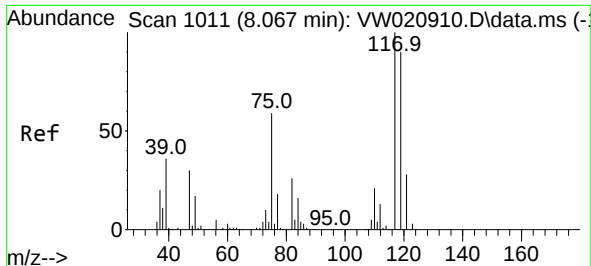
Tgt Ion:113 Resp: 23169
Ion Ratio Lower Upper
113 100
111 102.0 81.2 121.8
192 22.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.038 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.140 min
Lab File: VW020943.D
Acq: 22 Nov 2021 17:49

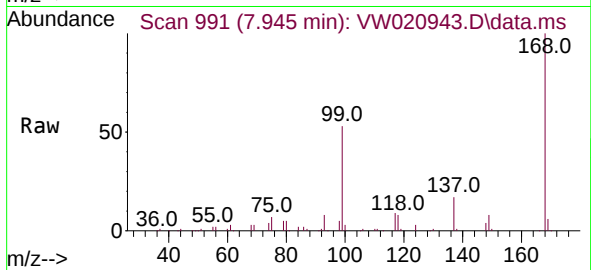
Tgt Ion: 75 Resp: 3689
Ion Ratio Lower Upper
75 100
110 9.1 19.1 57.5#
77 0.0 24.8 37.2#



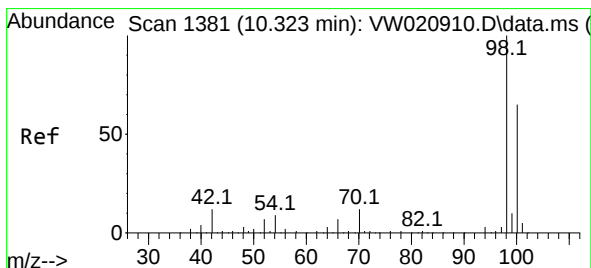
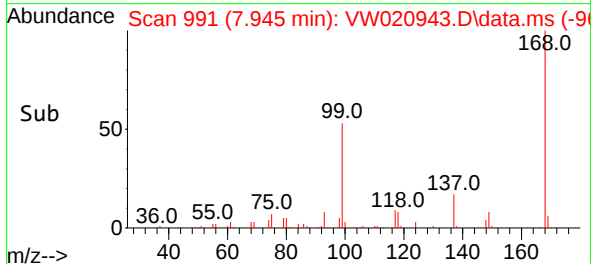
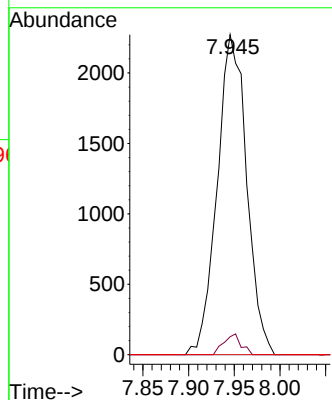


#38
Carbon Tetrachloride
Concen: 6.530 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.122 min
Lab File: VW020943.D
Acq: 22 Nov 2021 17:49

Instrument :
MSVOA_W
ClientSampleId :

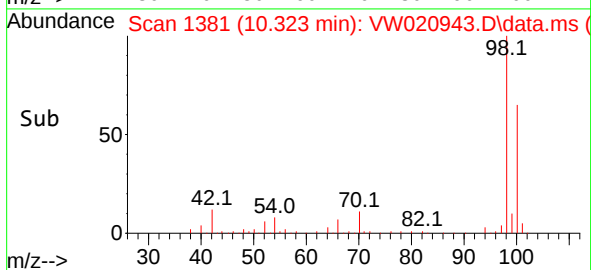
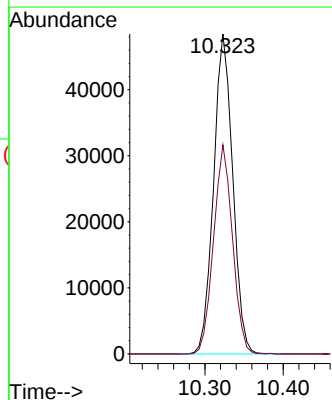
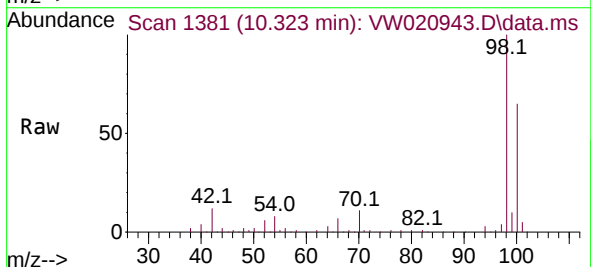


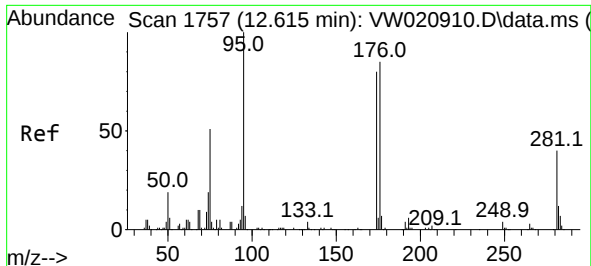
Tgt Ion:117 Resp: 5087
Ion Ratio Lower Upper
117 100
119 5.6 72.0 108.0#
121 0.0 22.6 33.8#



#50
Toluene-d8
Concen: 43.858 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW020943.D
Acq: 22 Nov 2021 17:49

Tgt Ion: 98 Resp: 82245
Ion Ratio Lower Upper
98 100
100 64.7 52.6 79.0

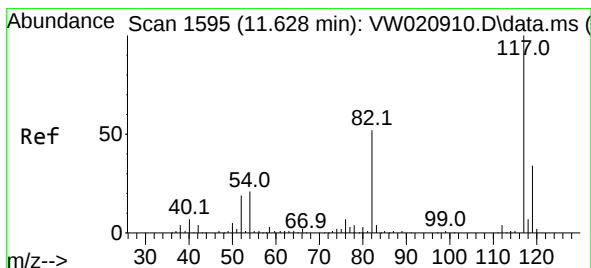
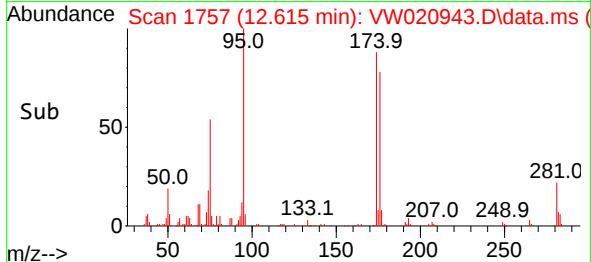
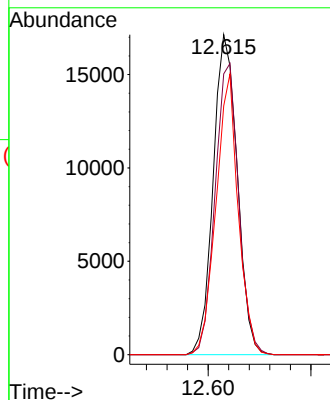
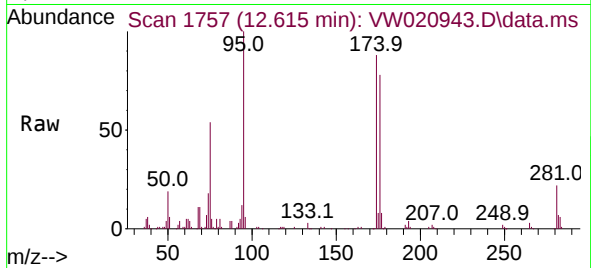




#62
4-Bromofluorobenzene
Concen: 39.853 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020943.D
Acq: 22 Nov 2021 17:49

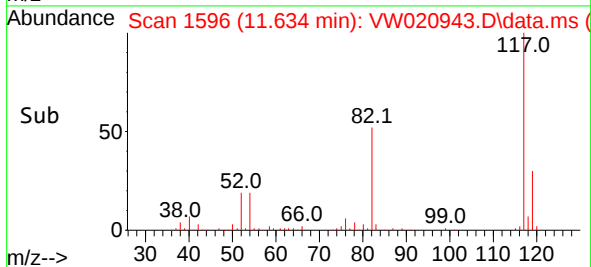
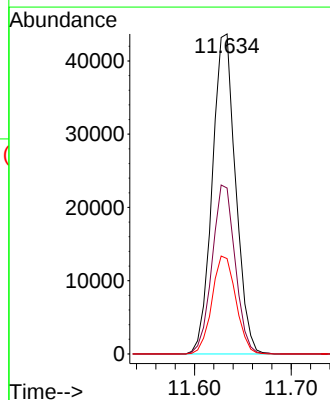
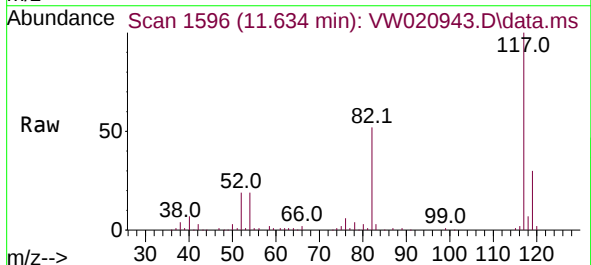
Instrument :
MSVOA_W
ClientSampleId :

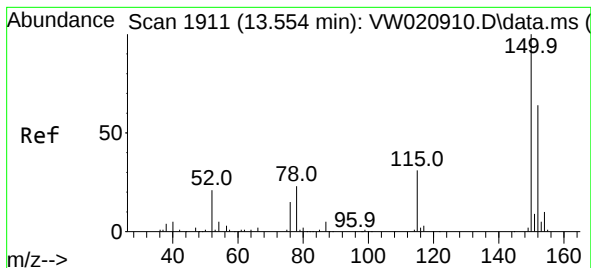
Tgt Ion: 95 Resp: 27872
Ion Ratio Lower Upper
95 100
174 89.1 0.0 171.2
176 80.9 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VW020943.D
Acq: 22 Nov 2021 17:49

Tgt Ion: 117 Resp: 73205
Ion Ratio Lower Upper
117 100
82 51.8 41.4 62.2
119 29.8 27.2 40.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.554 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VW020943.D

Acq: 22 Nov 2021 17:49

Instrument :

MSVOA_W

ClientSampleId :

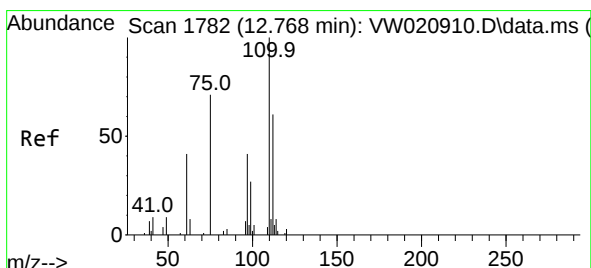
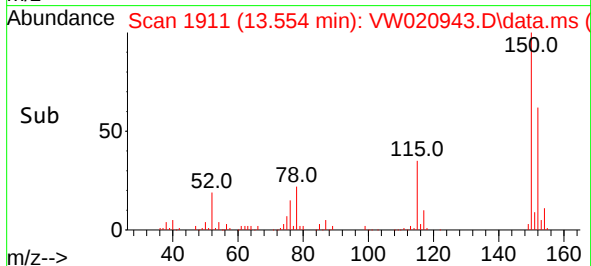
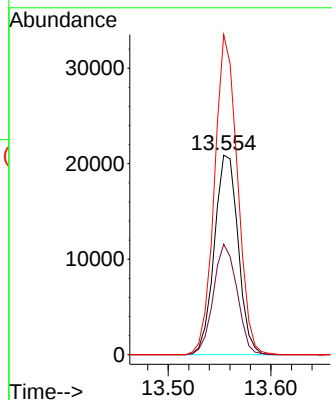
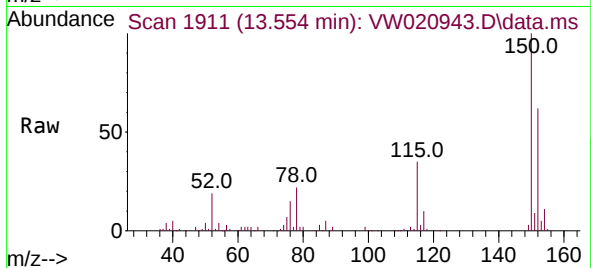
Tgt Ion:152 Resp: 33527

Ion Ratio Lower Upper

152 100

115 55.2 27.8 83.3

150 155.0 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 49.444 ug/l

RT: 12.615 min Scan# 1757

Delta R.T. -0.152 min

Lab File: VW020943.D

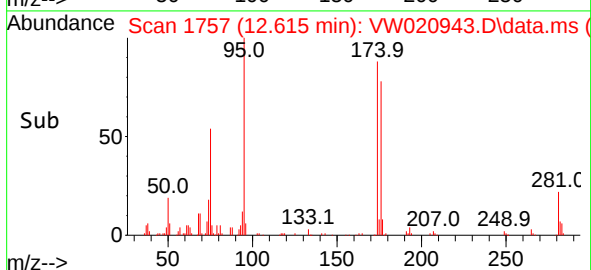
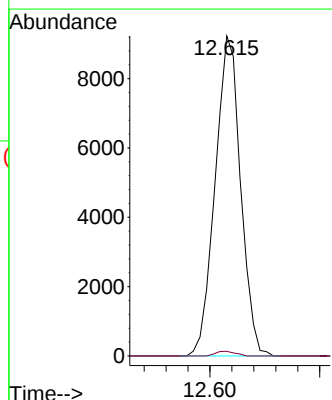
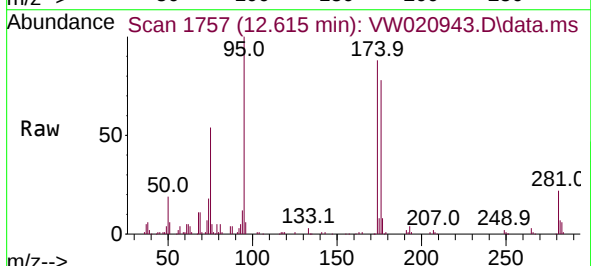
Acq: 22 Nov 2021 17:49

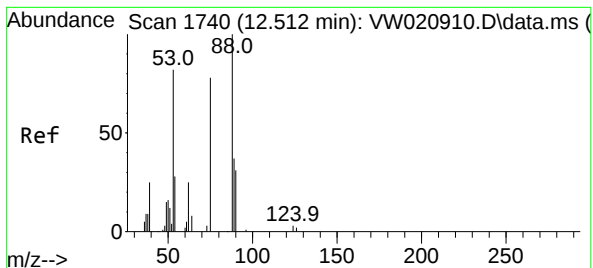
Tgt Ion: 75 Resp: 14894

Ion Ratio Lower Upper

75 100

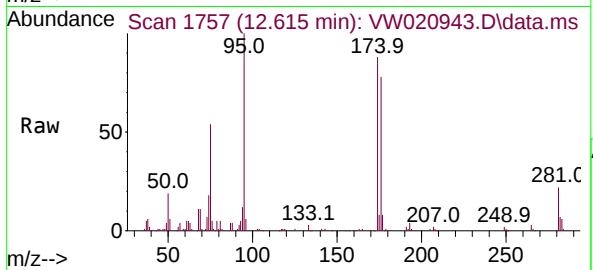
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.307 ug/l
 RT: 12.615 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VW020943.D
 Acq: 22 Nov 2021 17:49

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 14894
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.8 122.8#
 89 0.0 38.6 57.8#

