

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
 Data File : VW021739.D
 Acq On : 05 Jan 2022 18:33
 Operator : SY/VA
 Sample : M5342-03
 Misc : 5.68g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6-(0-2)

Quant Time: Jan 06 05:53:26 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)

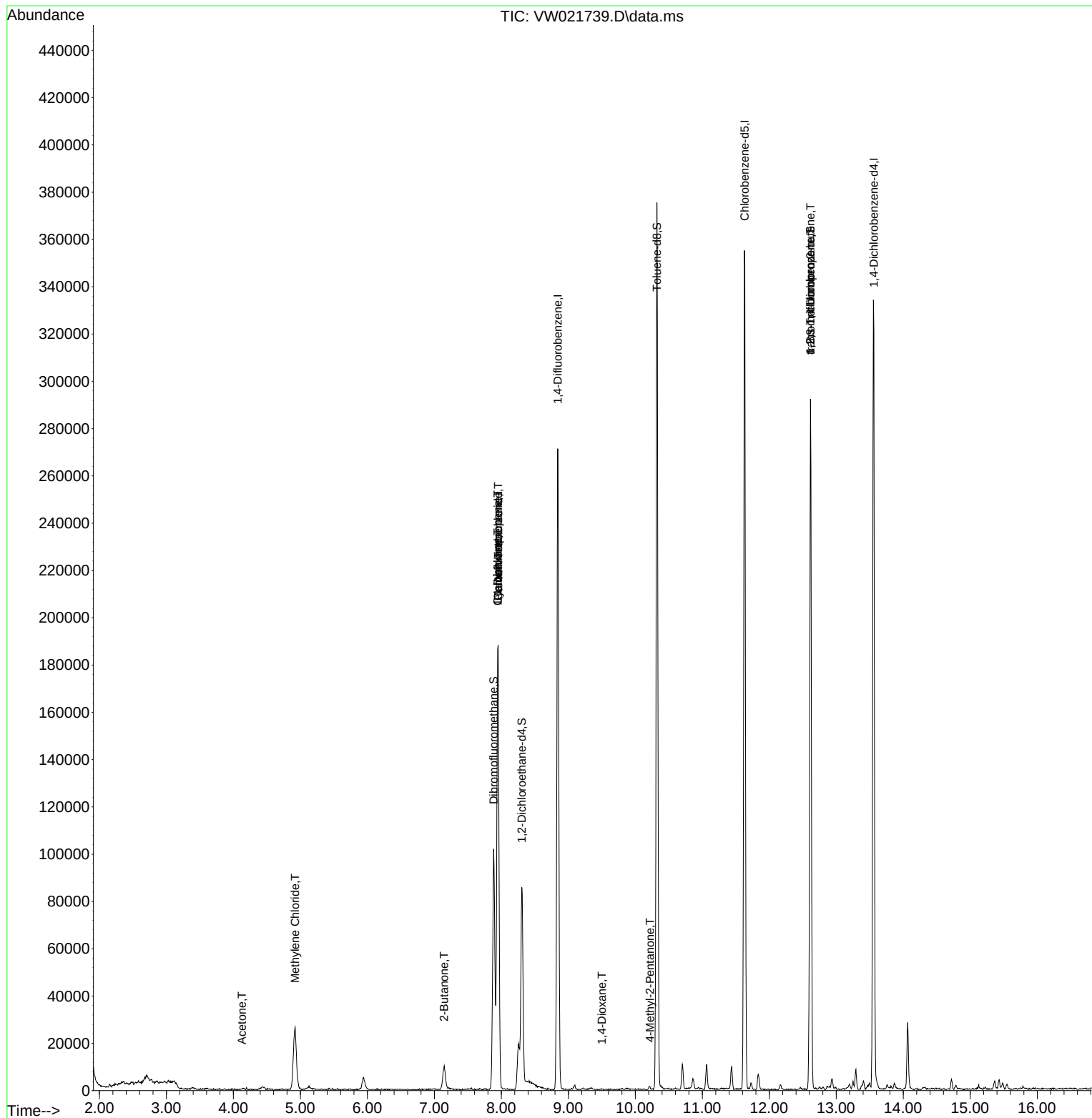
Internal Standards						
1) Pentafluorobenzene	7.952	168	146130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	236094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	213177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	95133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	67205	52.181	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.360%			
35) Dibromofluoromethane	7.884	113	69201	47.094	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.180%			
50) Toluene-d8	10.323	98	248840	46.790	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.580%			
62) 4-Bromofluorobenzene	12.615	95	85859	43.493	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.980%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.178	59	54	Below Cal	#	84
13) Acrolein	3.830	56	46	Below Cal	#	11
16) Acetone	4.129	43	271	1.114	ug/l #	5
20) Methylene Chloride	4.922	84	21686	3.887	ug/l #	85
25) 2-Butanone	7.147	43	827	2.649	ug/l #	49
31) Cyclohexane	7.945	56	3120	1.393	ug/l #	24
36) 1,1-Dichloropropene	7.945	75	10324	4.943	ug/l #	51
38) Carbon Tetrachloride	7.952	117	14768	6.546	ug/l #	19
49) 1,4-Dioxane	9.500	88	24	2.486	ug/l #	11
51) 4-Methyl-2-Pentanone	10.219	43	985	1.441	ug/l #	87
76) 1,2,3-Trichloropropane	12.615	75	42132	59.875	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	42132	169.884	ug/l #	9

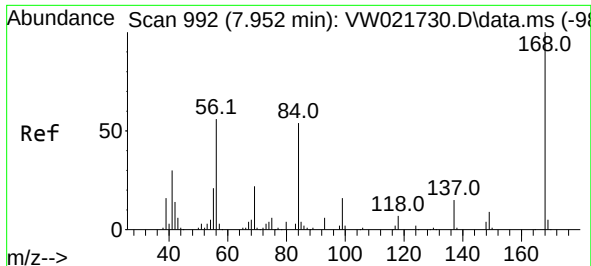
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
Data File : VW021739.D
Acq On : 05 Jan 2022 18:33
Operator : SY/VA
Sample : M5342-03
Misc : 5.68g/5.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-6-(0-2)

Quant Time: Jan 06 05:53:26 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

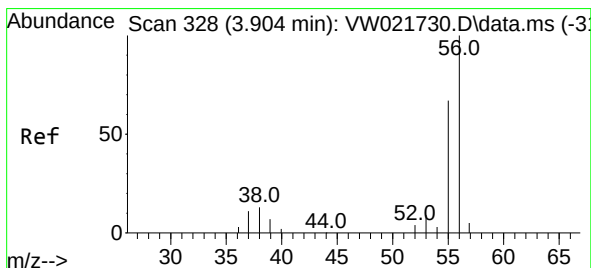
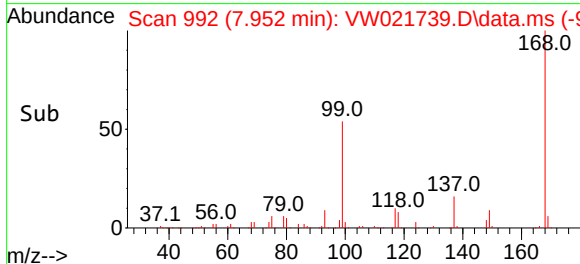
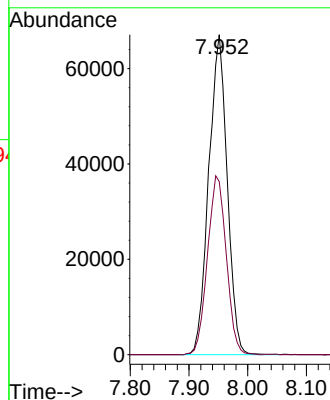
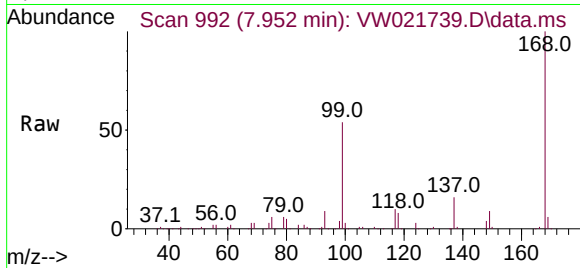




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.007 min
Lab File: VW021739.D
Acq: 05 Jan 2022 18:33

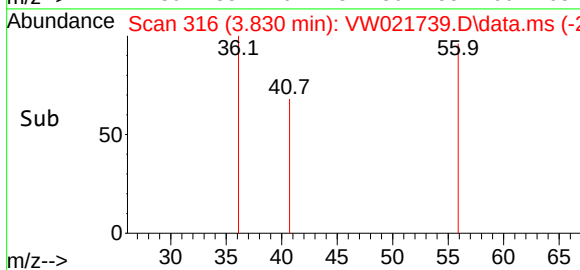
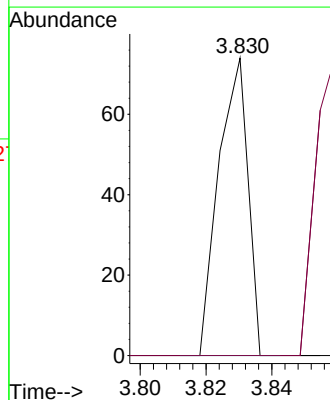
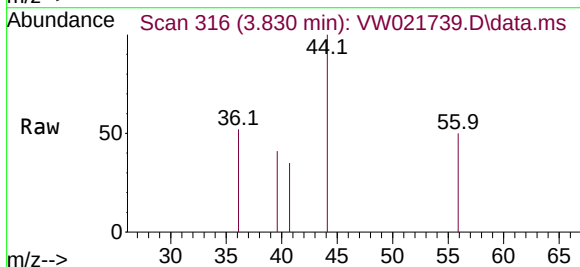
Instrument :
MSVOA_W
ClientSampleId :
SB-6-(0-2)

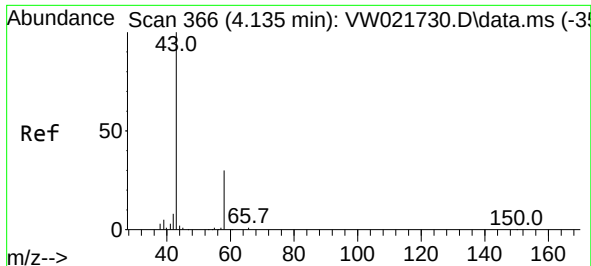
Tgt Ion:168 Resp: 146130
Ion Ratio Lower Upper
168 100
99 54.1 41.6 62.4



#13
Acrolein
Concen: Below Cal
RT: 3.830 min Scan# 316
Delta R.T. -0.061 min
Lab File: VW021739.D
Acq: 05 Jan 2022 18:33

Tgt Ion: 56 Resp: 46
Ion Ratio Lower Upper
56 100
55 0.0 61.2 91.8#





#16

Acetone

Concen: 1.114 ug/l

RT: 4.129 min Scan# 366

Delta R.T. 0.006 min

Lab File: VW021739.D

Acq: 05 Jan 2022 18:33

Instrument :

MSVOA_W

ClientSampleId :

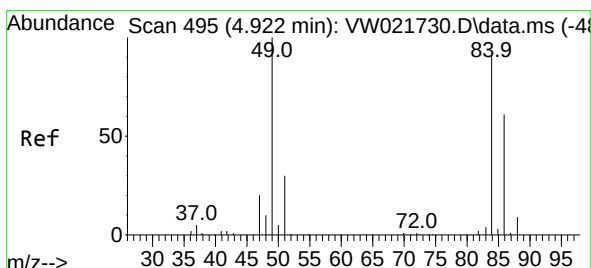
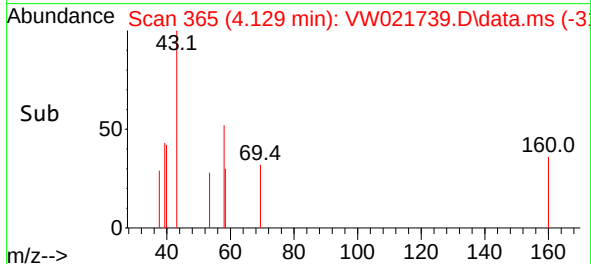
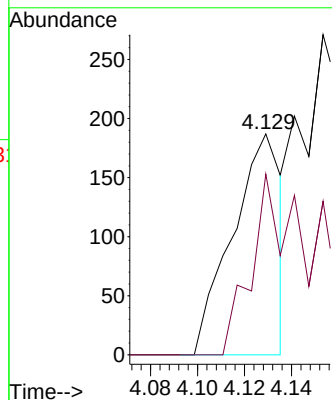
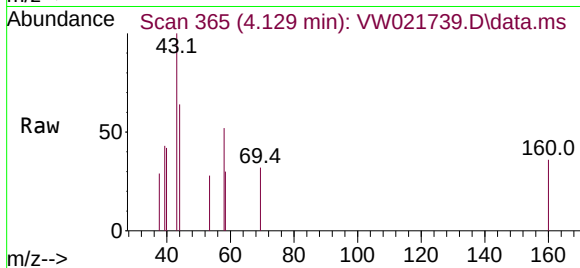
SB-6-(0-2)

Tgt Ion: 43 Resp: 271

Ion Ratio Lower Upper

43 100

58 81.8 24.2 36.2#



#20

Methylene Chloride

Concen: 3.887 ug/l

RT: 4.922 min Scan# 495

Delta R.T. 0.013 min

Lab File: VW021739.D

Acq: 05 Jan 2022 18:33

Tgt Ion: 84 Resp: 21686

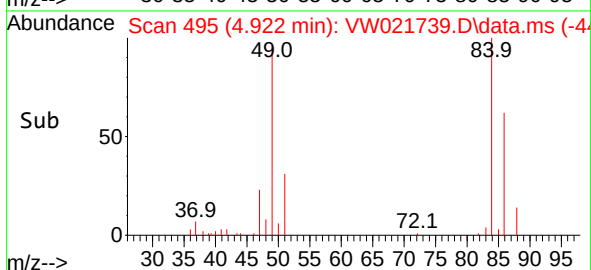
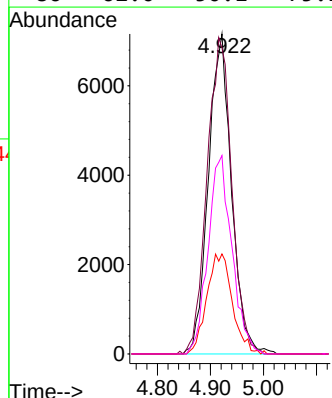
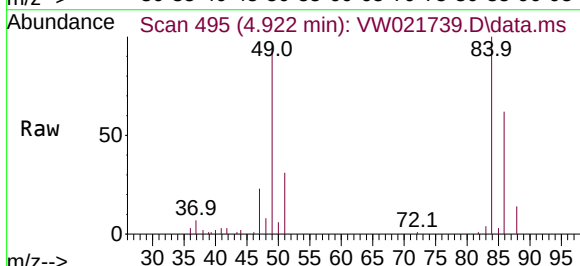
Ion Ratio Lower Upper

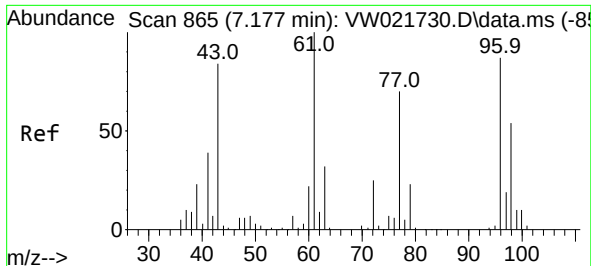
84 100

49 95.6 99.1 148.7#

51 31.2 28.8 43.2

86 62.0 50.1 75.1

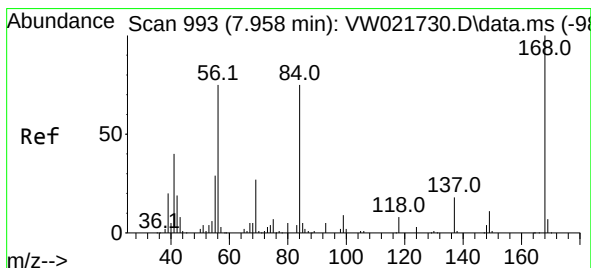
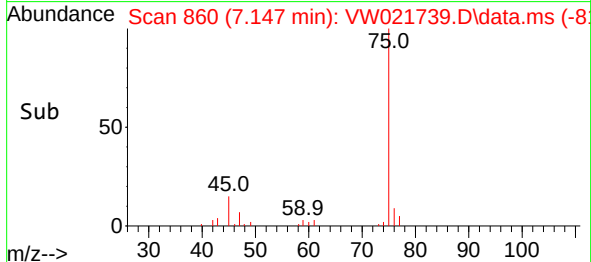
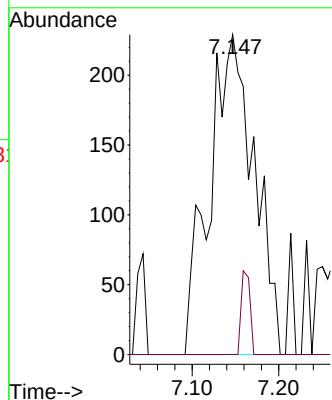
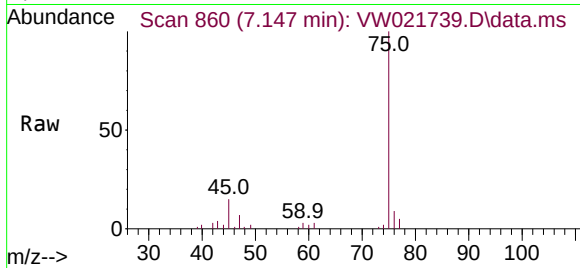




#25
2-Butanone
Concen: 2.649 ug/l
RT: 7.147 min Scan# 80
Delta R.T. -0.024 min
Lab File: VW021739.D
Acq: 05 Jan 2022 18:33

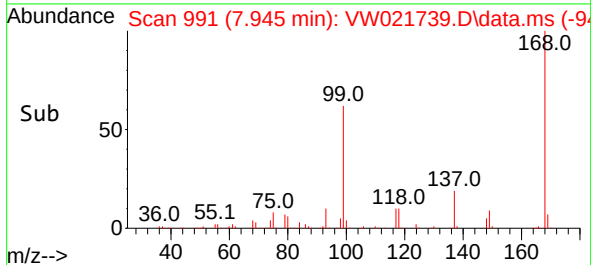
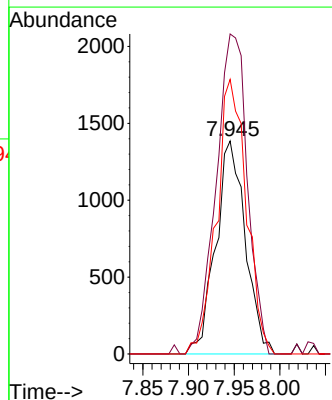
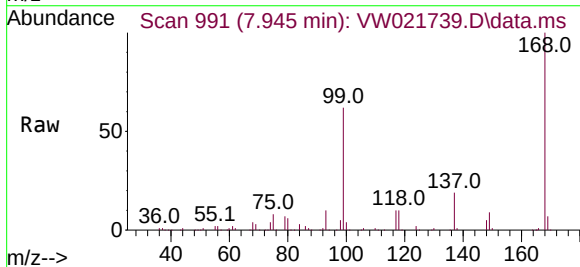
Instrument :
MSVOA_W
ClientSampleId :
SB-6-(0-2)

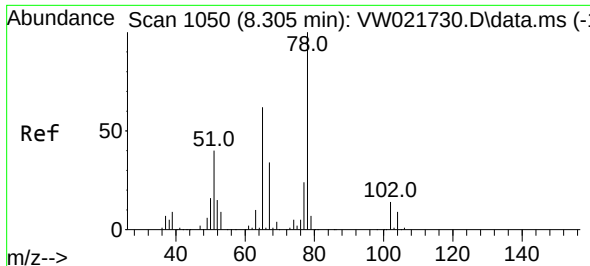
Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
72 0.0 20.7 31.1#



#31
Cyclohexane
Concen: 1.393 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW021739.D
Acq: 05 Jan 2022 18:33

Tgt Ion: 56 Resp: 3120
Ion Ratio Lower Upper
56 100
69 150.3 28.7 43.1#
84 129.0 77.6 116.4#

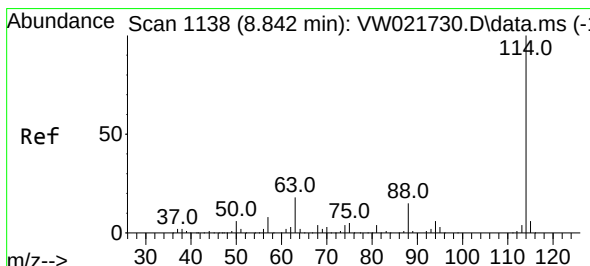
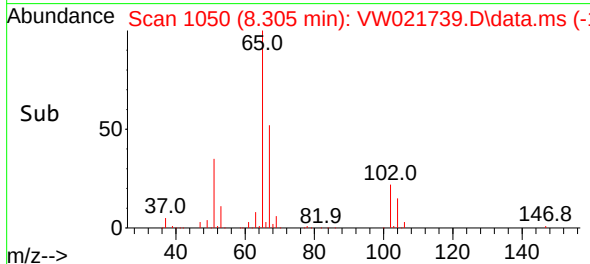
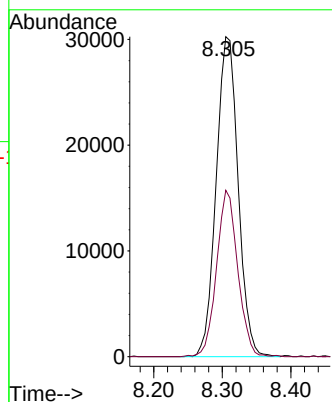
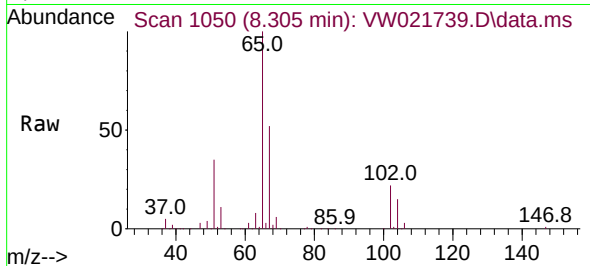




#33
 1,2-Dichloroethane-d4
 Concen: 52.181 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VW021739.D
 Acq: 05 Jan 2022 18:33

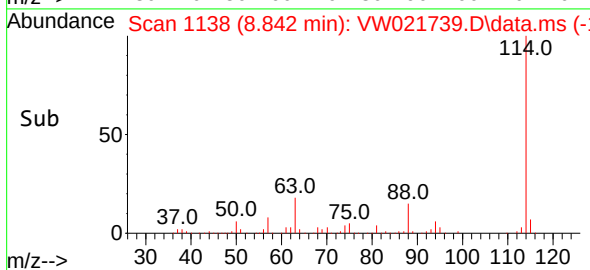
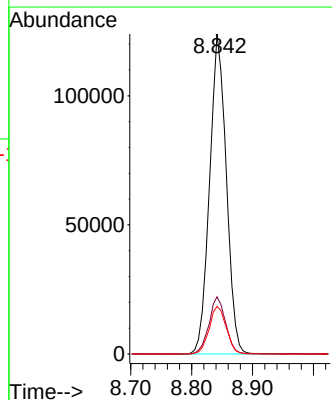
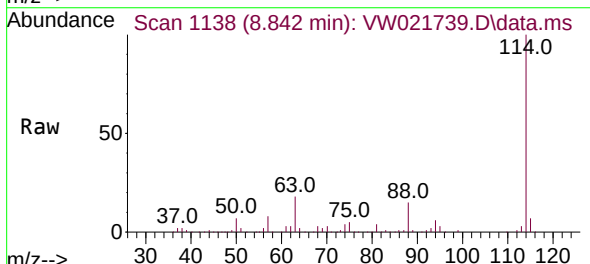
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6-(0-2)

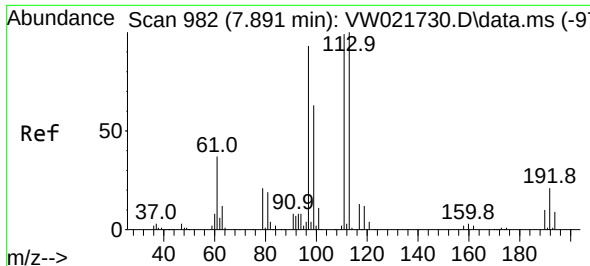
Tgt Ion: 65 Resp: 67205
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. 0.001 min
 Lab File: VW021739.D
 Acq: 05 Jan 2022 18:33

Tgt Ion: 114 Resp: 236094
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 37.2
 88 14.8 0.0 28.8

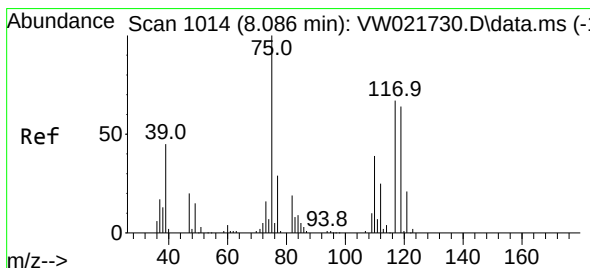
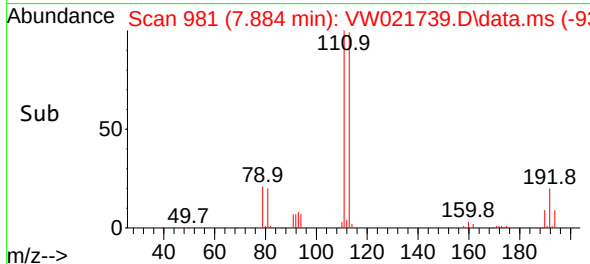
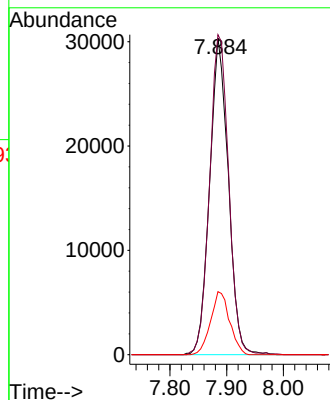
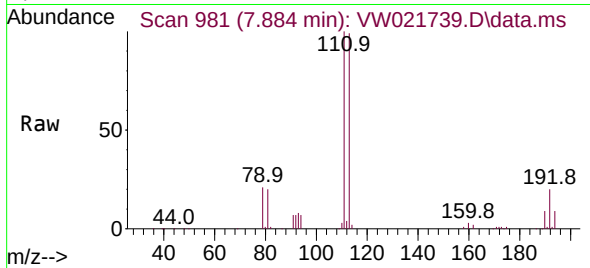




#35
Dibromofluoromethane
Concen: 47.094 ug/l
RT: 7.884 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW021739.D
Acq: 05 Jan 2022 18:33

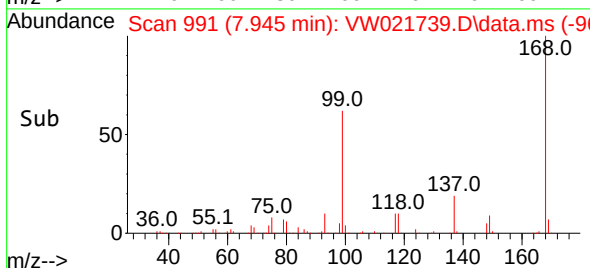
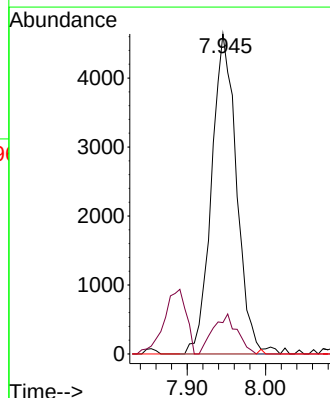
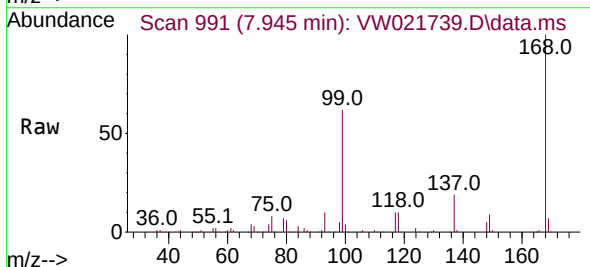
Instrument :
MSVOA_W
ClientSampleId :
SB-6-(0-2)

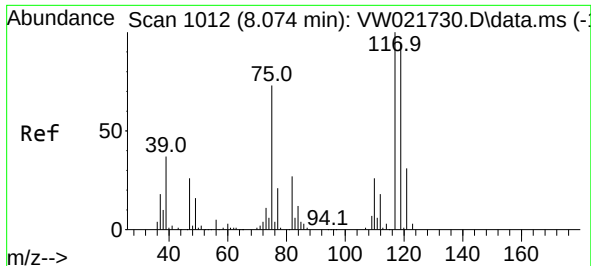
Tgt Ion:113 Resp: 69201
Ion Ratio Lower Upper
113 100
111 103.7 81.2 121.8
192 20.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.943 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW021739.D
Acq: 05 Jan 2022 18:33

Tgt Ion: 75 Resp: 10324
Ion Ratio Lower Upper
75 100
110 11.9 19.1 57.5#
77 0.0 24.8 37.2#

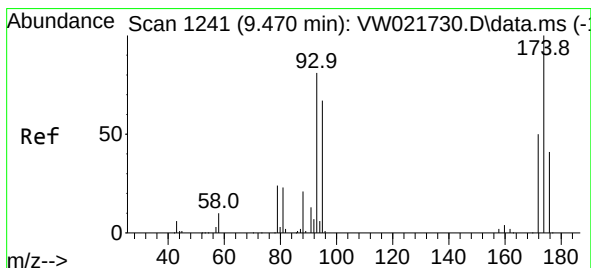
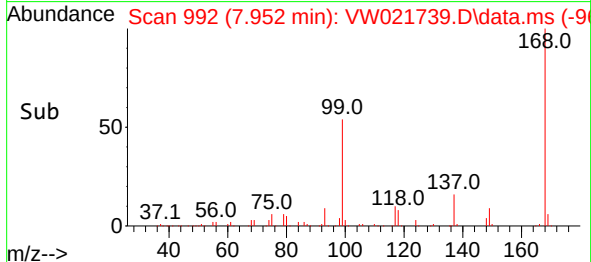
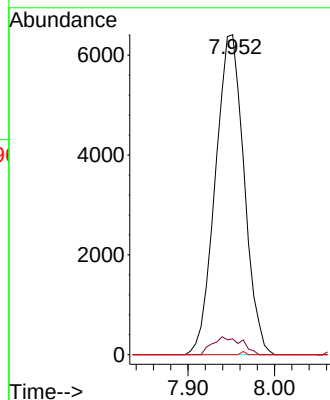
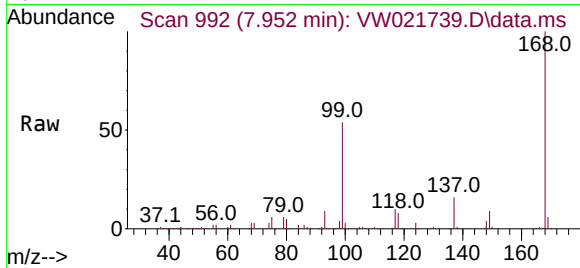




#38
Carbon Tetrachloride
Concen: 6.546 ug/l
RT: 7.952 min Scan# 91
Delta R.T. -0.115 min
Lab File: VW021739.D
Acq: 05 Jan 2022 18:33

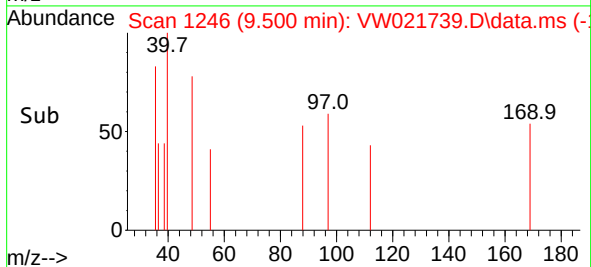
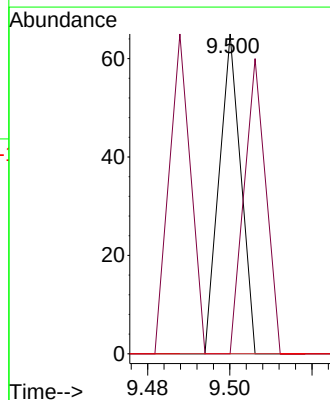
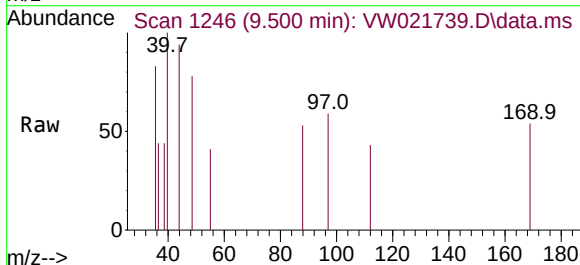
Instrument :
MSVOA_W
ClientSampleId :
SB-6-(0-2)

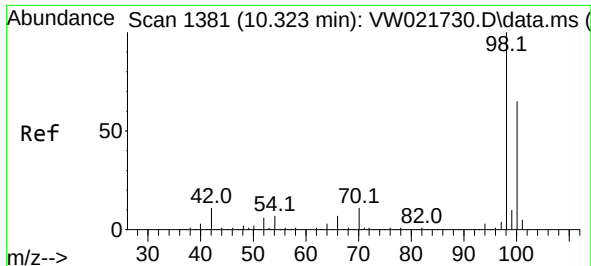
Tgt Ion:117 Resp: 14768
Ion Ratio Lower Upper
117 100
119 4.9 72.0 108.0#
121 0.0 22.6 33.8#



#49
1,4-Dioxane
Concen: 2.486 ug/l
RT: 9.500 min Scan# 1246
Delta R.T. 0.049 min
Lab File: VW021739.D
Acq: 05 Jan 2022 18:33

Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 91.7 26.6 39.8#
58 0.0 51.8 77.8#

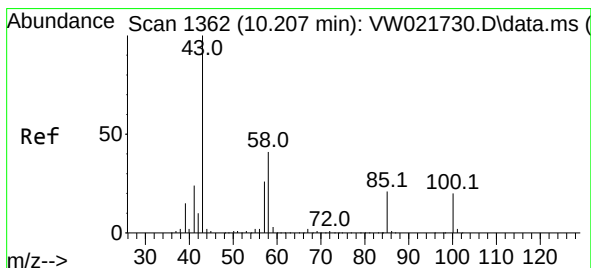
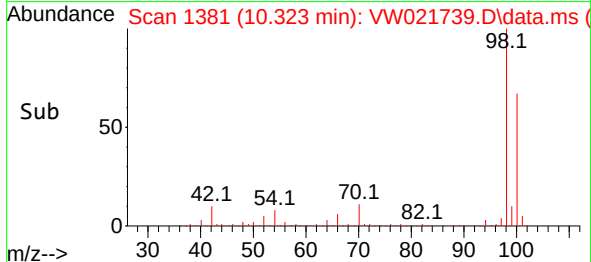
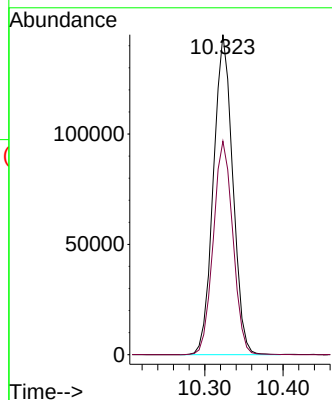
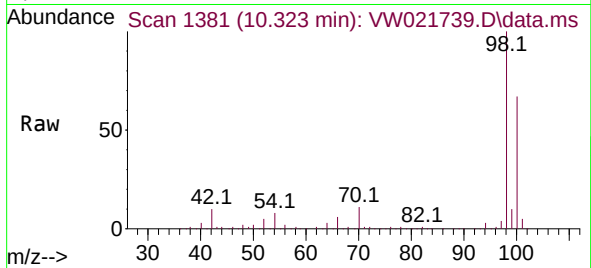




#50
Toluene-d8
Concen: 46.790 ug/l
RT: 10.323 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021739.D
Acq: 05 Jan 2022 18:33

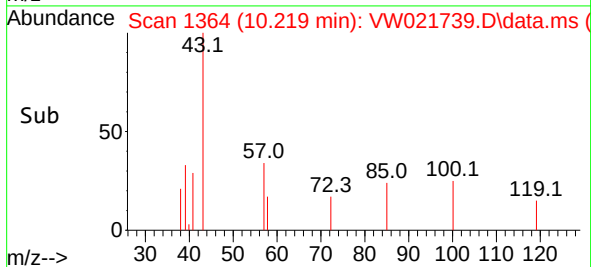
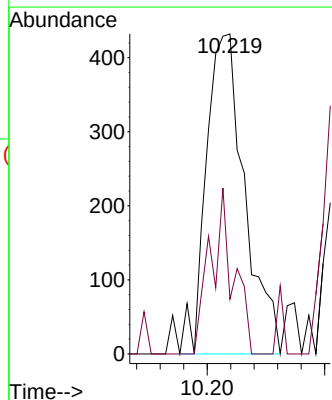
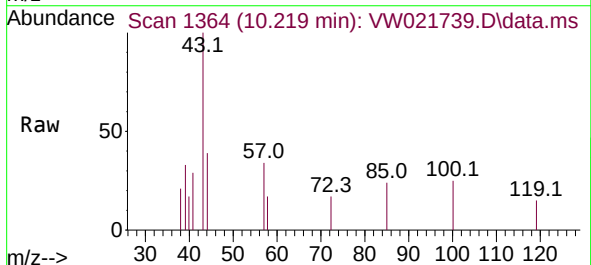
Instrument :
MSVOA_W
ClientSampleId :
SB-6-(0-2)

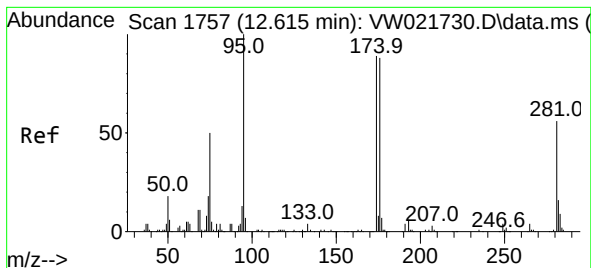
Tgt Ion: 98 Resp: 248840
Ion Ratio Lower Upper
98 100
100 67.5 52.6 79.0



#51
4-Methyl-2-Pentanone
Concen: 1.441 ug/l
RT: 10.219 min Scan# 1364
Delta R.T. 0.012 min
Lab File: VW021739.D
Acq: 05 Jan 2022 18:33

Tgt Ion: 43 Resp: 985
Ion Ratio Lower Upper
43 100
58 30.9 30.9 46.3#

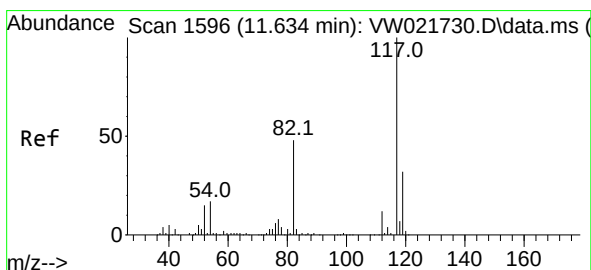
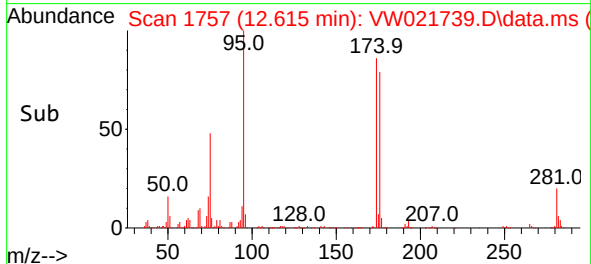
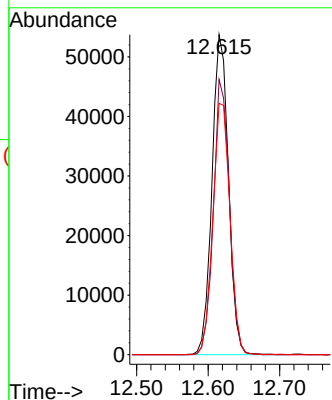
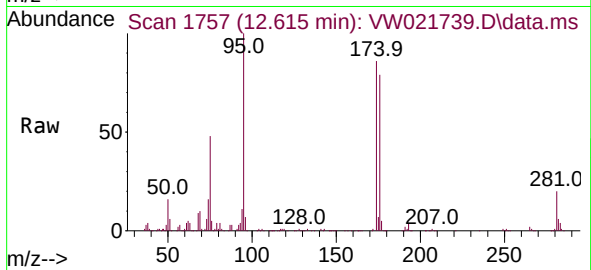




#62
4-Bromofluorobenzene
Concen: 43.493 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW021739.D
Acq: 05 Jan 2022 18:33

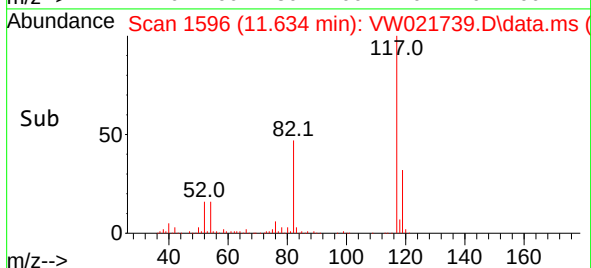
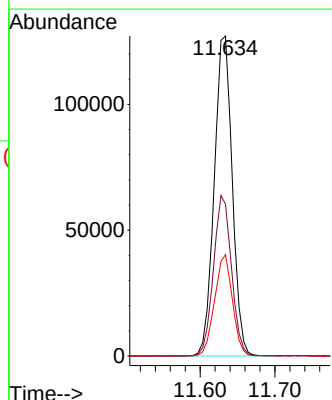
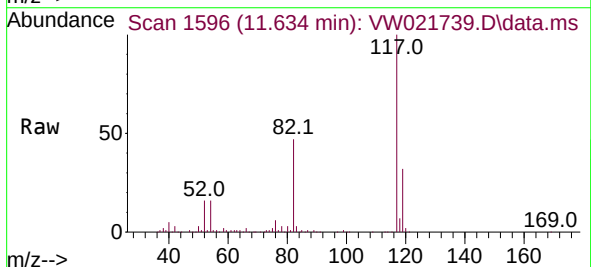
Instrument :
MSVOA_W
ClientSampleId :
SB-6-(0-2)

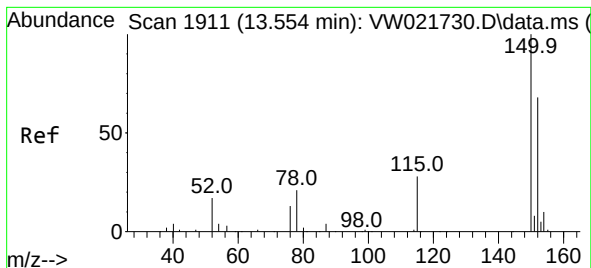
Tgt Ion: 95 Resp: 85859
Ion Ratio Lower Upper
95 100
174 83.2 0.0 171.2
176 81.9 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VW021739.D
Acq: 05 Jan 2022 18:33

Tgt Ion: 117 Resp: 213177
Ion Ratio Lower Upper
117 100
82 47.4 41.4 62.2
119 31.7 27.2 40.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.560 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VW021739.D

Acq: 05 Jan 2022 18:33

Instrument :

MSVOA_W

ClientSampleId :

SB-6-(0-2)

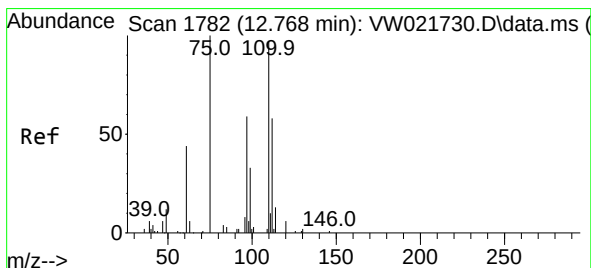
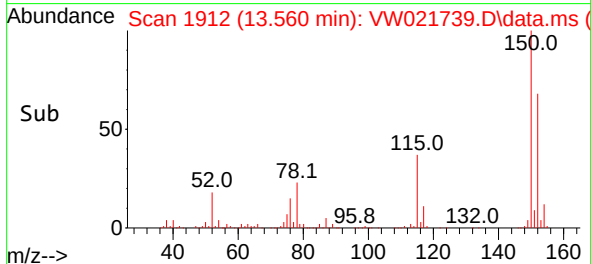
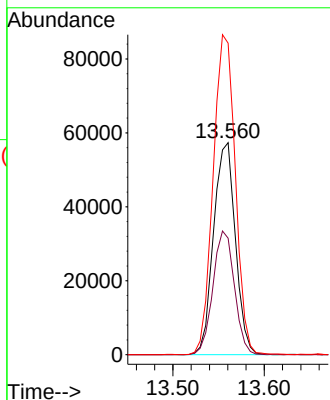
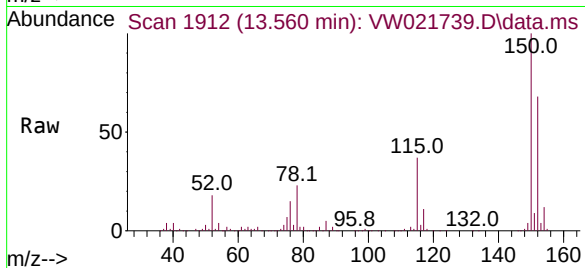
Tgt Ion:152 Resp: 95133

Ion Ratio Lower Upper

152 100

115 57.5 27.8 83.3

150 153.5 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 59.875 ug/l

RT: 12.615 min Scan# 1757

Delta R.T. -0.153 min

Lab File: VW021739.D

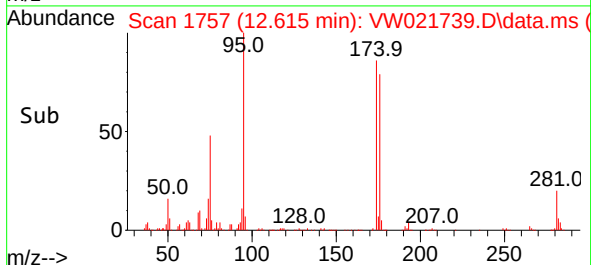
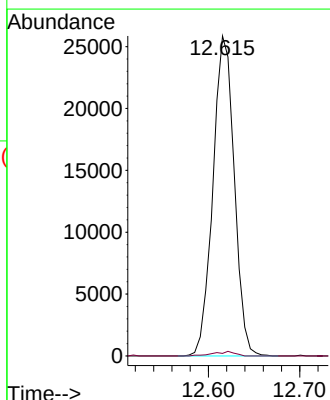
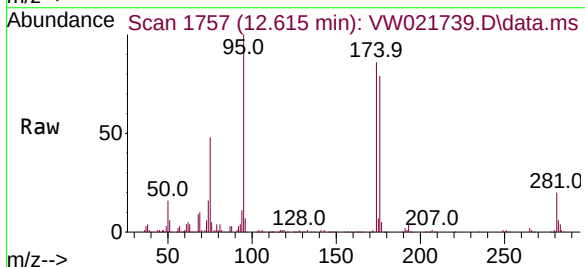
Acq: 05 Jan 2022 18:33

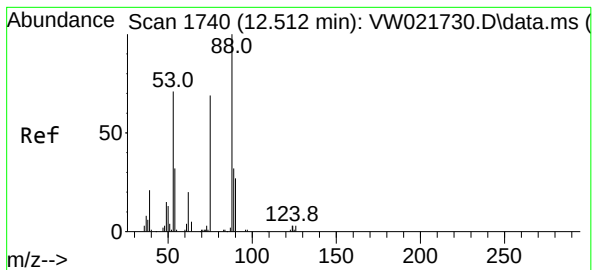
Tgt Ion: 75 Resp: 42132

Ion Ratio Lower Upper

75 100

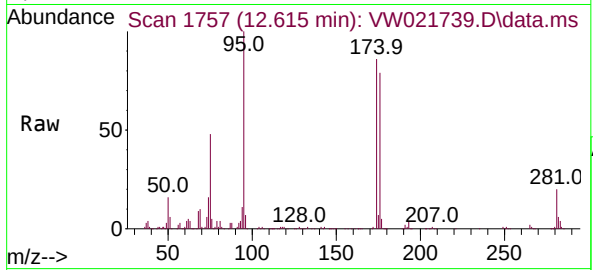
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 169.884 ug/l
 RT: 12.615 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VW021739.D
 Acq: 05 Jan 2022 18:33

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6-(0-2)



Tgt Ion:	75	Resp:	42132
Ion	Ratio	Lower	Upper
75	100		
53	0.1	81.8	122.8#
89	0.4	38.6	57.8#

