

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
 Data File : VW021738.D
 Acq On : 05 Jan 2022 18:09
 Operator : SY/VA
 Sample : M5342-02
 Misc : 5.68g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4-(0-2)

Quant Time: Jan 06 05:53:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 05 14:56:42 2022
 Response via : Initial Calibration

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

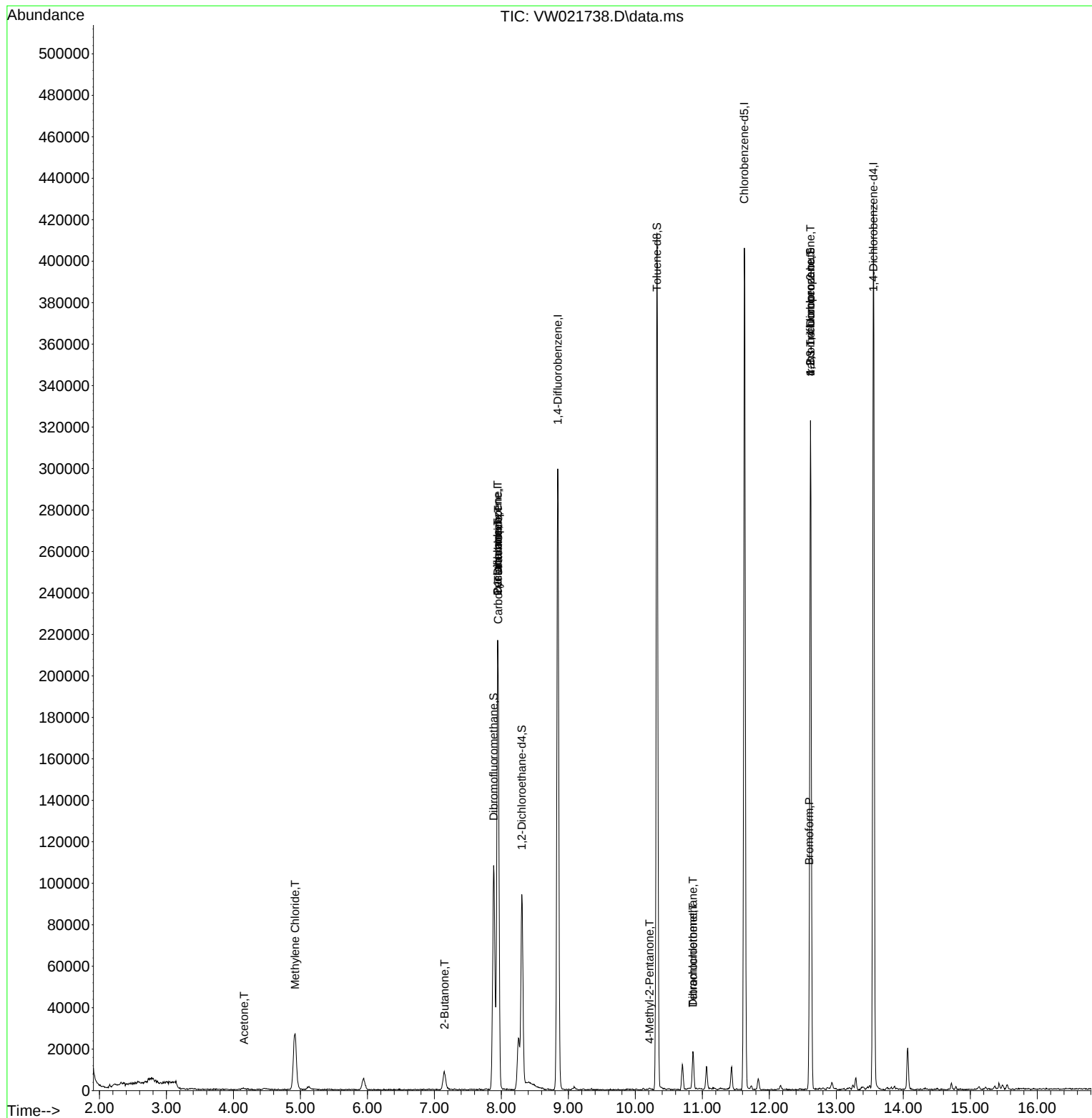
Internal Standards						
1) Pentafluorobenzene	7.945	168	167622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	268415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	239477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	113398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	73055	49.450	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.900%		
35) Dibromofluoromethane	7.884	113	74948	44.863	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.720%		
50) Toluene-d8	10.323	98	270907	44.805	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.620%		
62) 4-Bromofluorobenzene	12.615	95	95896	42.728	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	85.460%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.178	59	262	Below Cal	#	88
13) Acrolein	3.855	56	22	Below Cal	#	1
16) Acetone	4.159	43	1720	6.166	ug/l #	80
20) Methylene Chloride	4.922	84	22495	2.217	ug/l #	85
25) 2-Butanone	7.153	43	679	1.896	ug/l #	49
31) Cyclohexane	7.945	56	3298	1.283	ug/l #	1
36) 1,1-Dichloropropene	7.945	75	11875	5.001	ug/l #	48
38) Carbon Tetrachloride	7.951	117	16661	6.496	ug/l #	19
51) 4-Methyl-2-Pentanone	10.213	43	819	1.054	ug/l	98
60) Dibromochloromethane	10.859	129	3406	2.275	ug/l #	11
64) Tetrachloroethene	10.859	164	3873	2.344	ug/l #	83
71) Bromoform	12.597	173	77	4.378	ug/l #	1
76) 1,2,3-Trichloropropane	12.615	75	47793	56.980	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	47793	161.670	ug/l #	9

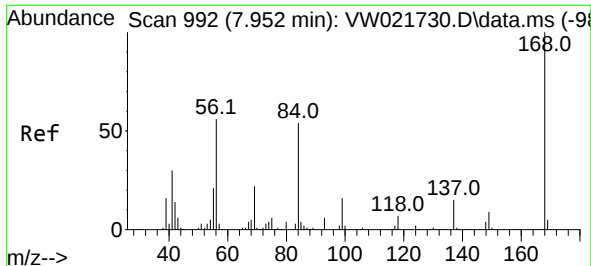
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
Data File : VW021738.D
Acq On : 05 Jan 2022 18:09
Operator : SY/VA
Sample : M5342-02
Misc : 5.68g/5.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-4-(0-2)

Quant Time: Jan 06 05:53:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010522S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 05 14:56:42 2022
Response via : Initial Calibration

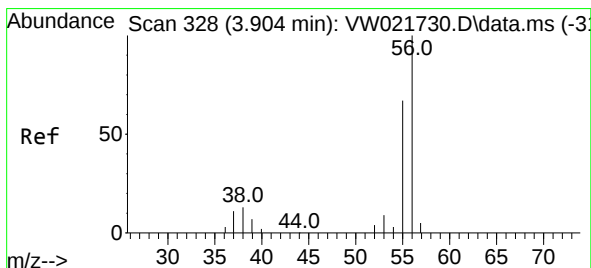
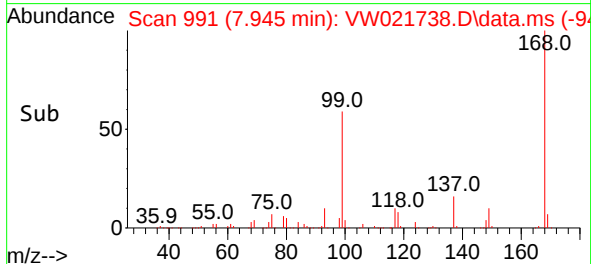
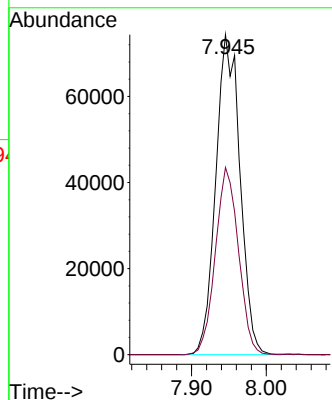
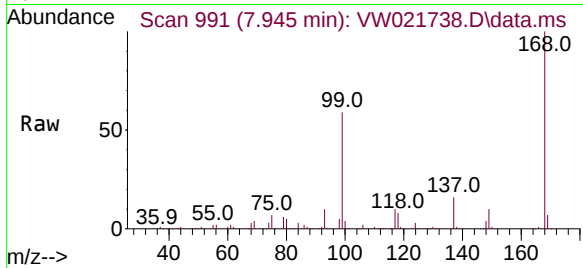




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW021738.D
Acq: 05 Jan 2022 18:09

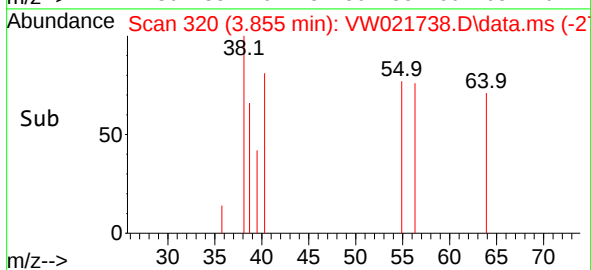
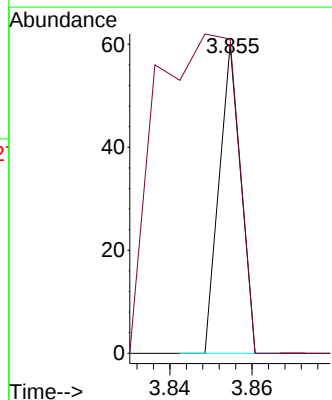
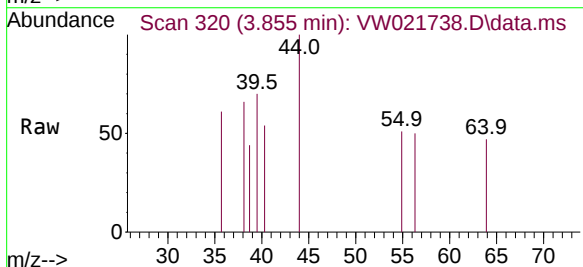
Instrument :
MSVOA_W
ClientSampleId :
SB-4-(0-2)

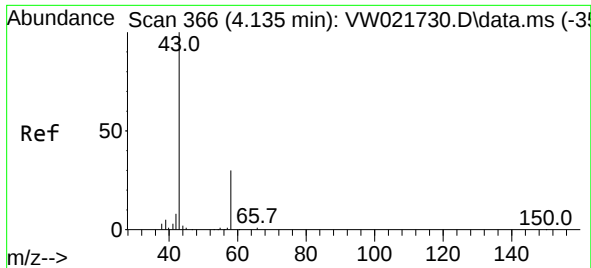
Tgt Ion:168 Resp: 167622
Ion Ratio Lower Upper
168 100
99 58.5 41.6 62.4



#13
Acrolein
Concen: Below Cal
RT: 3.855 min Scan# 320
Delta R.T. -0.036 min
Lab File: VW021738.D
Acq: 05 Jan 2022 18:09

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 386.4 61.2 91.8#





#16

Acetone

Concen: 6.166 ug/l

RT: 4.159 min Scan# 31

Delta R.T. 0.036 min

Lab File: VW021738.D

Acq: 05 Jan 2022 18:09

Instrument :

MSVOA_W

ClientSampleId :

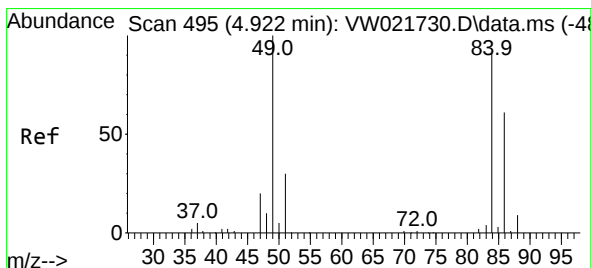
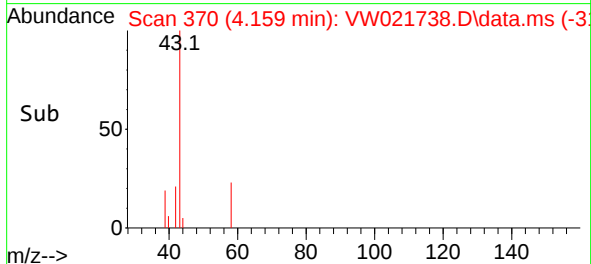
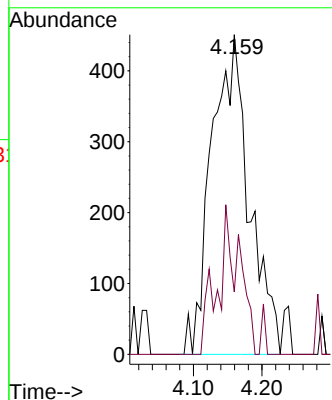
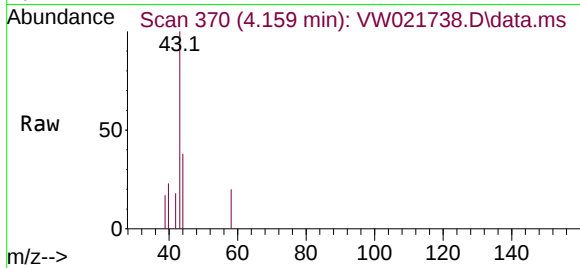
SB-4-(0-2)

Tgt Ion: 43 Resp: 1720

Ion Ratio Lower Upper

43 100

58 19.5 24.2 36.2#



#20

Methylene Chloride

Concen: 2.217 ug/l

RT: 4.922 min Scan# 495

Delta R.T. 0.013 min

Lab File: VW021738.D

Acq: 05 Jan 2022 18:09

Tgt Ion: 84 Resp: 22495

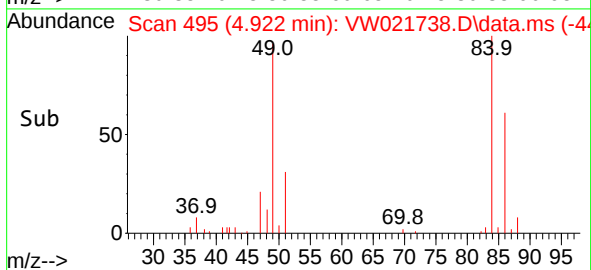
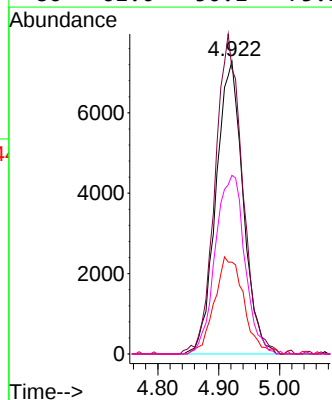
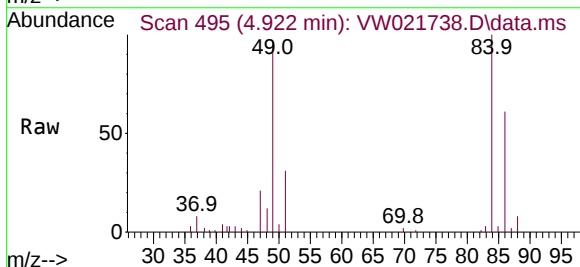
Ion Ratio Lower Upper

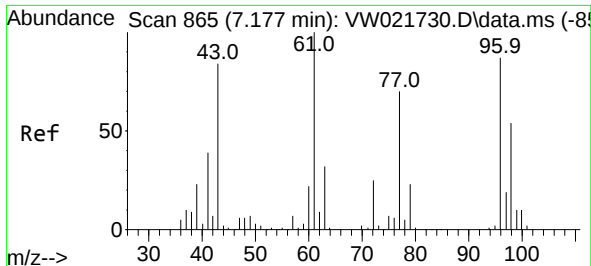
84 100

49 97.4 99.1 148.7#

51 31.3 28.8 43.2

86 61.0 50.1 75.1

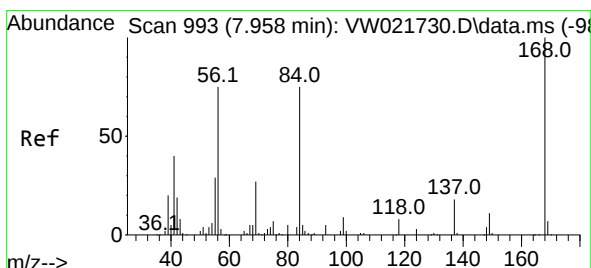
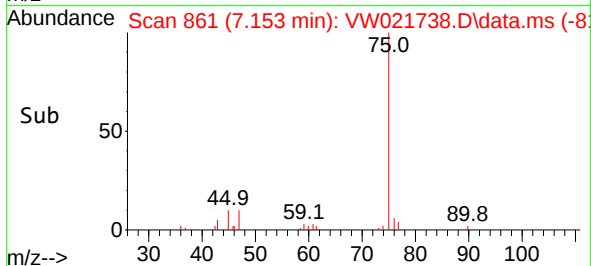
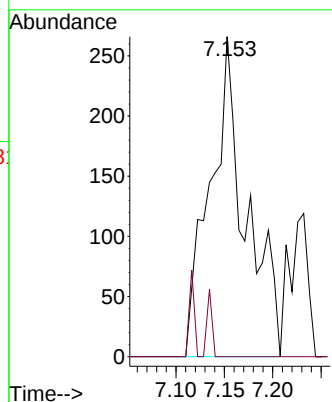
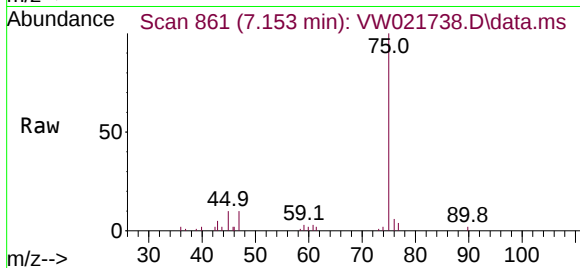




#25
2-Butanone
Concen: 1.896 ug/l
RT: 7.153 min Scan# 861
Delta R.T. -0.018 min
Lab File: VW021738.D
Acq: 05 Jan 2022 18:09

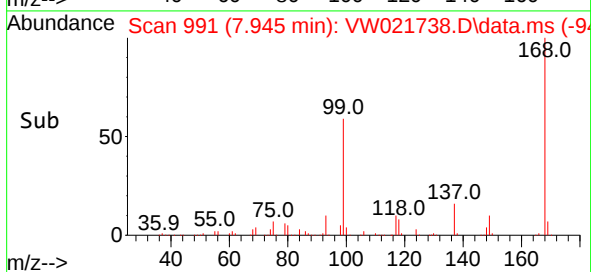
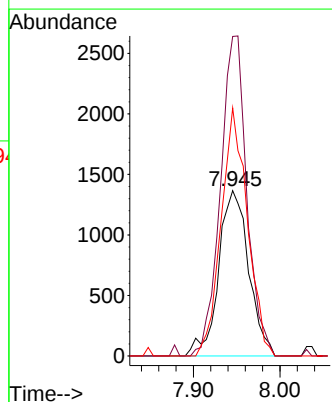
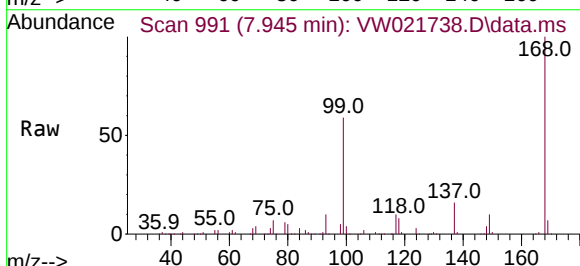
Instrument :
MSVOA_W
ClientSampleId :
SB-4-(0-2)

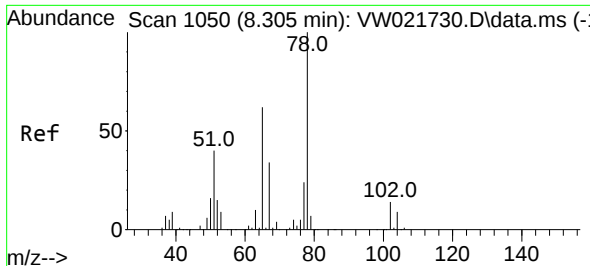
Tgt Ion: 43 Resp: 679
Ion Ratio Lower Upper
43 100
72 0.0 20.7 31.1#



#31
Cyclohexane
Concen: 1.283 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW021738.D
Acq: 05 Jan 2022 18:09

Tgt Ion: 56 Resp: 3298
Ion Ratio Lower Upper
56 100
69 193.3 28.7 43.1#
84 150.0 77.6 116.4#

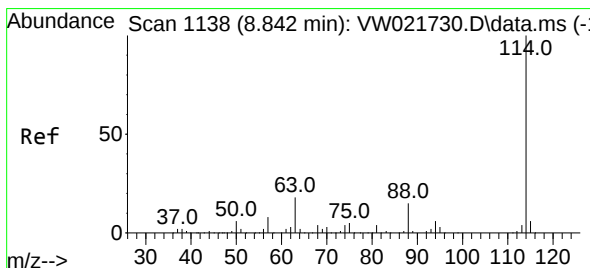
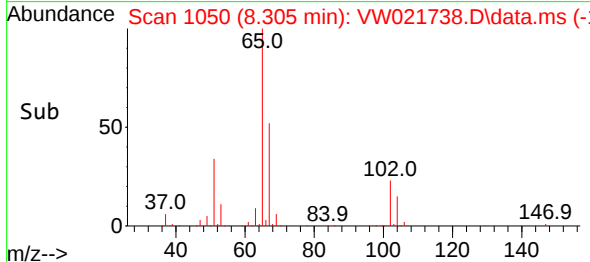
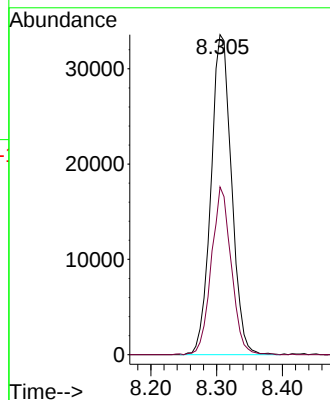
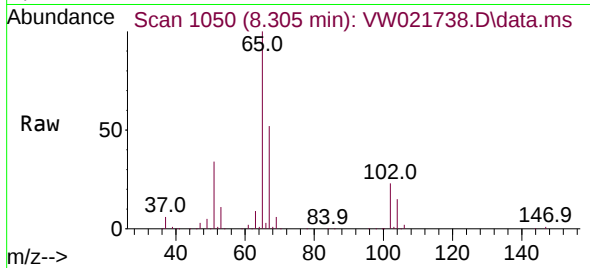




#33
 1,2-Dichloroethane-d4
 Concen: 49.450 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VW021738.D
 Acq: 05 Jan 2022 18:09

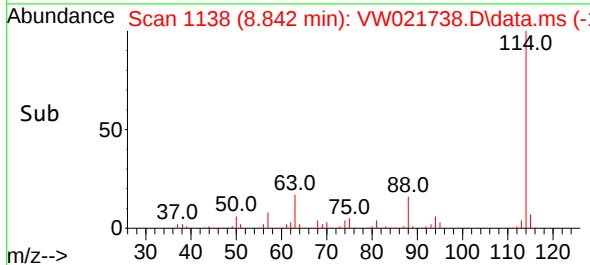
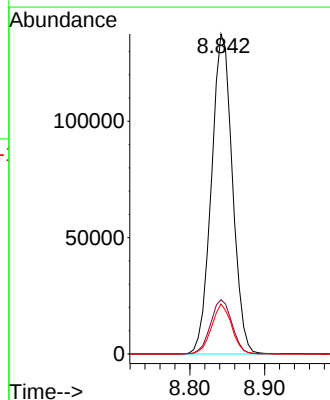
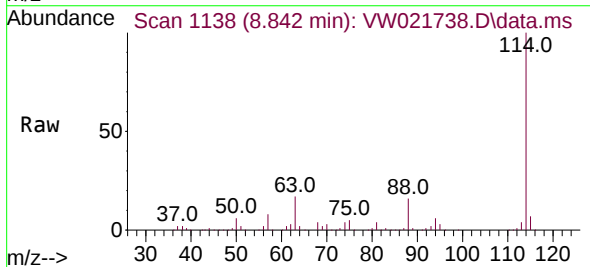
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4-(0-2)

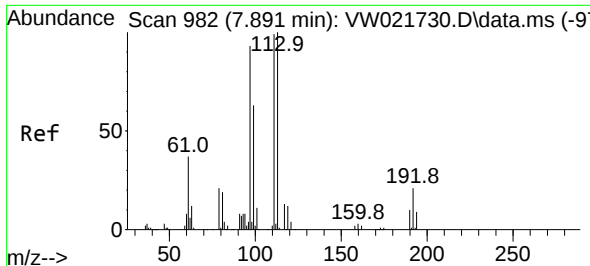
Tgt Ion: 65 Resp: 73055
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. 0.001 min
 Lab File: VW021738.D
 Acq: 05 Jan 2022 18:09

Tgt Ion: 114 Resp: 268415
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 37.2
 88 15.6 0.0 28.8

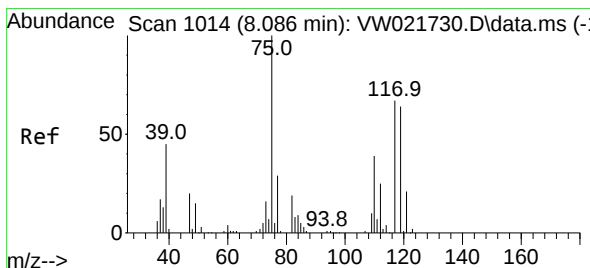
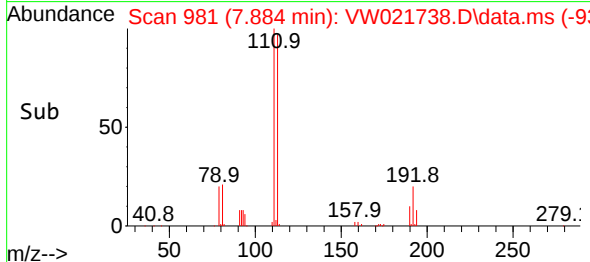
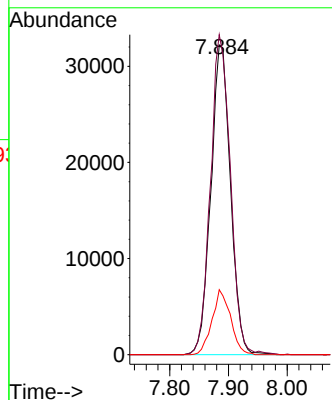
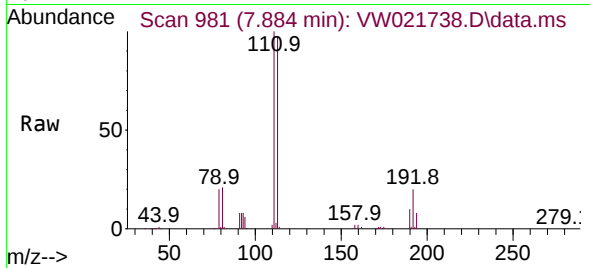




#35
Dibromofluoromethane
Concen: 44.863 ug/l
RT: 7.884 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW021738.D
Acq: 05 Jan 2022 18:09

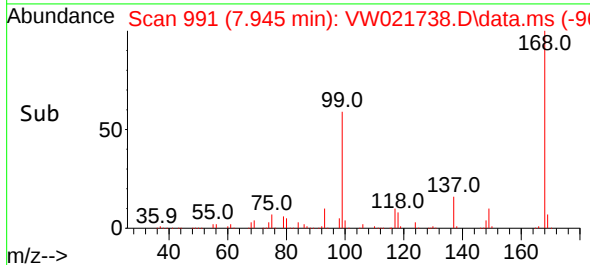
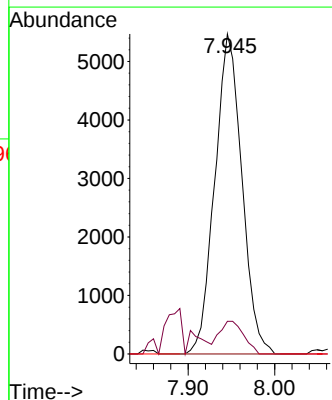
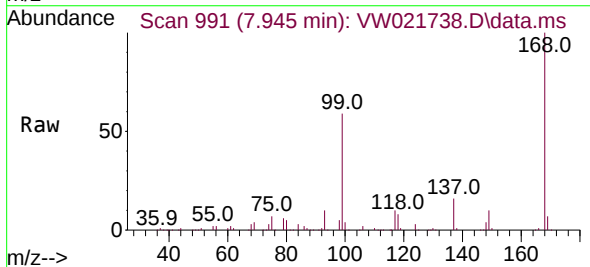
Instrument :
MSVOA_W
ClientSampleId :
SB-4-(0-2)

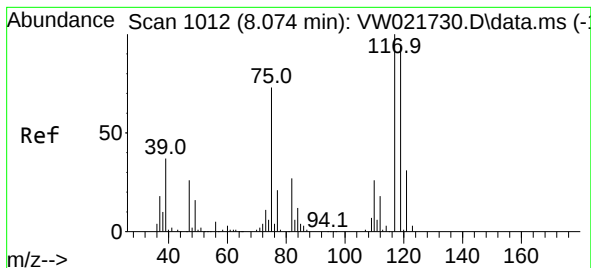
Tgt Ion:113 Resp: 74948
Ion Ratio Lower Upper
113 100
111 104.7 81.2 121.8
192 19.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.001 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW021738.D
Acq: 05 Jan 2022 18:09

Tgt Ion: 75 Resp: 11875
Ion Ratio Lower Upper
75 100
110 9.2 19.1 57.5#
77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.496 ug/l

RT: 7.951 min Scan# 992

Delta R.T. -0.116 min

Lab File: VW021738.D

Acq: 05 Jan 2022 18:09

Instrument :

MSVOA_W

ClientSampleId :

SB-4-(0-2)

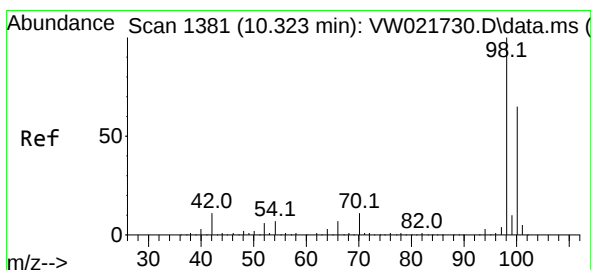
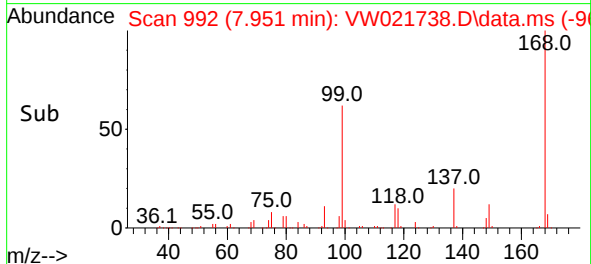
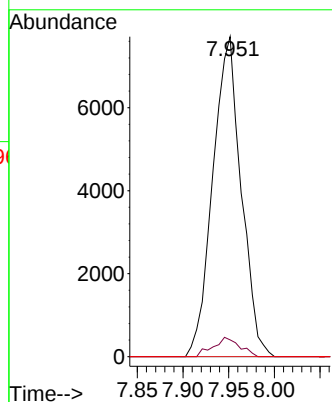
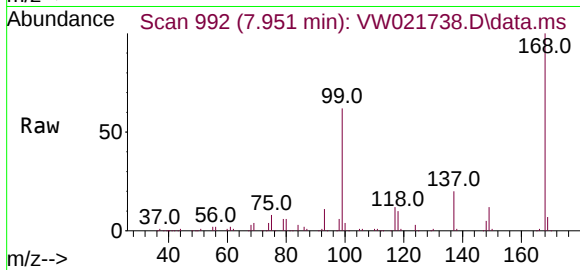
Tgt Ion:117 Resp: 16661

Ion Ratio Lower Upper

117 100

119 5.2 72.0 108.0#

121 0.0 22.6 33.8#



#50

Toluene-d8

Concen: 44.805 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VW021738.D

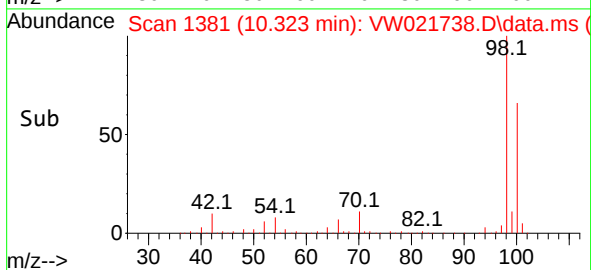
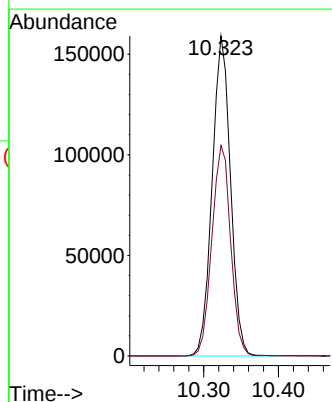
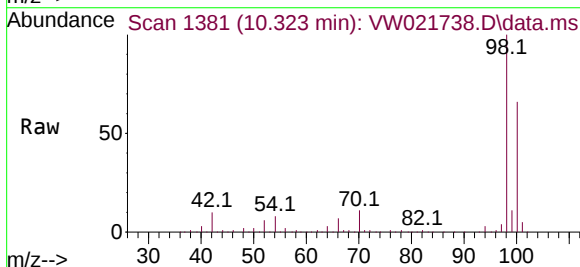
Acq: 05 Jan 2022 18:09

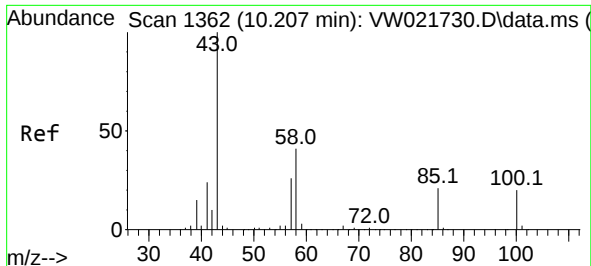
Tgt Ion: 98 Resp: 270907

Ion Ratio Lower Upper

98 100

100 67.3 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 1.054 ug/l

RT: 10.213 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW021738.D

Acq: 05 Jan 2022 18:09

Instrument :

MSVOA_W

ClientSampleId :

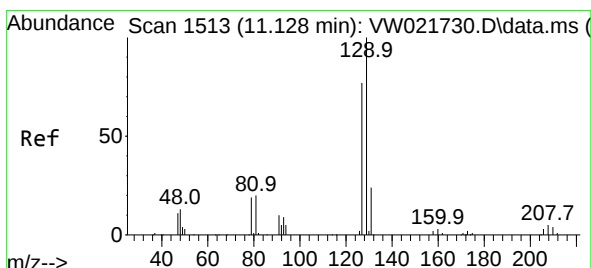
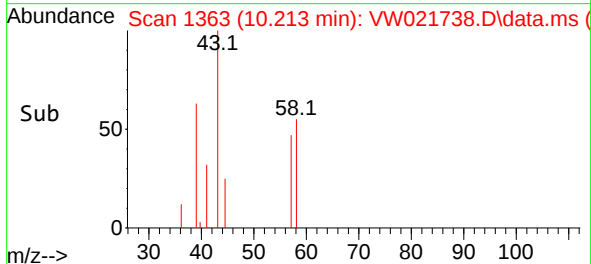
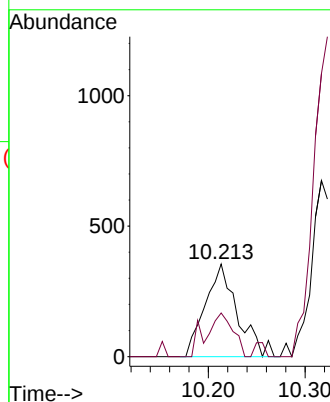
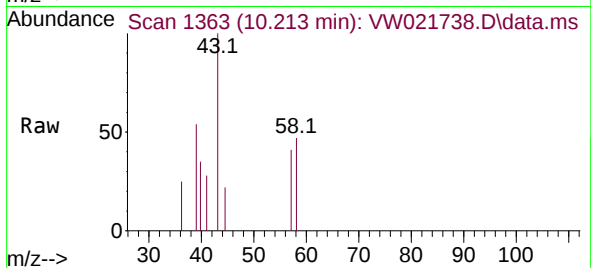
SB-4-(0-2)

Tgt Ion: 43 Resp: 819

Ion Ratio Lower Upper

43 100

58 39.9 30.9 46.3



#60

Dibromochloromethane

Concen: 2.275 ug/l

RT: 10.859 min Scan# 1469

Delta R.T. -0.269 min

Lab File: VW021738.D

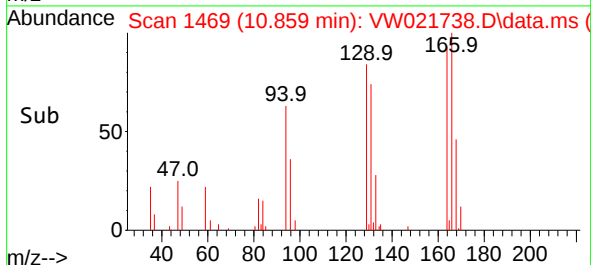
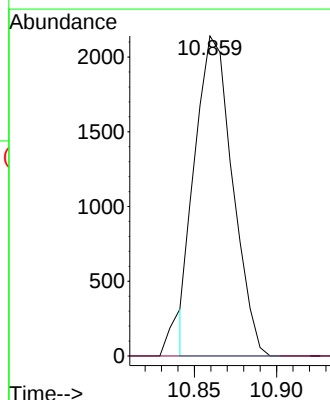
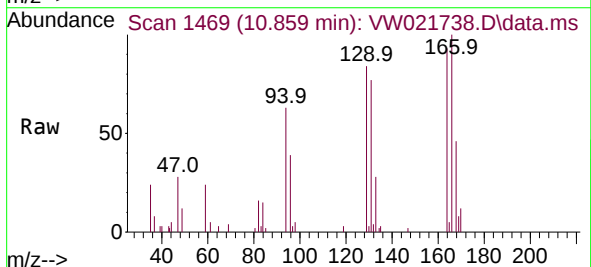
Acq: 05 Jan 2022 18:09

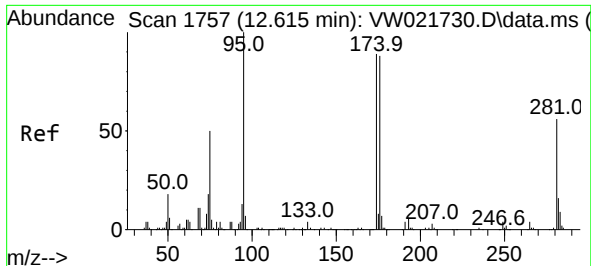
Tgt Ion: 129 Resp: 3406

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.1#

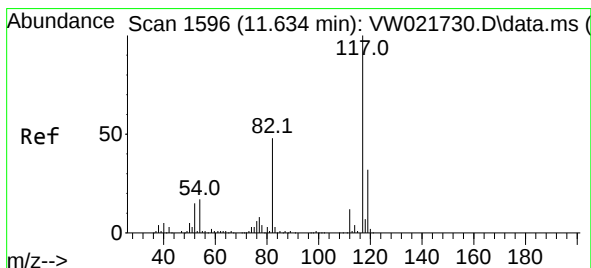
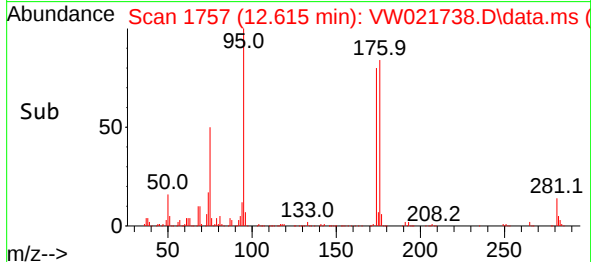
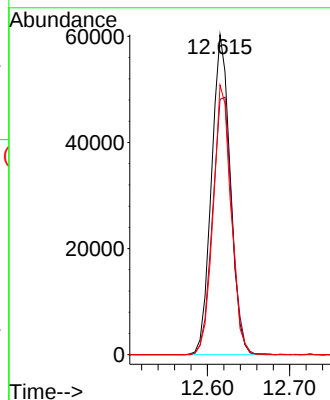
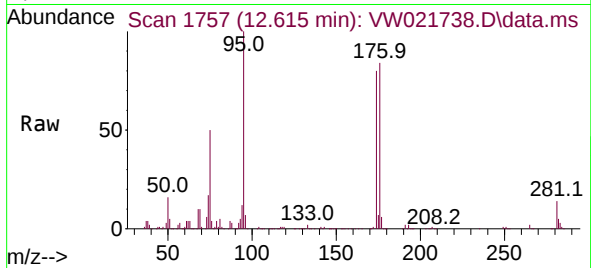




#62
4-Bromofluorobenzene
Concen: 42.728 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW021738.D
Acq: 05 Jan 2022 18:09

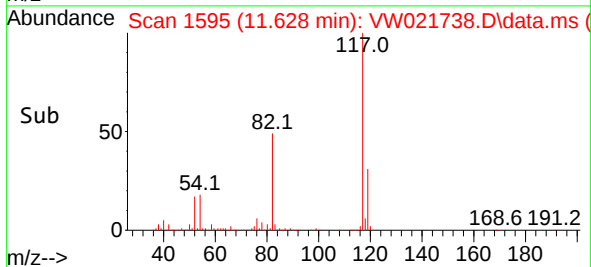
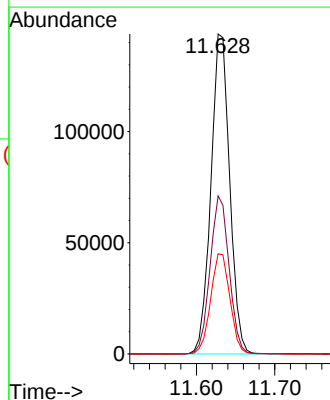
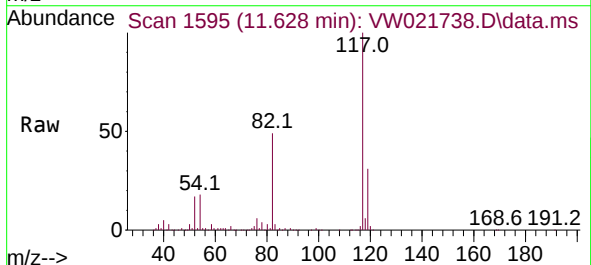
Instrument :
MSVOA_W
ClientSampleId :
SB-4-(0-2)

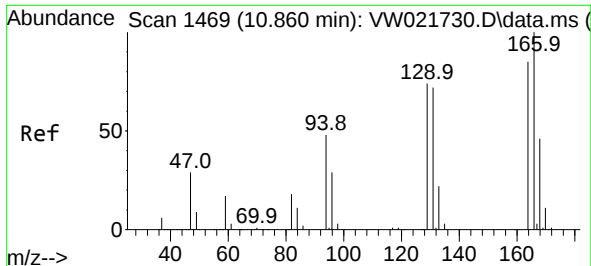
Tgt Ion: 95 Resp: 95896
Ion Ratio Lower Upper
95 100
174 83.0 0.0 171.2
176 80.5 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VW021738.D
Acq: 05 Jan 2022 18:09

Tgt Ion:117 Resp: 239477
Ion Ratio Lower Upper
117 100
82 49.4 41.4 62.2
119 31.3 27.2 40.8

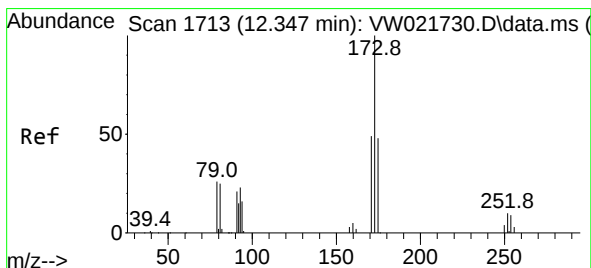
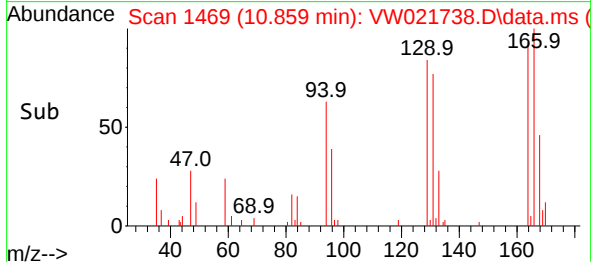
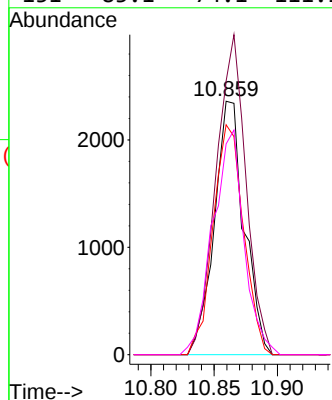
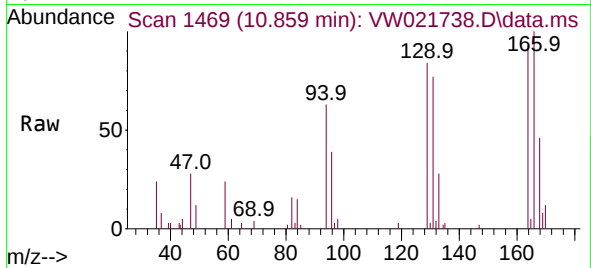




#64
Tetrachloroethene
Concen: 2.344 ug/l
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021738.D
Acq: 05 Jan 2022 18:09

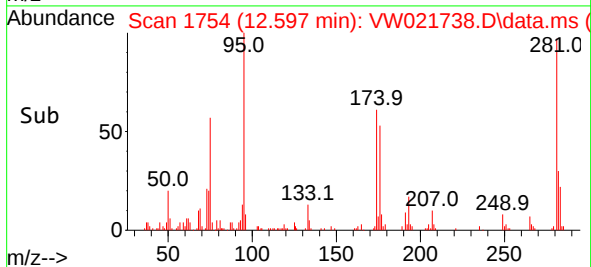
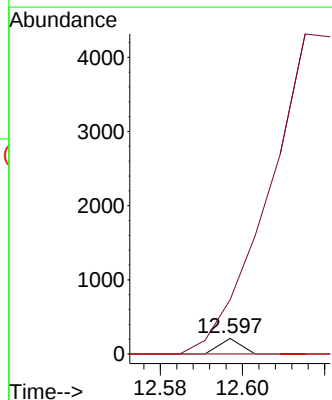
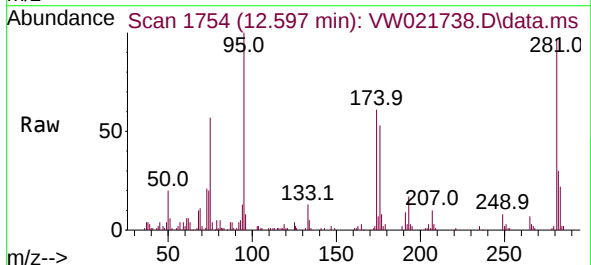
Instrument :
MSVOA_W
ClientSampleId :
SB-4-(0-2)

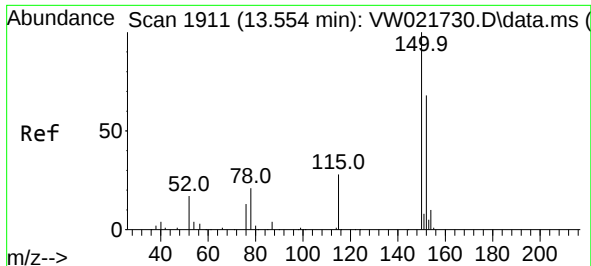
Tgt Ion:164 Resp: 3873
Ion Ratio Lower Upper
164 100
166 107.9 114.4 171.6#
129 90.7 68.3 102.5
131 83.1 74.1 111.1



#71
Bromoform
Concen: 4.378 ug/l
RT: 12.597 min Scan# 1754
Delta R.T. 0.250 min
Lab File: VW021738.D
Acq: 05 Jan 2022 18:09

Tgt Ion:173 Resp: 77
Ion Ratio Lower Upper
173 100
175 6550.6 25.1 75.3#
254 0.0 0.0 0.0

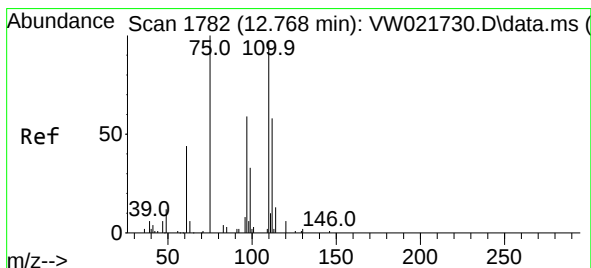
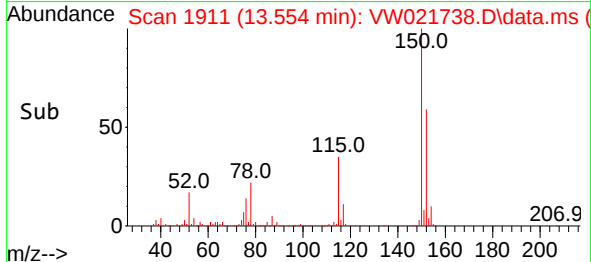
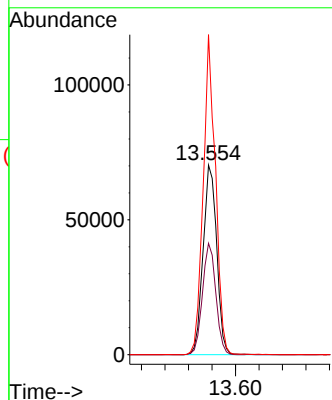
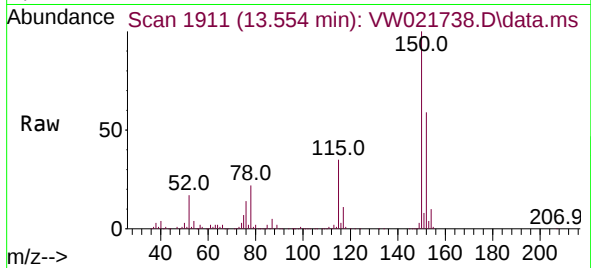




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VW021738.D
Acq: 05 Jan 2022 18:09

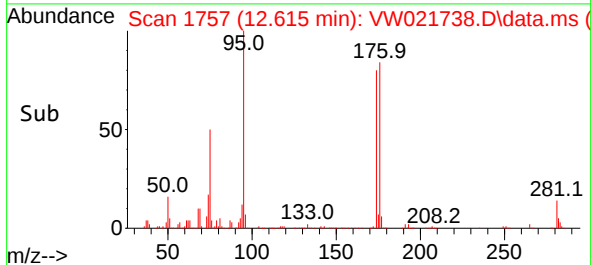
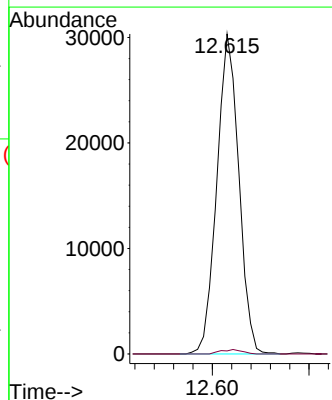
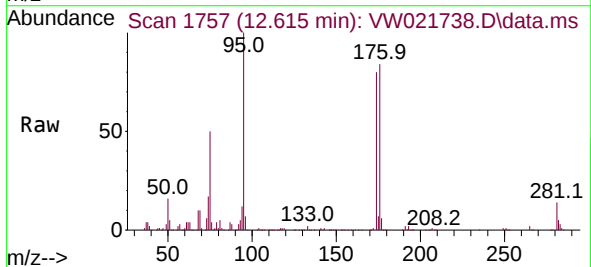
Instrument :
MSVOA_W
ClientSampleId :
SB-4-(0-2)

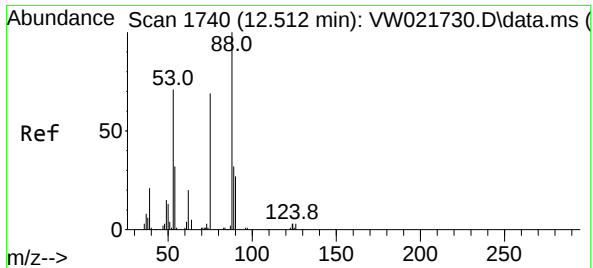
Tgt Ion:152 Resp: 113398
Ion Ratio Lower Upper
152 100
115 57.6 27.8 83.3
150 152.0 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 56.980 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW021738.D
Acq: 05 Jan 2022 18:09

Tgt Ion: 75 Resp: 47793
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 161.670 ug/l
 RT: 12.615 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VW021738.D
 Acq: 05 Jan 2022 18:09

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4-(0-2)

Tgt Ion:	75	Resp:	47793
Ion	Ratio	Lower	Upper
75	100		
53	0.1	81.8	122.8#
89	0.2	38.6	57.8#

