

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
 Data File : VW021742.D
 Acq On : 05 Jan 2022 19:45
 Operator : SY/VA
 Sample : M5342-06
 Misc : 5.95g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-8-(10-15)

Quant Time: Jan 06 05:54:23 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)

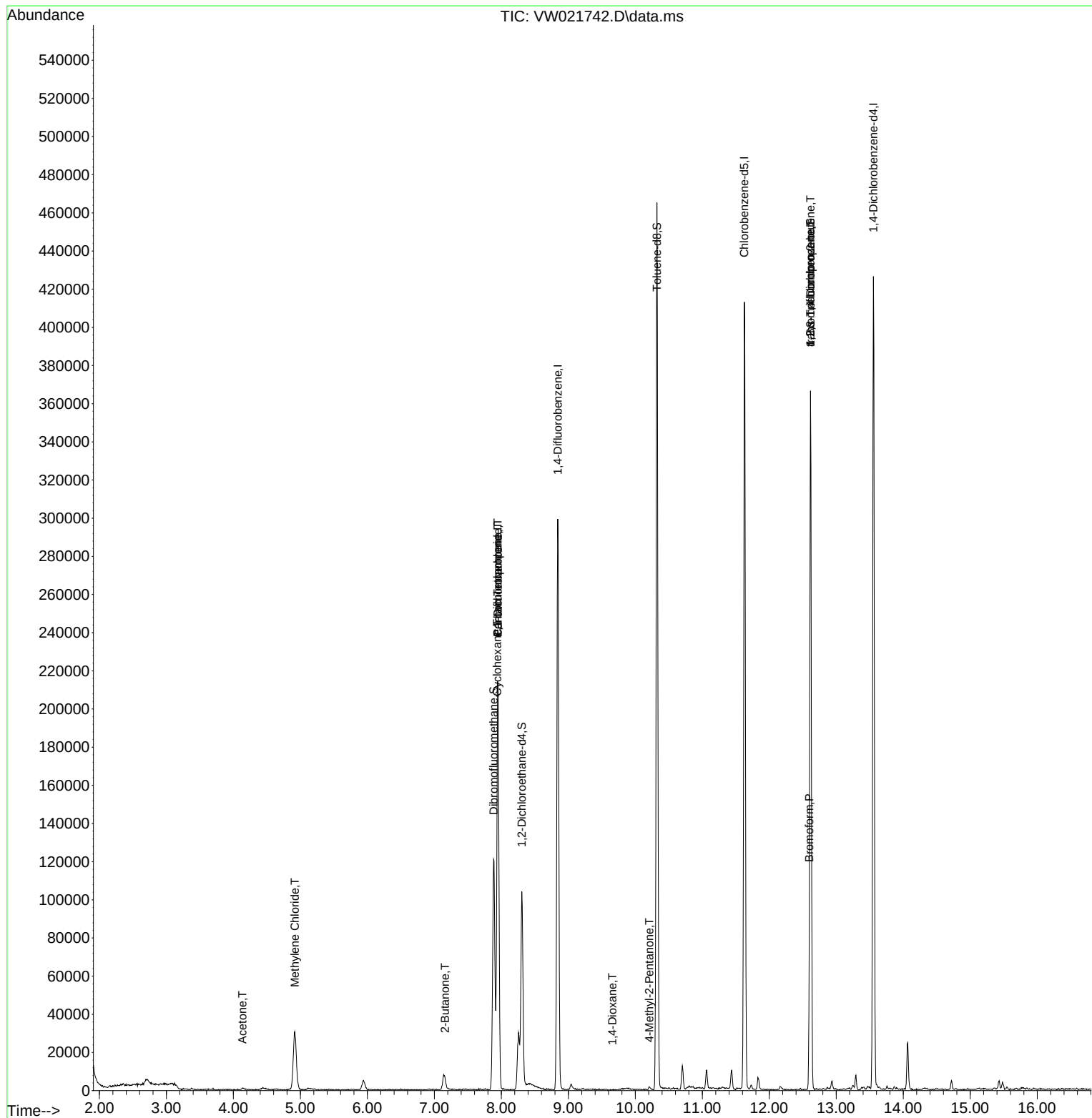
Internal Standards						
1) Pentafluorobenzene	7.945	168	167315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	268808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	245902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	117739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	80602	54.659	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.320%	
35) Dibromofluoromethane	7.885	113	85926	51.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.720%	
50) Toluene-d8	10.323	98	307504	50.784	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.560%	
62) 4-Bromofluorobenzene	12.615	95	110038	48.958	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.172	59	152	Below Cal	#	1
13) Acrolein	3.928	56	20	Below Cal	#	1
16) Acetone	4.135	43	2004	7.197	ug/l #	79
20) Methylene Chloride	4.916	84	25441	4.317	ug/l	87
25) 2-Butanone	7.159	43	473	1.323	ug/l #	49
31) Cyclohexane	7.939	56	3179	1.239	ug/l #	46
36) 1,1-Dichloropropene	7.945	75	11446	4.814	ug/l #	50
38) Carbon Tetrachloride	7.945	117	16063	6.254	ug/l #	18
49) 1,4-Dioxane	9.659	88	18	1.638	ug/l #	1
51) 4-Methyl-2-Pentanone	10.207	43	938	1.206	ug/l #	87
71) Bromoform	12.597	173	48	4.348	ug/l #	1
76) 1,2,3-Trichloropropane	12.615	75	55055	63.218	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	55055	179.369	ug/l #	9

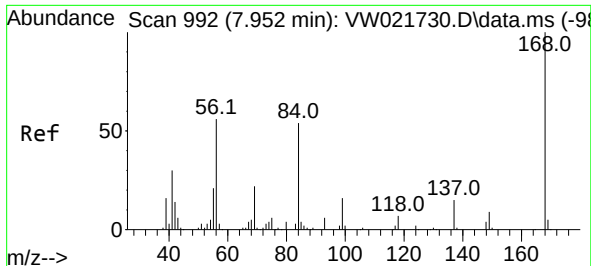
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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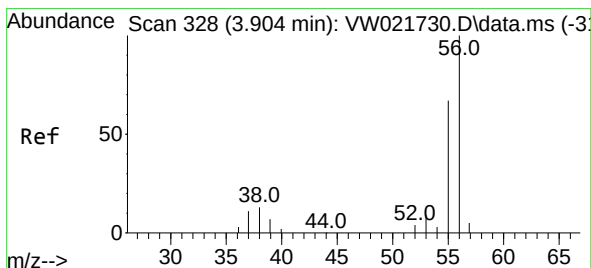
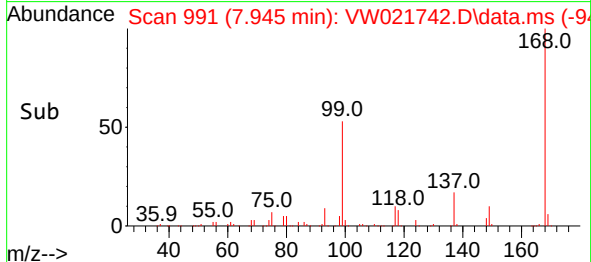
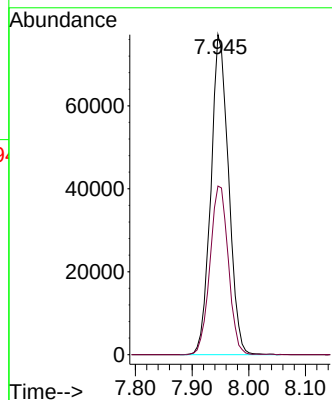
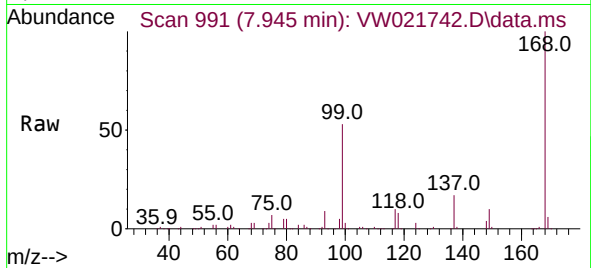




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW021742.D
Acq: 05 Jan 2022 19:45

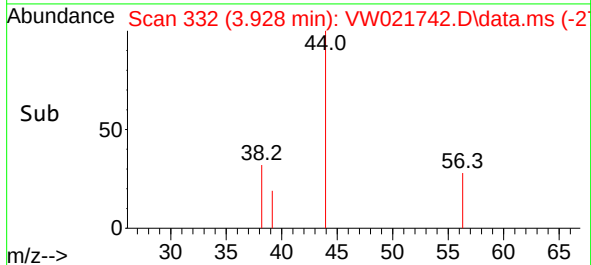
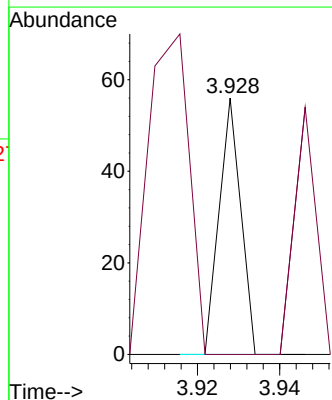
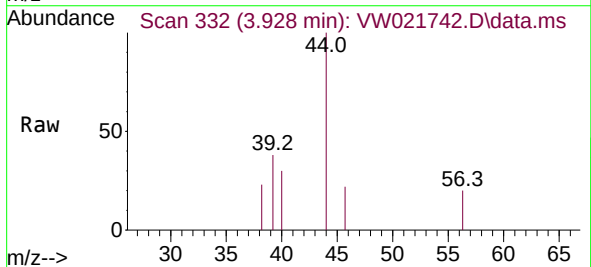
Instrument :
MSVOA_W
ClientSampleId :
SB-8-(10-15)

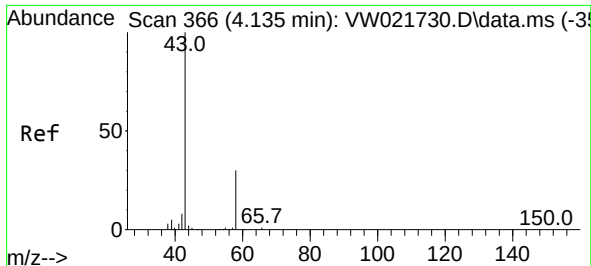
Tgt Ion:168 Resp: 167315
Ion Ratio Lower Upper
168 100
99 52.7 41.6 62.4



#13
Acrolein
Concen: Below Cal
RT: 3.928 min Scan# 332
Delta R.T. 0.037 min
Lab File: VW021742.D
Acq: 05 Jan 2022 19:45

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 245.0 61.2 91.8#

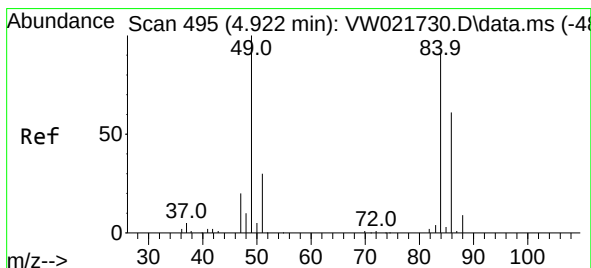
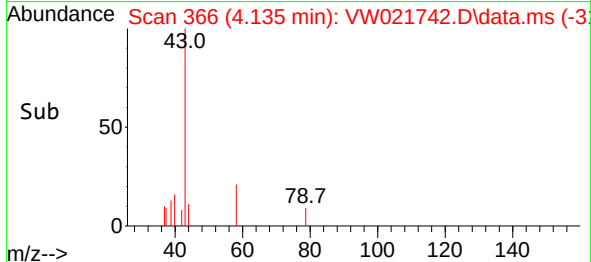
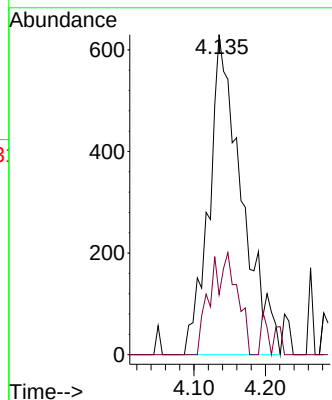
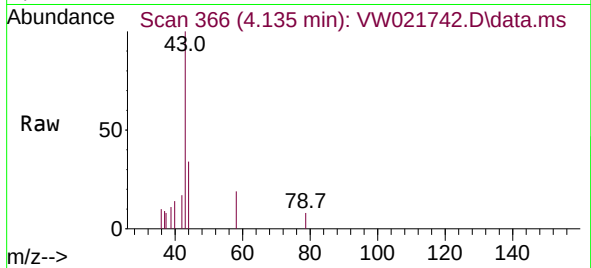




#16
Acetone
Concen: 7.197 ug/l
RT: 4.135 min Scan# 30
Delta R.T. 0.012 min
Lab File: VW021742.D
Acq: 05 Jan 2022 19:45

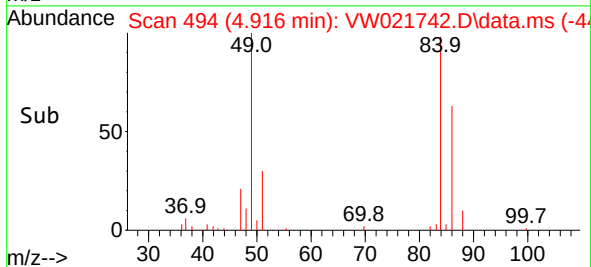
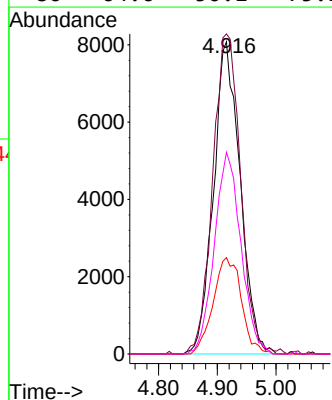
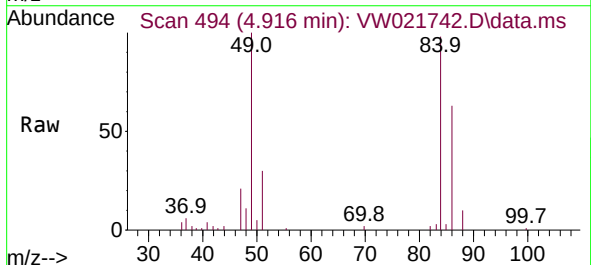
Instrument :
MSVOA_W
ClientSampleId :
SB-8-(10-15)

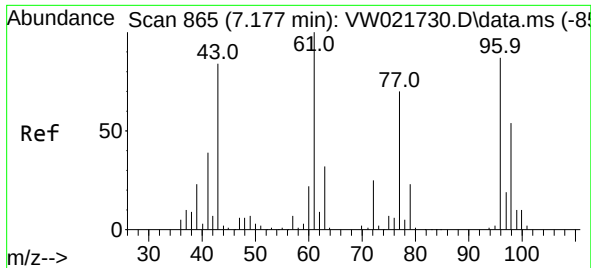
Tgt Ion: 43 Resp: 2004
Ion Ratio Lower Upper
43 100
58 18.7 24.2 36.2#



#20
Methylene Chloride
Concen: 4.317 ug/l
RT: 4.916 min Scan# 494
Delta R.T. 0.007 min
Lab File: VW021742.D
Acq: 05 Jan 2022 19:45

Tgt Ion: 84 Resp: 25441
Ion Ratio Lower Upper
84 100
49 102.5 99.1 148.7
51 30.8 28.8 43.2
86 64.6 50.1 75.1

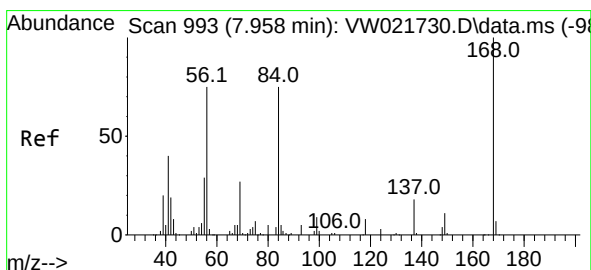
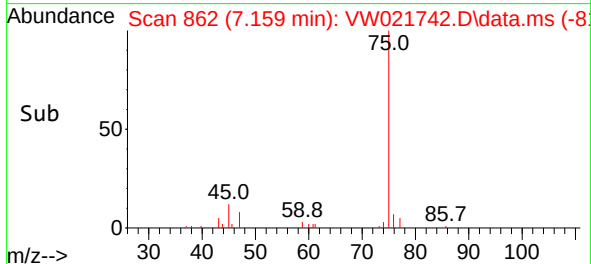
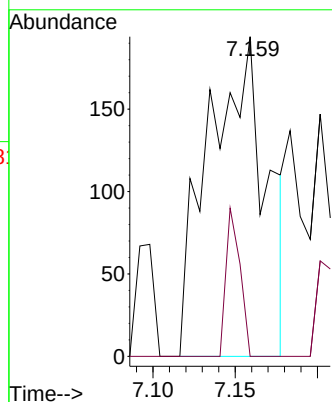
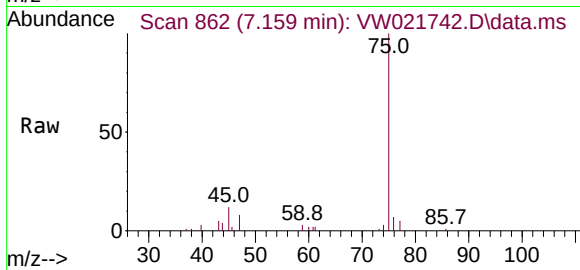




#25
2-Butanone
Concen: 1.323 ug/l
RT: 7.159 min Scan# 80
Delta R.T. -0.012 min
Lab File: VW021742.D
Acq: 05 Jan 2022 19:45

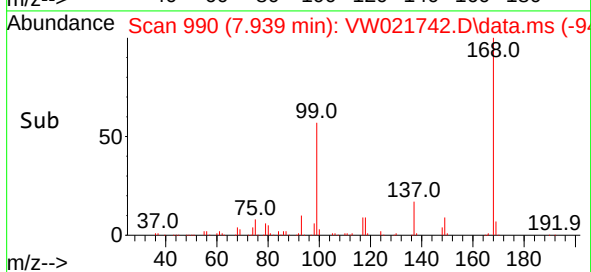
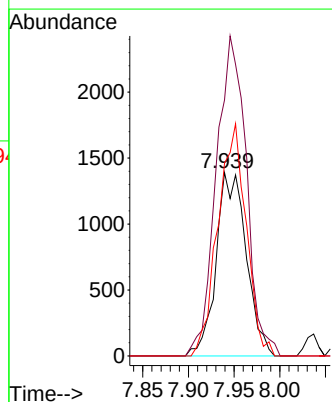
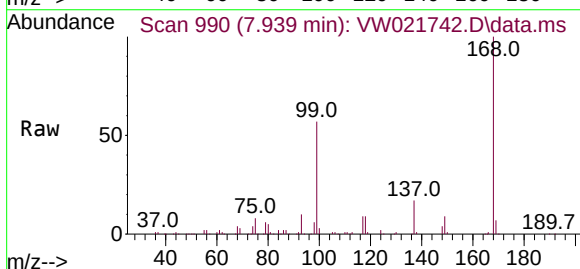
Instrument :
MSVOA_W
ClientSampleId :
SB-8-(10-15)

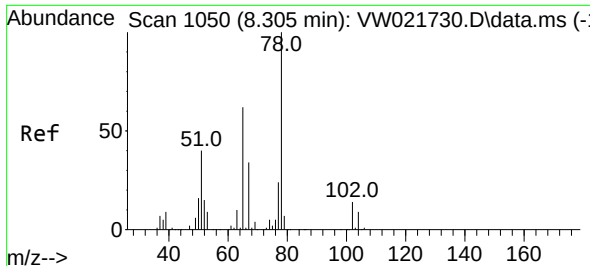
Tgt Ion: 43 Resp: 473
Ion Ratio Lower Upper
43 100
72 0.0 20.7 31.1#



#31
Cyclohexane
Concen: 1.239 ug/l
RT: 7.939 min Scan# 990
Delta R.T. -0.018 min
Lab File: VW021742.D
Acq: 05 Jan 2022 19:45

Tgt Ion: 56 Resp: 3179
Ion Ratio Lower Upper
56 100
69 139.6 28.7 43.1#
84 105.2 77.6 116.4

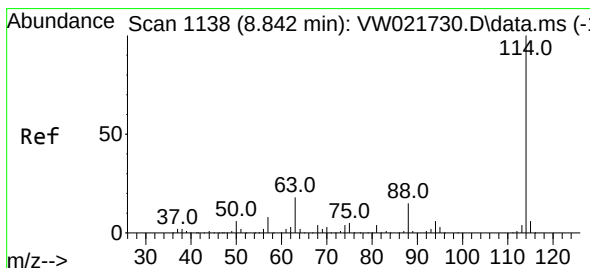
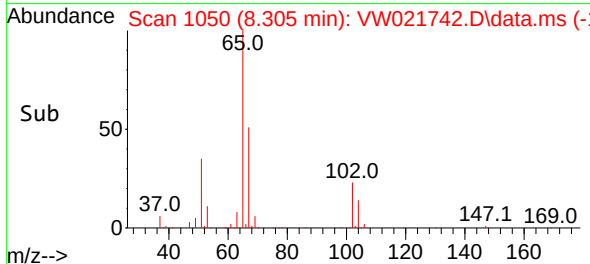
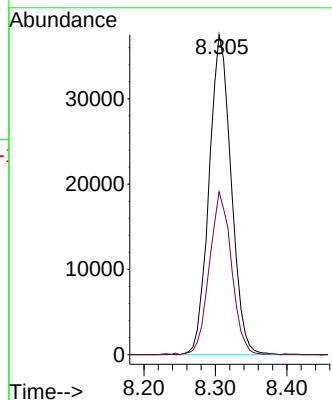
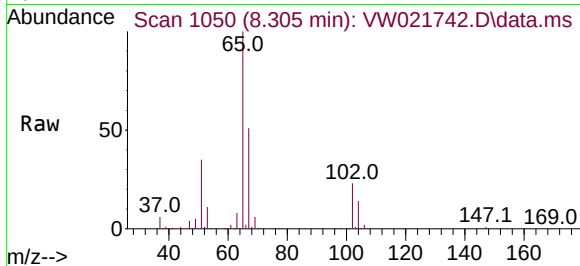




#33
 1,2-Dichloroethane-d4
 Concen: 54.659 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VW021742.D
 Acq: 05 Jan 2022 19:45

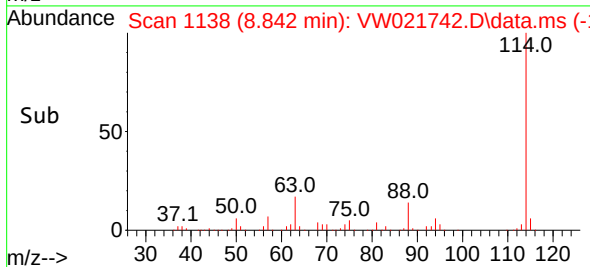
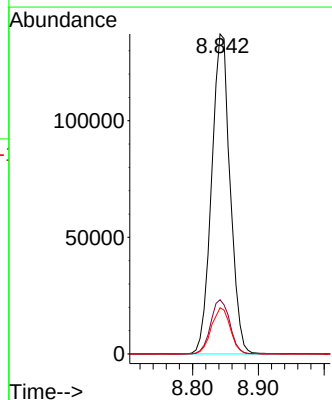
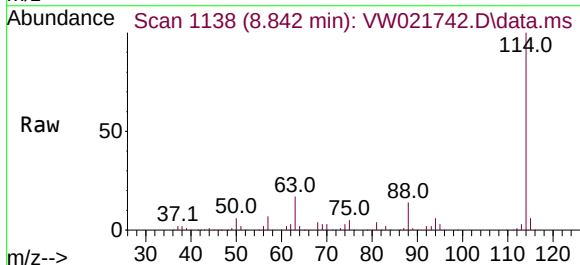
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-8-(10-15)

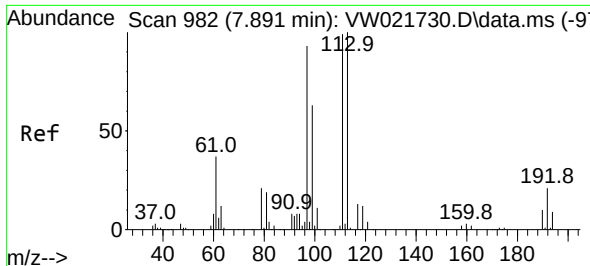
Tgt Ion: 65 Resp: 80602
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. 0.001 min
 Lab File: VW021742.D
 Acq: 05 Jan 2022 19:45

Tgt Ion: 114 Resp: 268808
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 37.2
 88 14.4 0.0 28.8

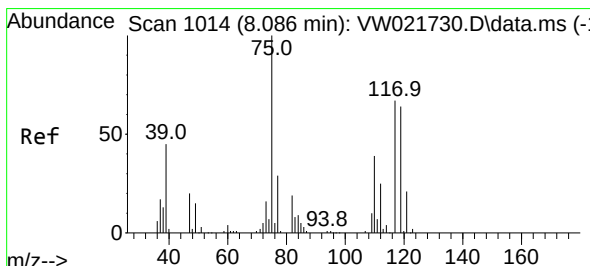
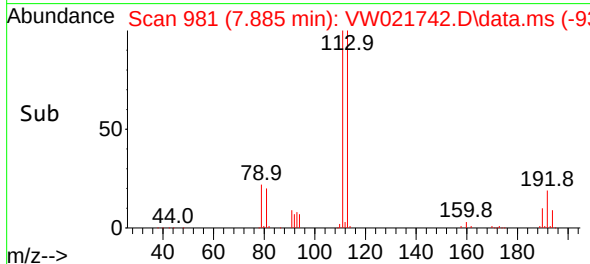
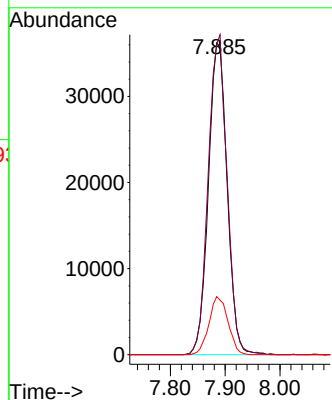
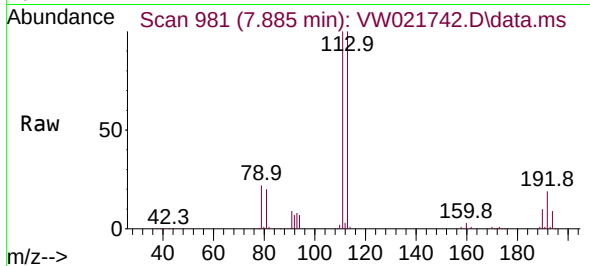




#35
 Dibromofluoromethane
 Concen: 51.359 ug/l
 RT: 7.885 min Scan# 91
 Delta R.T. 0.001 min
 Lab File: VW021742.D
 Acq: 05 Jan 2022 19:45

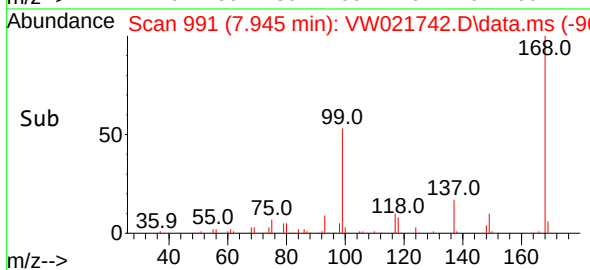
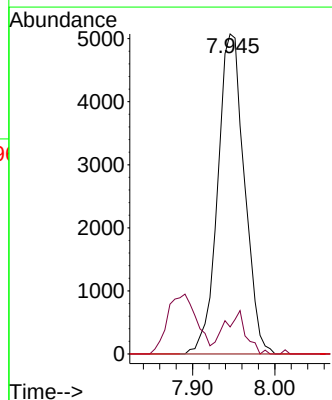
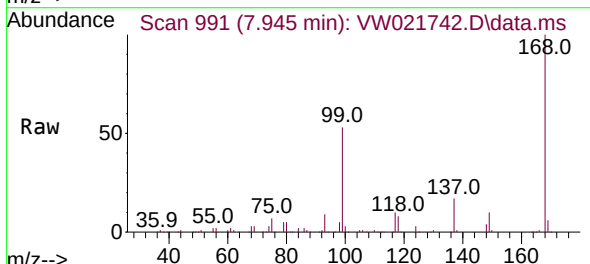
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-8-(10-15)

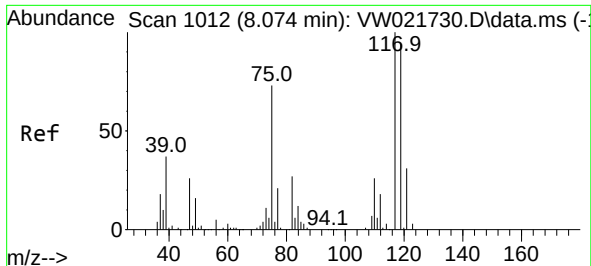
Tgt Ion:113 Resp: 85926
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.2 121.8
 192 18.9 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 4.814 ug/l
 RT: 7.945 min Scan# 991
 Delta R.T. -0.141 min
 Lab File: VW021742.D
 Acq: 05 Jan 2022 19:45

Tgt Ion: 75 Resp: 11446
 Ion Ratio Lower Upper
 75 100
 110 11.1 19.1 57.5#
 77 0.0 24.8 37.2#

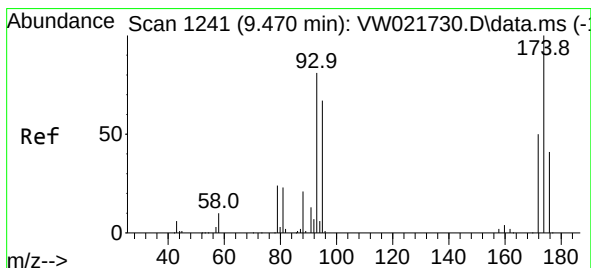
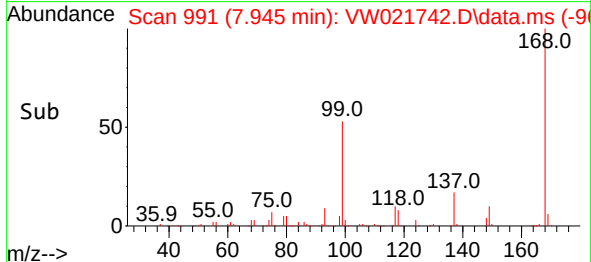
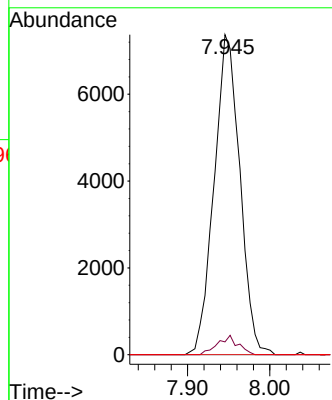
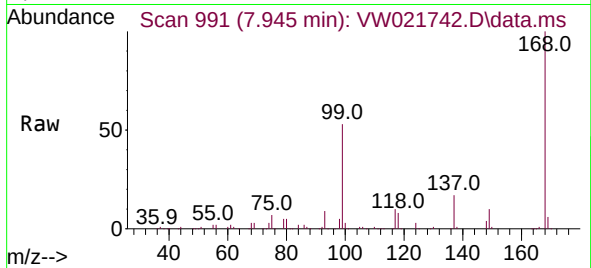




#38
Carbon Tetrachloride
Concen: 6.254 ug/l
RT: 7.945 min Scan# 91
Delta R.T. -0.122 min
Lab File: VW021742.D
Acq: 05 Jan 2022 19:45

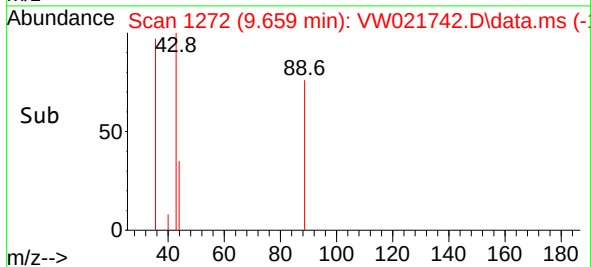
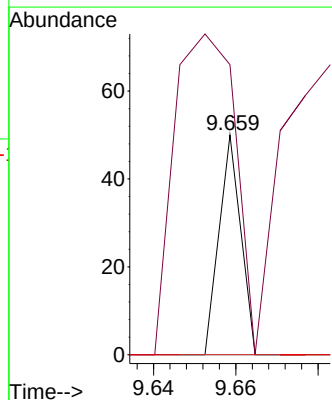
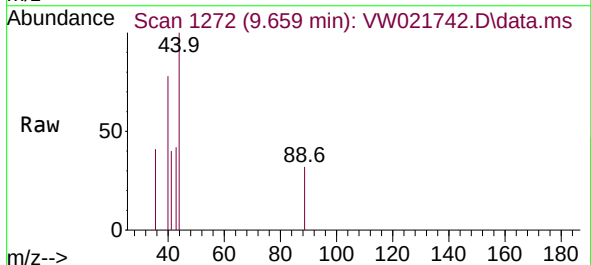
Instrument :
MSVOA_W
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SB-8-(10-15)

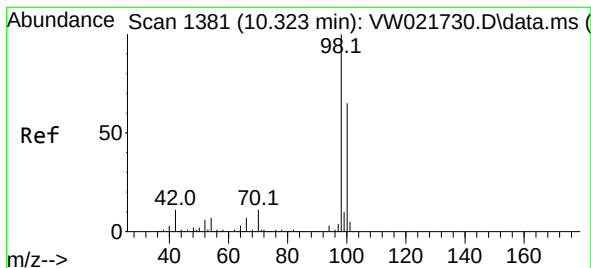
Tgt Ion:117 Resp: 16063
Ion Ratio Lower Upper
117 100
119 4.0 72.0 108.0#
121 0.0 22.6 33.8#



#49
1,4-Dioxane
Concen: 1.638 ug/l
RT: 9.659 min Scan# 1272
Delta R.T. 0.208 min
Lab File: VW021742.D
Acq: 05 Jan 2022 19:45

Tgt Ion: 88 Resp: 18
Ion Ratio Lower Upper
88 100
43 416.7 26.6 39.8#
58 0.0 51.8 77.8#





#50

Toluene-d8

Concen: 50.784 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VW021742.D

Acq: 05 Jan 2022 19:45

Instrument :

MSVOA_W

ClientSampleId :

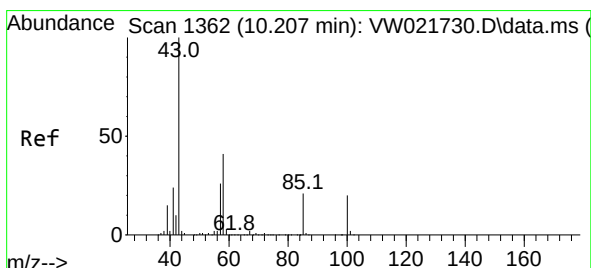
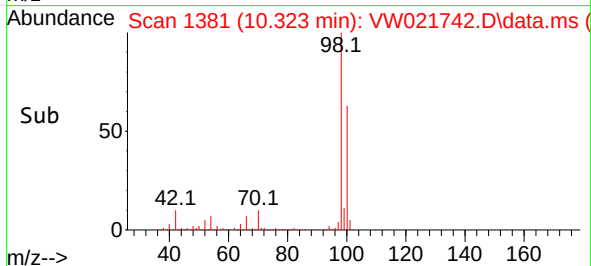
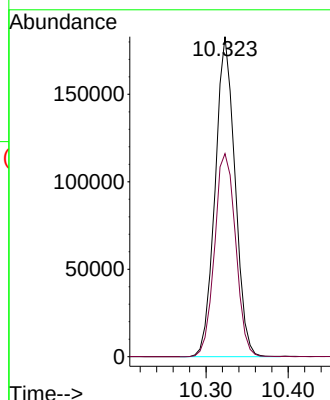
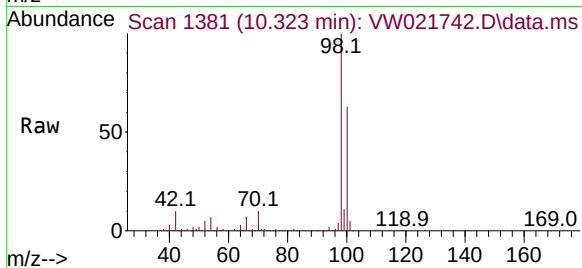
SB-8-(10-15)

Tgt Ion: 98 Resp: 307504

Ion Ratio Lower Upper

98 100

100 67.2 52.6 79.0



#51

4-Methyl-2-Pentanone

Concen: 1.206 ug/l

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW021742.D

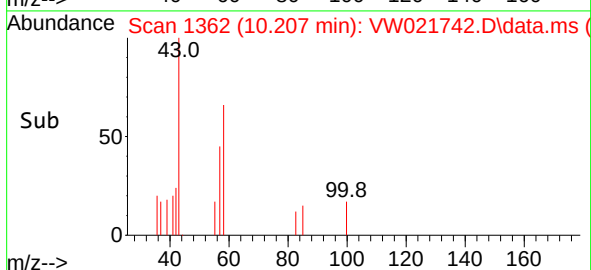
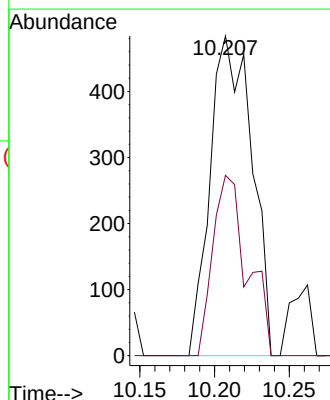
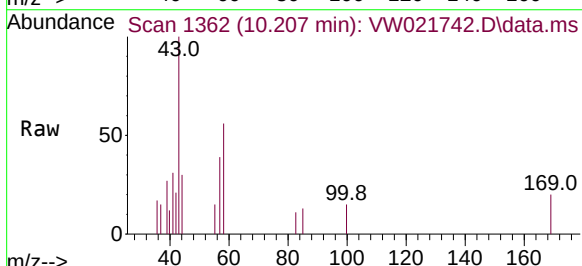
Acq: 05 Jan 2022 19:45

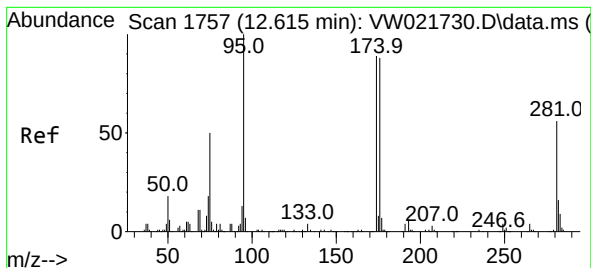
Tgt Ion: 43 Resp: 938

Ion Ratio Lower Upper

43 100

58 46.6 30.9 46.3#

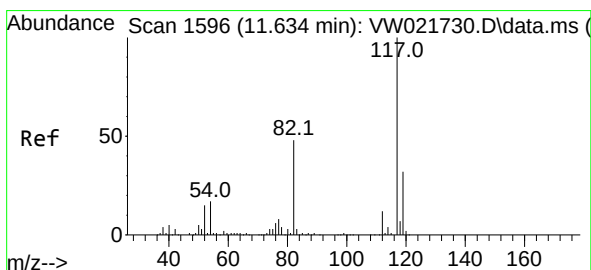
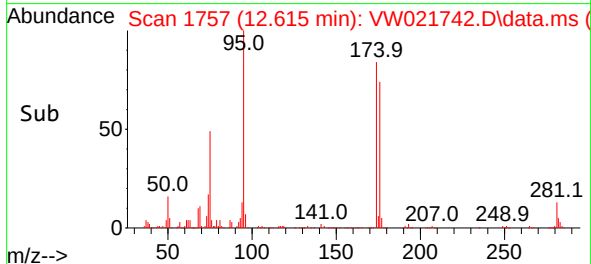
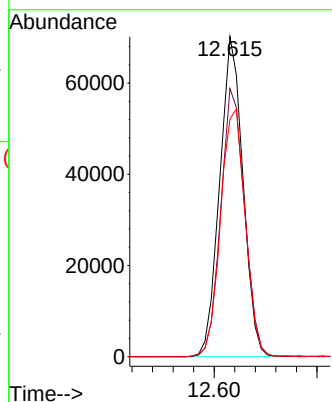
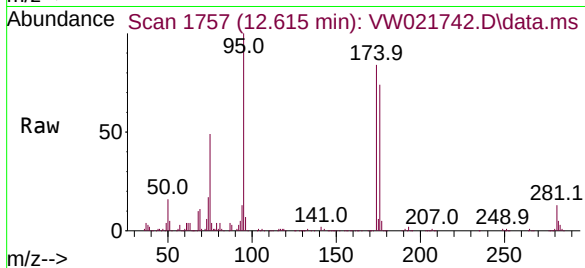




#62
4-Bromofluorobenzene
Concen: 48.958 ug/l
RT: 12.615 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021742.D
Acq: 05 Jan 2022 19:45

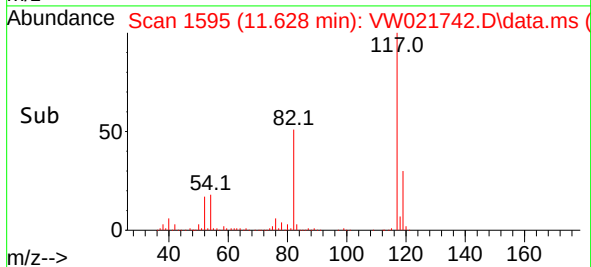
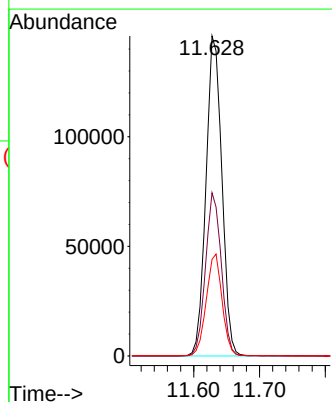
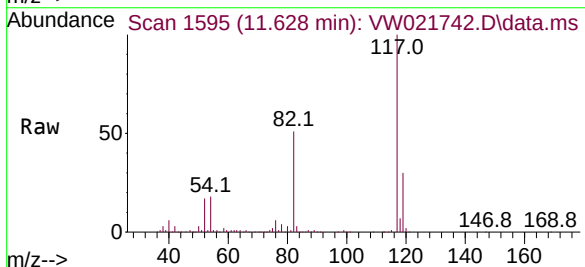
Instrument :
MSVOA_W
ClientSampleId :
SB-8-(10-15)

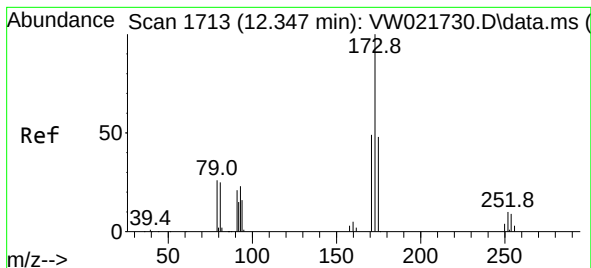
Tgt Ion: 95 Resp: 110038
Ion Ratio Lower Upper
95 100
174 85.5 0.0 171.2
176 82.5 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VW021742.D
Acq: 05 Jan 2022 19:45

Tgt Ion: 117 Resp: 245902
Ion Ratio Lower Upper
117 100
82 51.0 41.4 62.2
119 30.1 27.2 40.8





#71

Bromoform

Concen: 4.348 ug/l

RT: 12.597 min Scan# 1

Delta R.T. 0.250 min

Lab File: VW021742.D

Acq: 05 Jan 2022 19:45

Instrument :

MSVOA_W

ClientSampleId :

SB-8-(10-15)

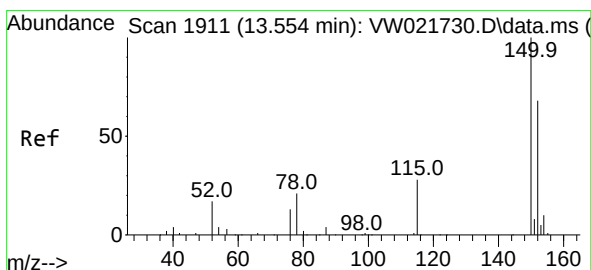
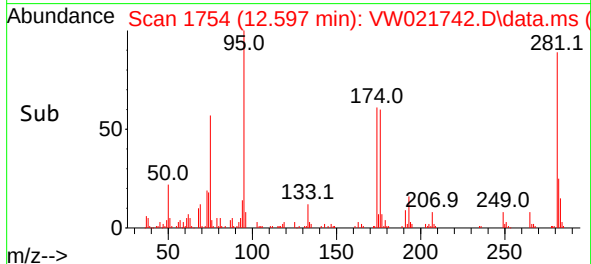
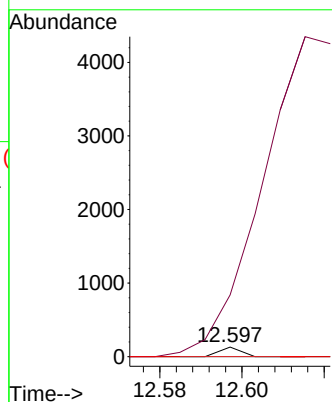
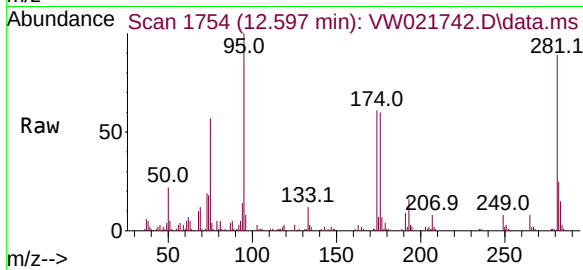
Tgt Ion:173 Resp: 48

Ion Ratio Lower Upper

173 100

175 11447.9 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: VW021742.D

Acq: 05 Jan 2022 19:45

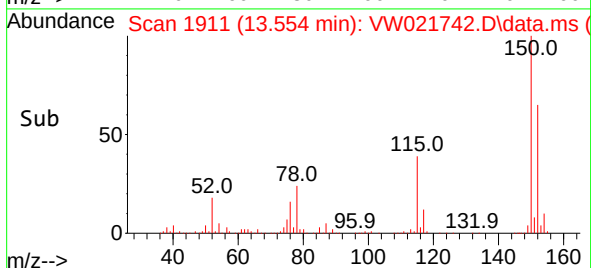
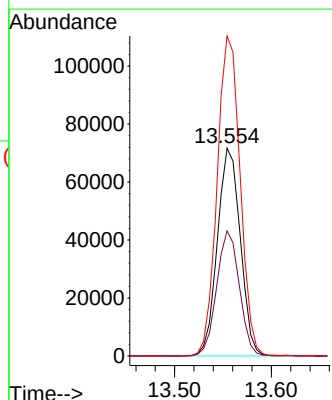
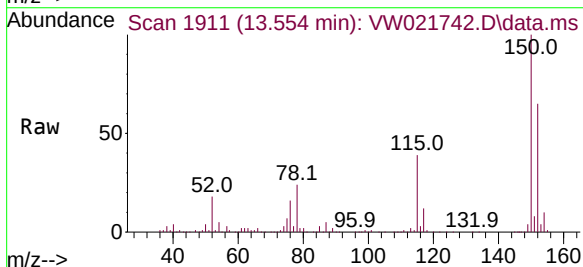
Tgt Ion:152 Resp: 117739

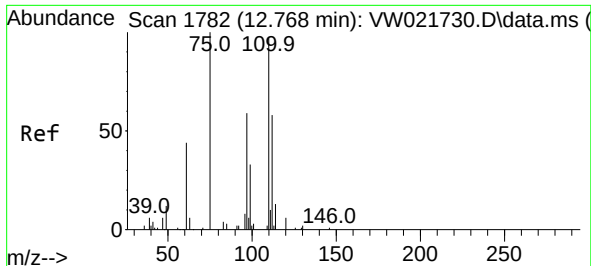
Ion Ratio Lower Upper

152 100

115 59.4 27.8 83.3

150 154.7 0.0 348.4

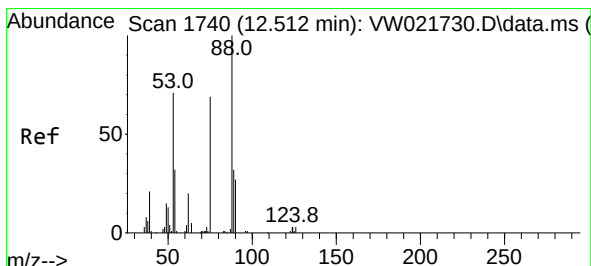
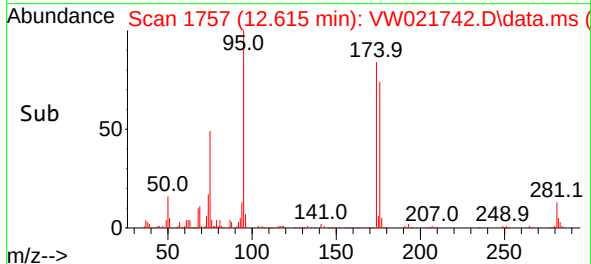
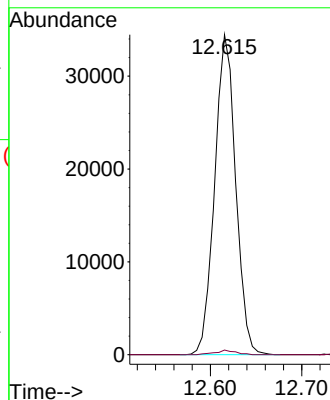
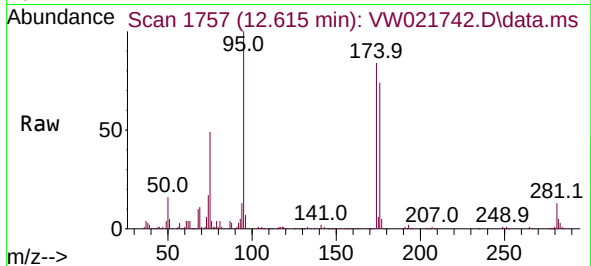




#76
1,2,3-Trichloropropane
Concen: 63.218 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW021742.D
Acq: 05 Jan 2022 19:45

Instrument :
MSVOA_W
ClientSampleId :
SB-8-(10-15)

Tgt Ion: 75 Resp: 55055
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 179.369 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW021742.D
Acq: 05 Jan 2022 19:45

Tgt Ion: 75 Resp: 55055
Ion Ratio Lower Upper
75 100
53 0.1 81.8 122.8#
89 0.1 38.6 57.8#

