

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
 Data File : VW021737.D
 Acq On : 05 Jan 2022 17:44
 Operator : SY/VA
 Sample : M5342-01
 Misc : 5.57g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3-(0-2)

Quant Time: Jan 06 05:52:49 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)

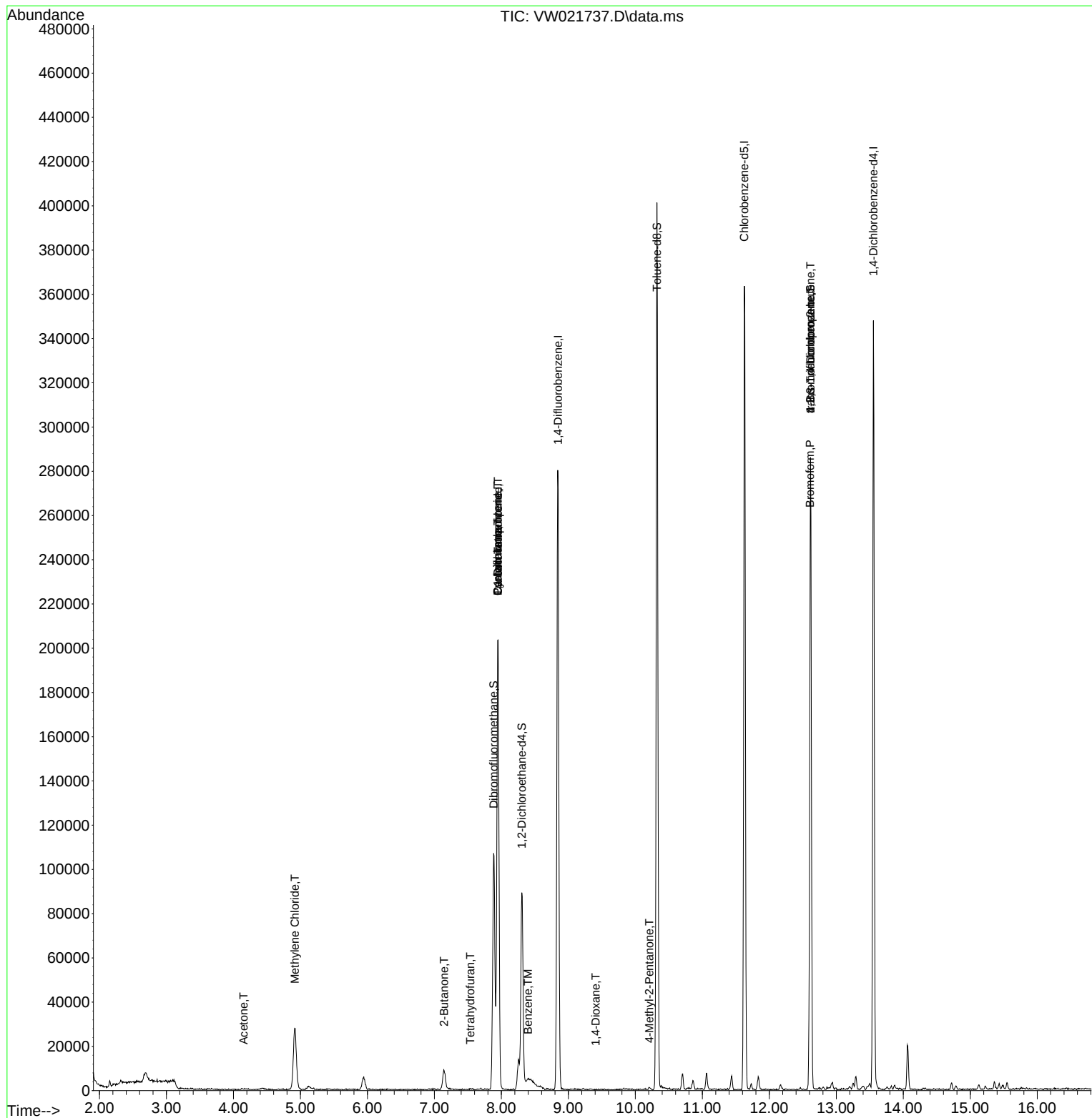
Internal Standards						
1) Pentafluorobenzene	7.945	168	159202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	251694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	217193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	91825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	71439	50.914	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.820%	
35) Dibromofluoromethane	7.884	113	75449	48.163	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.320%	
50) Toluene-d8	10.323	98	263537	46.482	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.960%	
62) 4-Bromofluorobenzene	12.615	95	87710	41.677	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.360%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.202	59	270	Below Cal	#	7
13) Acrolein	3.812	56	20	Below Cal		84
16) Acetone	4.153	43	875	3.302	ug/l	97
20) Methylene Chloride	4.915	84	22546	3.089	ug/l	90
25) 2-Butanone	7.147	43	548	1.611	ug/l #	49
29) Tetrahydrofuran	7.537	42	339	1.690	ug/l #	43
31) Cyclohexane	7.945	56	3043	1.247	ug/l #	1
36) 1,1-Dichloropropene	7.945	75	11371	5.107	ug/l #	50
38) Carbon Tetrachloride	7.951	117	15522	6.454	ug/l #	19
40) Benzene	8.396	78	10725	1.694	ug/l	95
49) 1,4-Dioxane	9.409	88	20	1.943	ug/l #	26
51) 4-Methyl-2-Pentanone	10.207	43	760	1.043	ug/l	99
71) Bromoform	12.609	173	297	4.625	ug/l #	27
76) 1,2,3-Trichloropropane	12.615	75	43173	63.565	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	43173	180.353	ug/l #	9

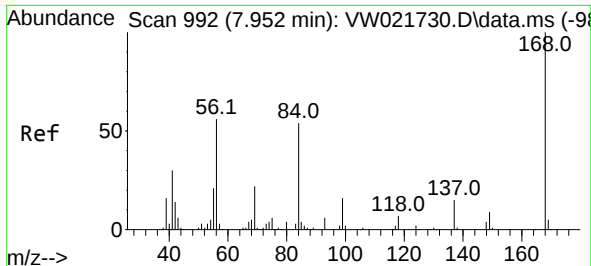
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010522S.M
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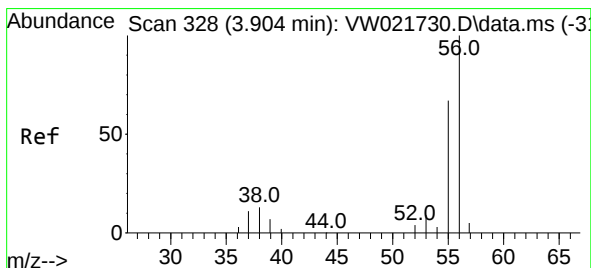
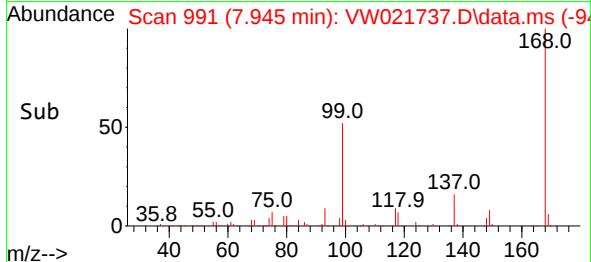
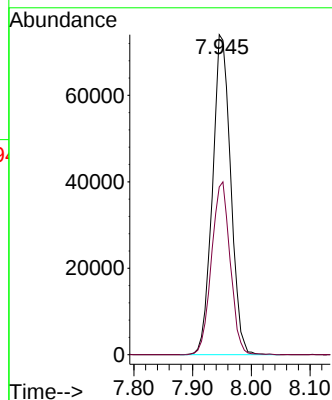
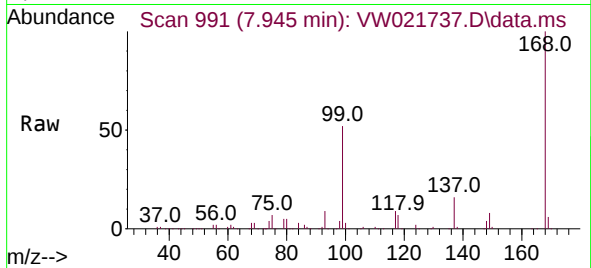




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW021737.D
Acq: 05 Jan 2022 17:44

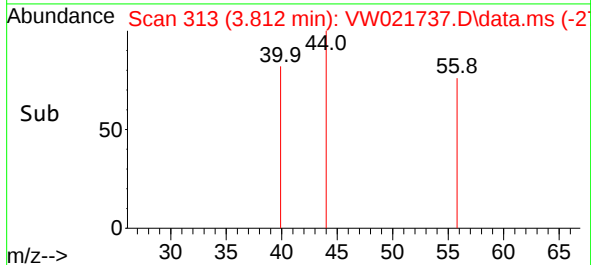
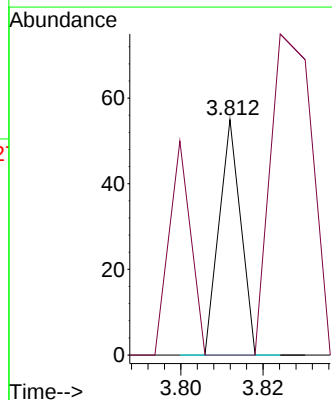
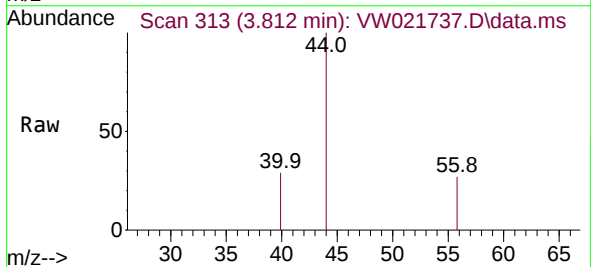
Instrument :
MSVOA_W
ClientSampleId :
SB-3-(0-2)

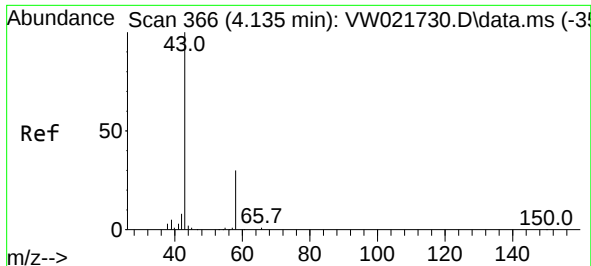
Tgt Ion:168 Resp: 159202
Ion Ratio Lower Upper
168 100
99 52.4 41.6 62.4



#13
Acrolein
Concen: Below Cal
RT: 3.812 min Scan# 313
Delta R.T. -0.079 min
Lab File: VW021737.D
Acq: 05 Jan 2022 17:44

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 90.0 61.2 91.8

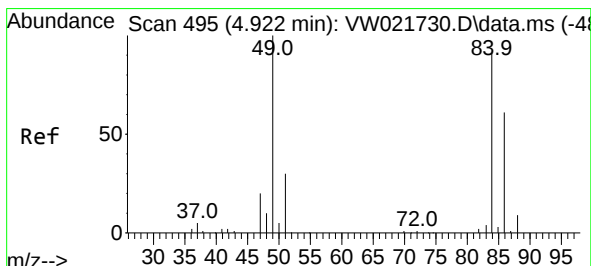
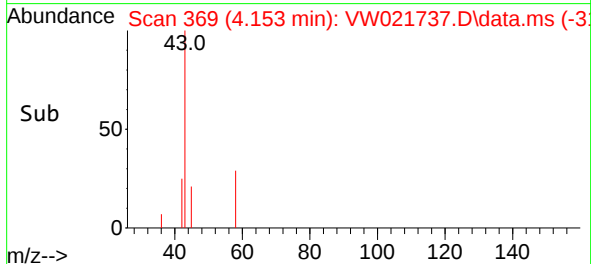
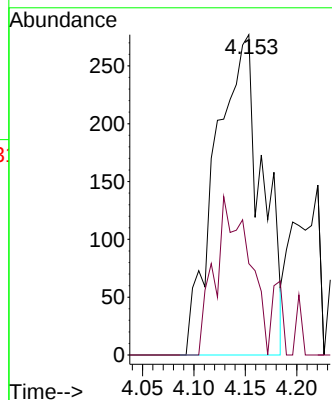
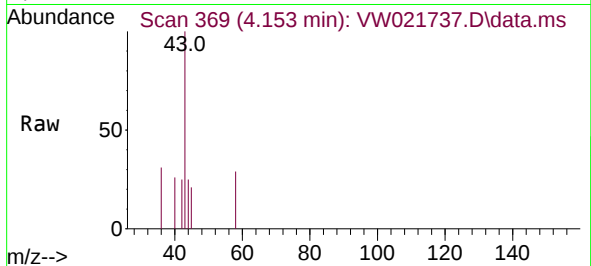




#16
Acetone
Concen: 3.302 ug/l
RT: 4.153 min Scan# 30
Delta R.T. 0.030 min
Lab File: VW021737.D
Acq: 05 Jan 2022 17:44

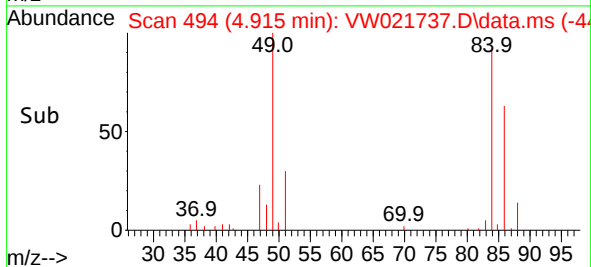
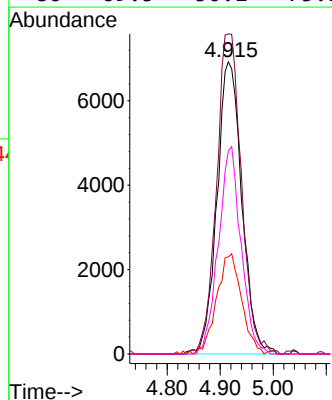
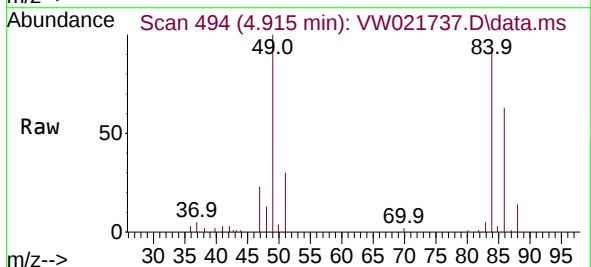
Instrument :
MSVOA_W
ClientSampleId :
SB-3-(0-2)

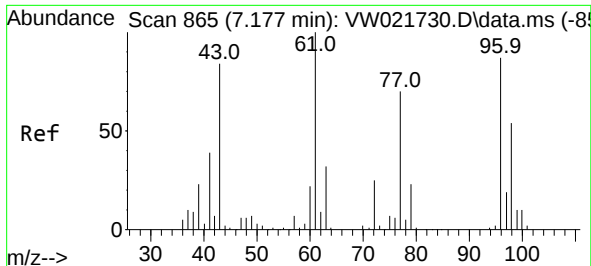
Tgt Ion: 43 Resp: 875
Ion Ratio Lower Upper
43 100
58 28.5 24.2 36.2



#20
Methylene Chloride
Concen: 3.089 ug/l
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW021737.D
Acq: 05 Jan 2022 17:44

Tgt Ion: 84 Resp: 22546
Ion Ratio Lower Upper
84 100
49 109.5 99.1 148.7
51 33.3 28.8 43.2
86 69.5 50.1 75.1

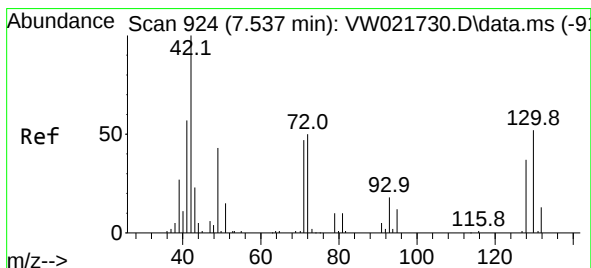
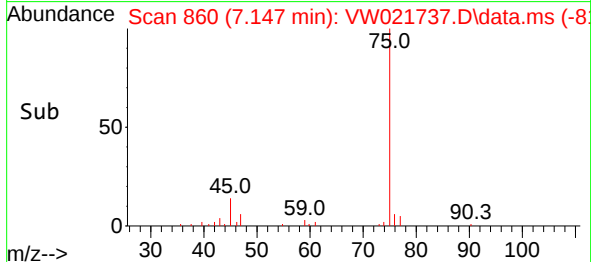
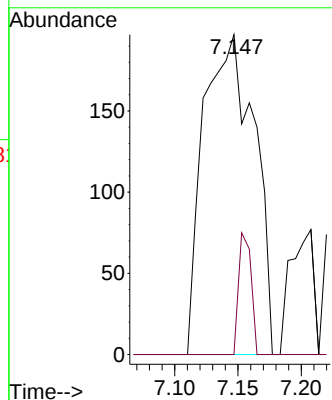
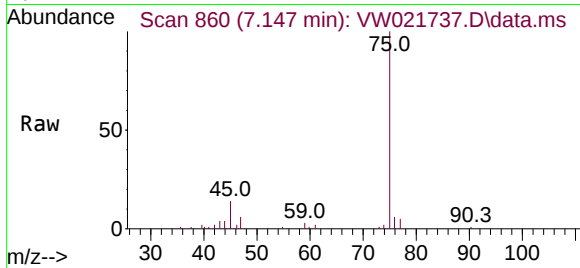




#25
2-Butanone
Concen: 1.611 ug/l
RT: 7.147 min Scan# 865
Delta R.T. -0.024 min
Lab File: VW021737.D
Acq: 05 Jan 2022 17:44

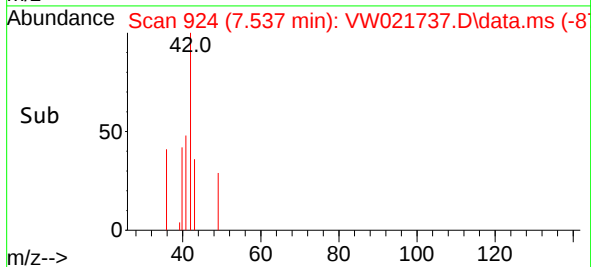
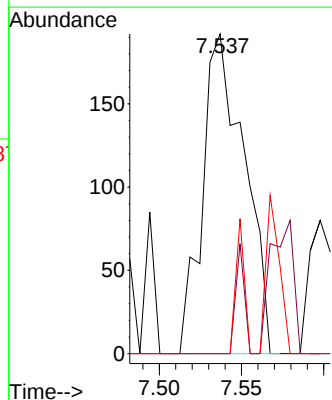
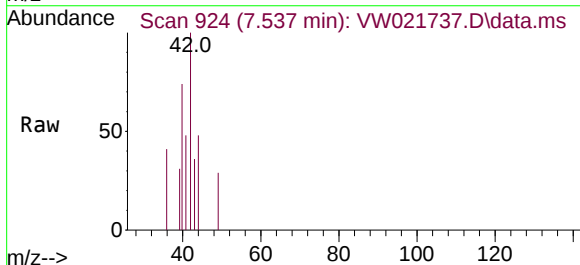
Instrument :
MSVOA_W
ClientSampleId :
SB-3-(0-2)

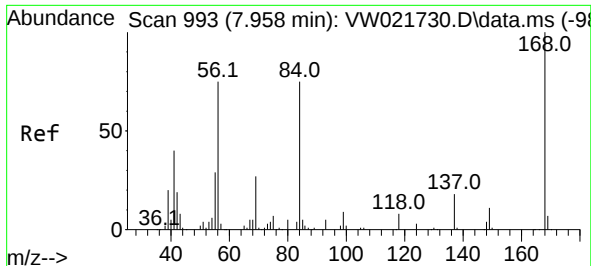
Tgt Ion: 43 Resp: 548
Ion Ratio Lower Upper
43 100
72 0.0 20.7 31.1#



#29
Tetrahydrofuran
Concen: 1.690 ug/l
RT: 7.537 min Scan# 924
Delta R.T. -0.000 min
Lab File: VW021737.D
Acq: 05 Jan 2022 17:44

Tgt Ion: 42 Resp: 339
Ion Ratio Lower Upper
42 100
72 7.1 37.4 56.0#
71 8.8 34.7 52.1#

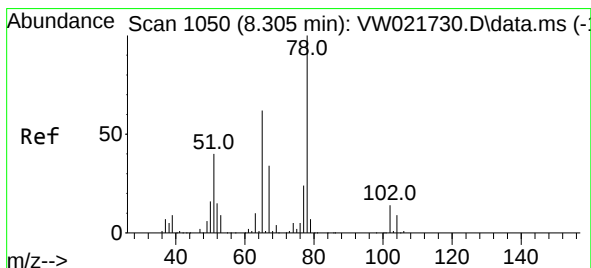
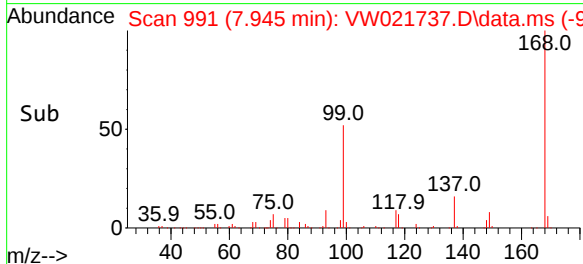
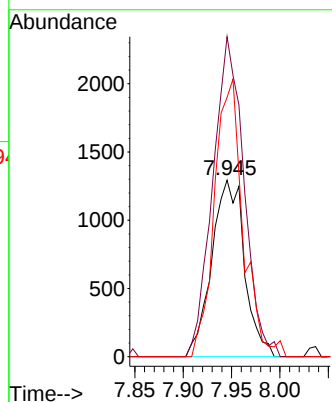
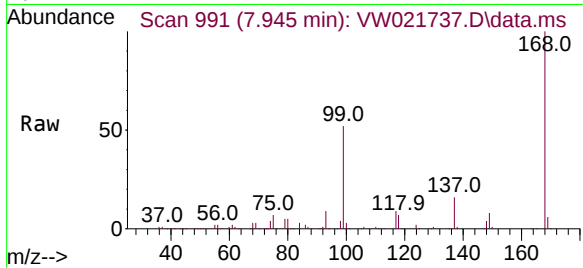




#31
Cyclohexane
Concen: 1.247 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW021737.D
Acq: 05 Jan 2022 17:44

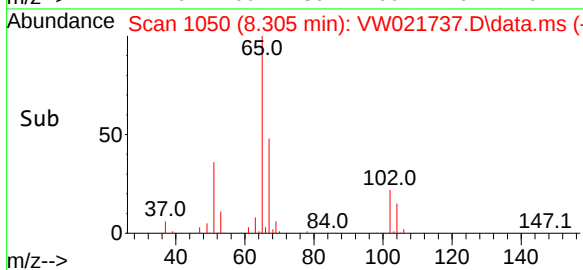
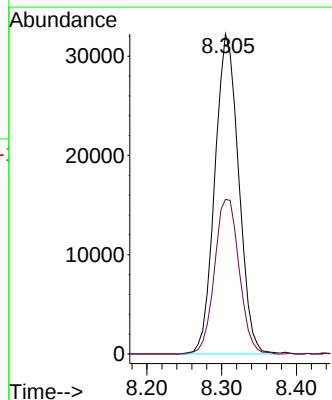
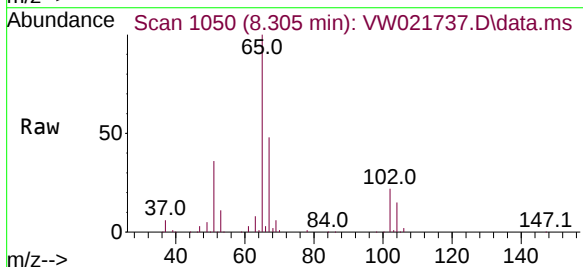
Instrument :
MSVOA_W
ClientSampleId :
SB-3-(0-2)

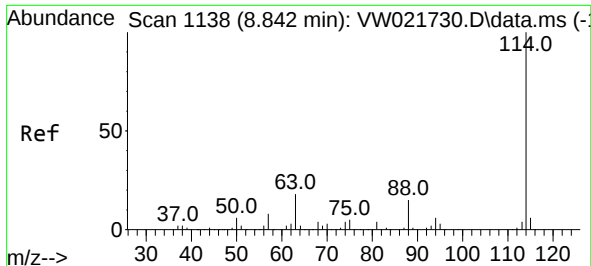
Tgt Ion: 56 Resp: 3043
Ion Ratio Lower Upper
56 100
69 181.2 28.7 43.1#
84 146.9 77.6 116.4#



#33
1,2-Dichloroethane-d4
Concen: 50.914 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW021737.D
Acq: 05 Jan 2022 17:44

Tgt Ion: 65 Resp: 71439
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.848 min Scan# 1139

Delta R.T. 0.007 min

Lab File: VW021737.D

Acq: 05 Jan 2022 17:44

Instrument :

MSVOA_W

ClientSampleId :

SB-3-(0-2)

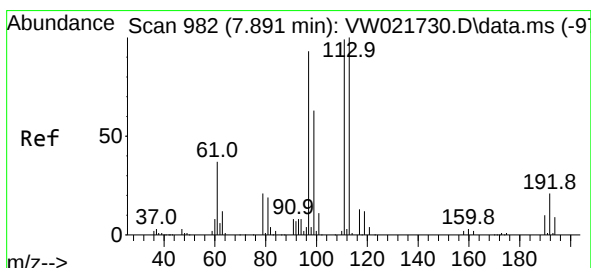
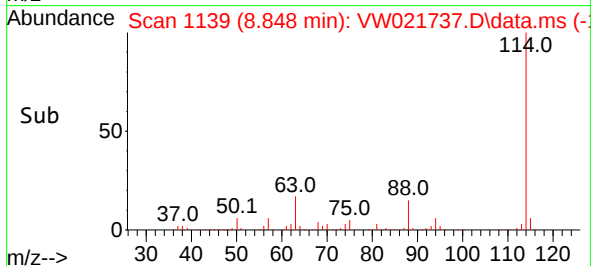
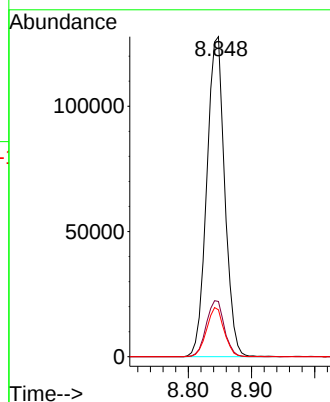
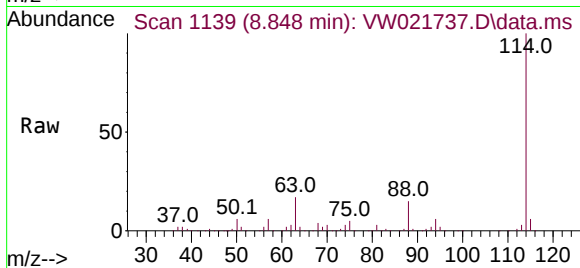
Tgt Ion:114 Resp: 251694

Ion Ratio Lower Upper

114 100

63 17.2 0.0 37.2

88 14.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.163 ug/l

RT: 7.884 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW021737.D

Acq: 05 Jan 2022 17:44

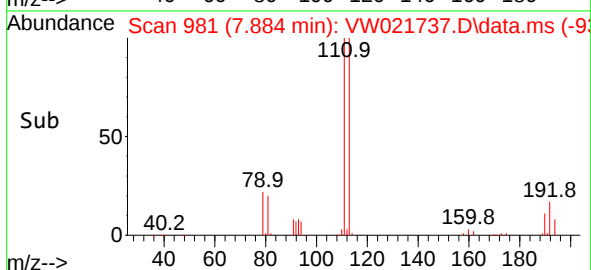
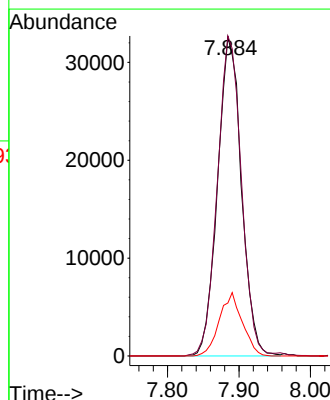
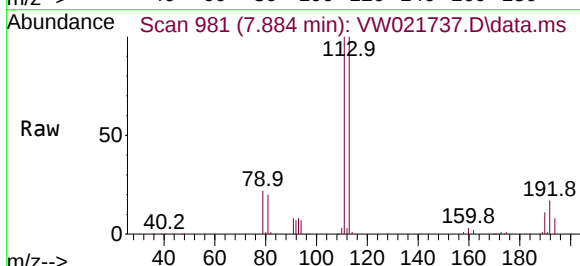
Tgt Ion:113 Resp: 75449

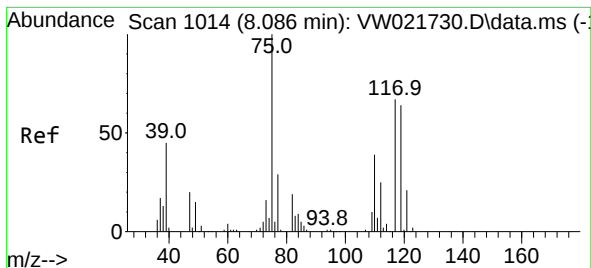
Ion Ratio Lower Upper

113 100

111 101.5 81.2 121.8

192 19.1 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.107 ug/l

RT: 7.945 min Scan# 991

Delta R.T. -0.141 min

Lab File: VW021737.D

Acq: 05 Jan 2022 17:44

Instrument :

MSVOA_W

ClientSampleId :

SB-3-(0-2)

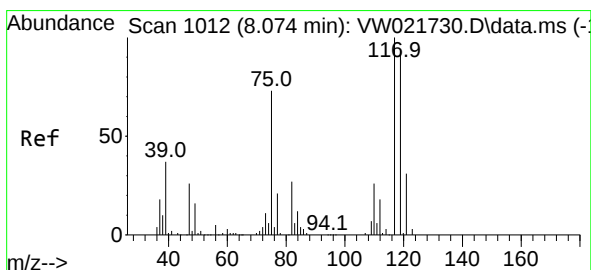
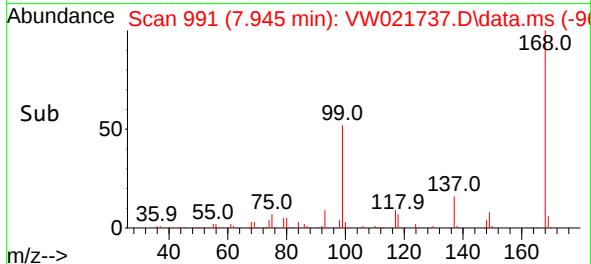
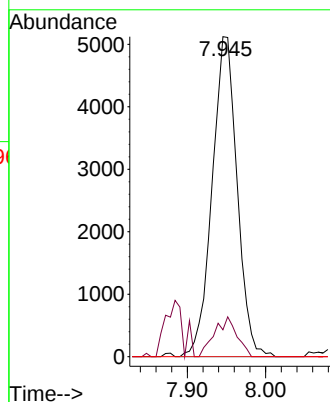
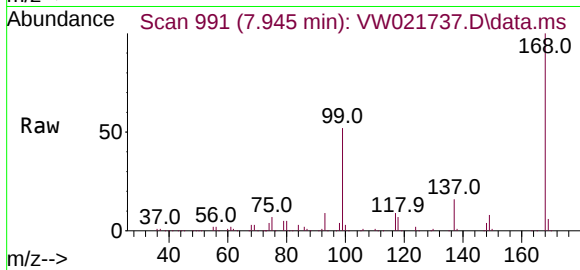
Tgt Ion: 75 Resp: 11371

Ion Ratio Lower Upper

75 100

110 11.2 19.1 57.5#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.454 ug/l

RT: 7.951 min Scan# 992

Delta R.T. -0.116 min

Lab File: VW021737.D

Acq: 05 Jan 2022 17:44

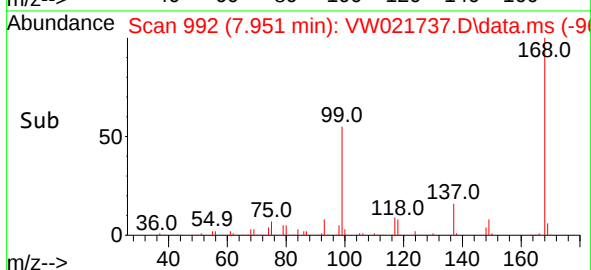
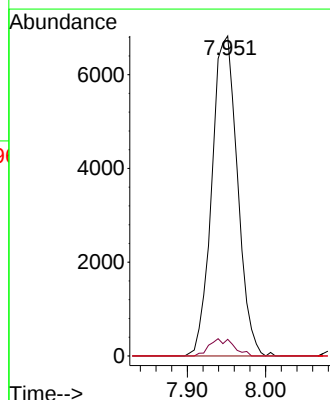
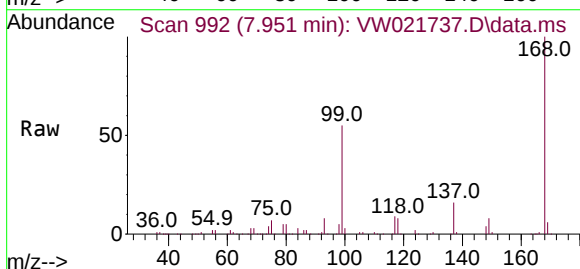
Tgt Ion: 117 Resp: 15522

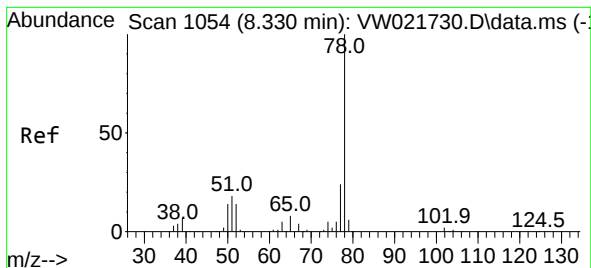
Ion Ratio Lower Upper

117 100

119 5.2 72.0 108.0#

121 0.0 22.6 33.8#





#40

Benzene

Concen: 1.694 ug/l

RT: 8.396 min Scan# 1065

Delta R.T. 0.073 min

Lab File: VW021737.D

Acq: 05 Jan 2022 17:44

Instrument :

MSVOA_W

ClientSampleId :

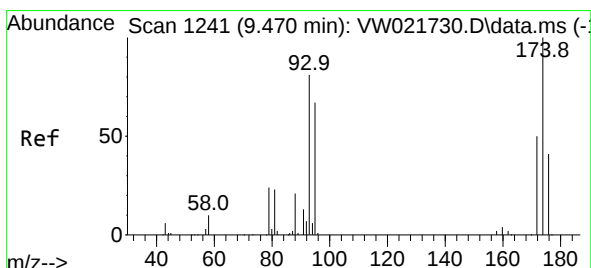
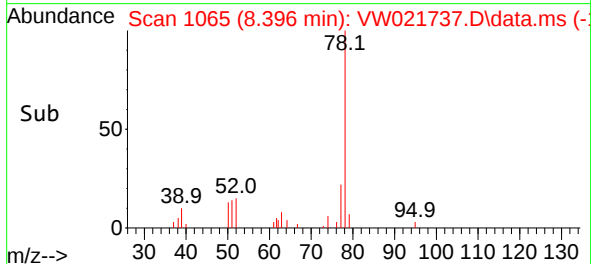
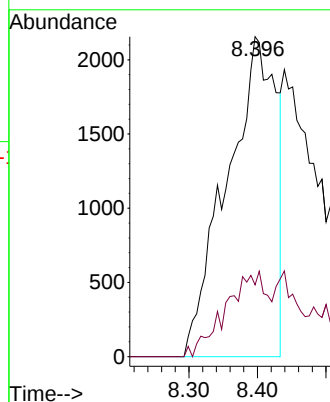
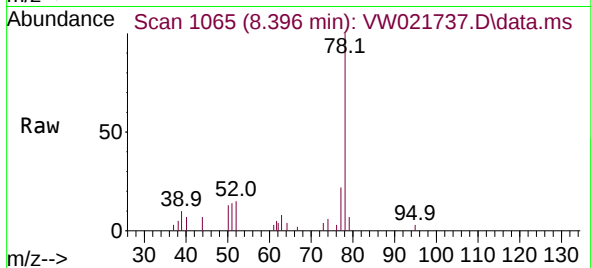
SB-3-(0-2)

Tgt Ion: 78 Resp: 10725

Ion Ratio Lower Upper

78 100

77 22.4 20.0 30.0



#49

1,4-Dioxane

Concen: 1.943 ug/l

RT: 9.409 min Scan# 1231

Delta R.T. -0.042 min

Lab File: VW021737.D

Acq: 05 Jan 2022 17:44

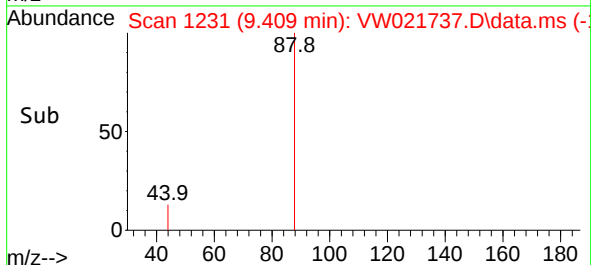
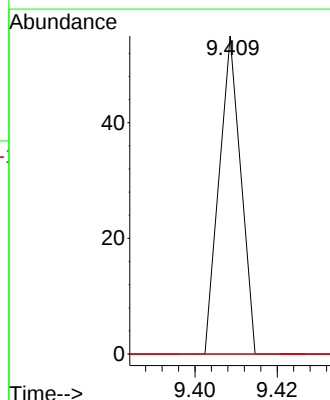
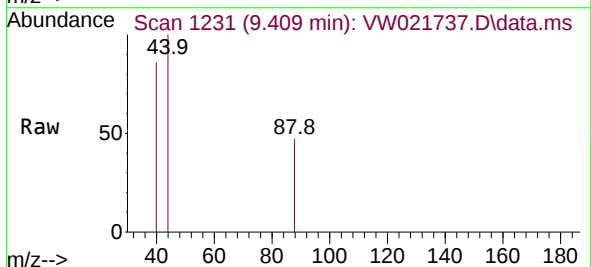
Tgt Ion: 88 Resp: 20

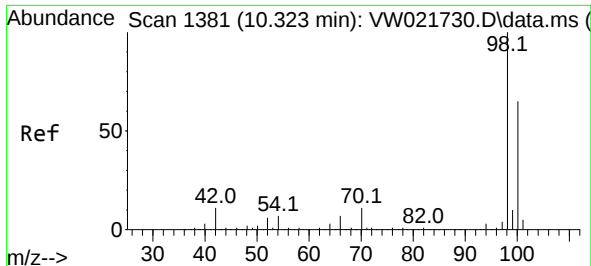
Ion Ratio Lower Upper

88 100

43 0.0 26.6 39.8#

58 0.0 51.8 77.8#

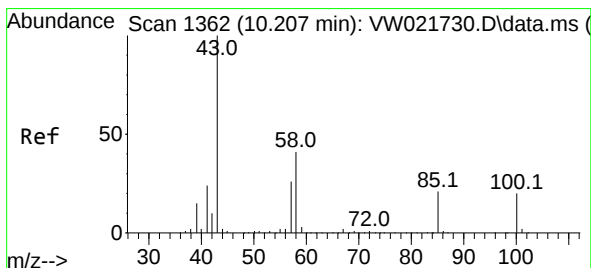
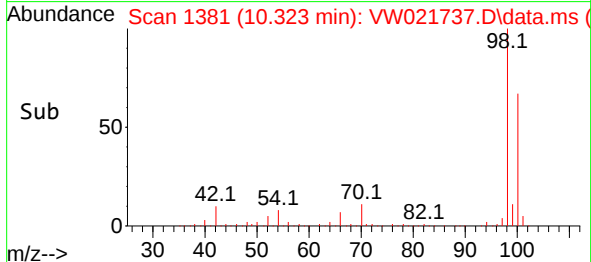
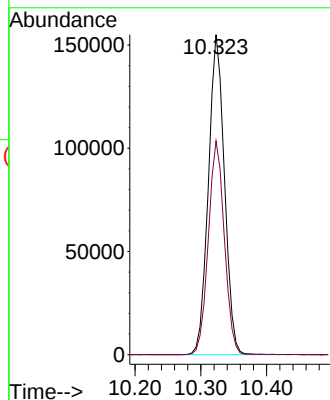
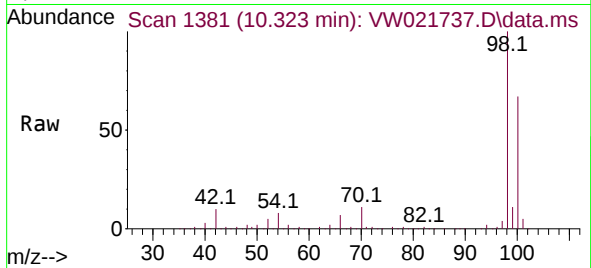




#50
Toluene-d8
Concen: 46.482 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW021737.D
Acq: 05 Jan 2022 17:44

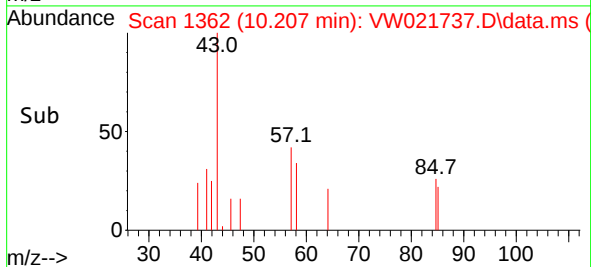
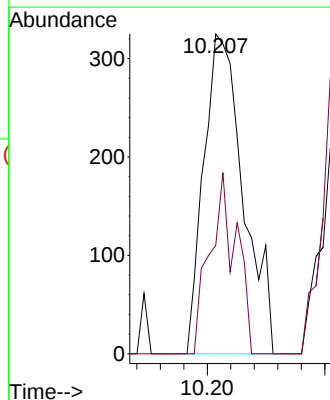
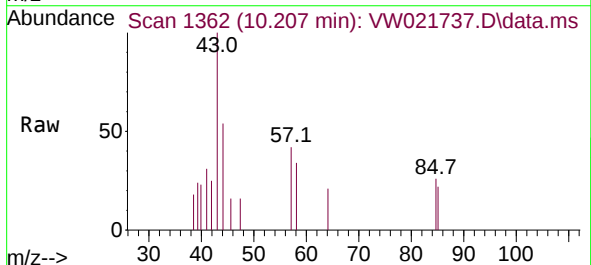
Instrument :
MSVOA_W
ClientSampleId :
SB-3-(0-2)

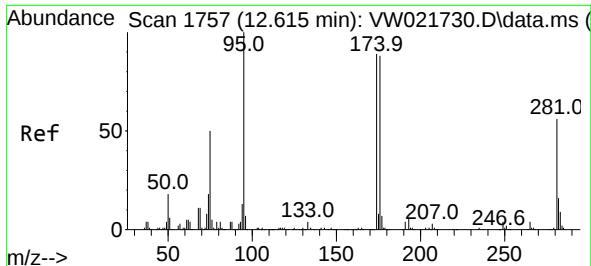
Tgt Ion: 98 Resp: 263537
Ion Ratio Lower Upper
98 100
100 66.6 52.6 79.0



#51
4-Methyl-2-Pentanone
Concen: 1.043 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW021737.D
Acq: 05 Jan 2022 17:44

Tgt Ion: 43 Resp: 760
Ion Ratio Lower Upper
43 100
58 38.0 30.9 46.3

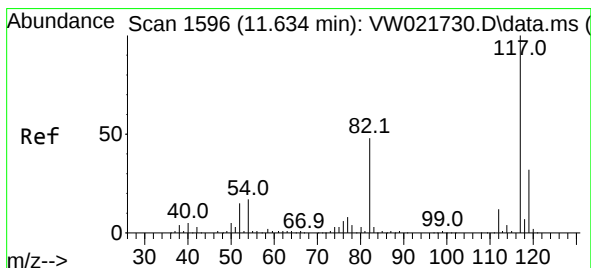
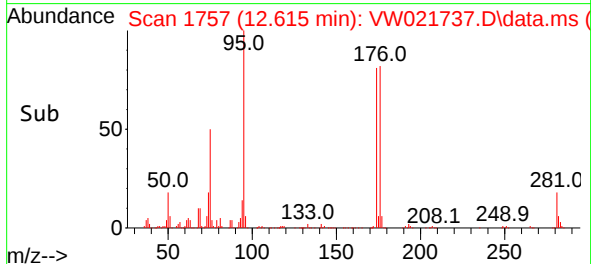
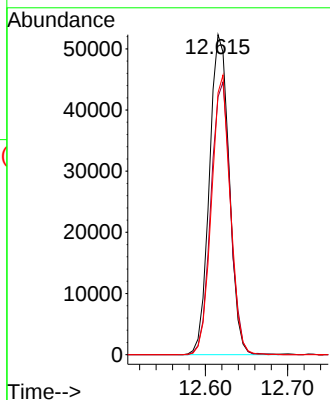
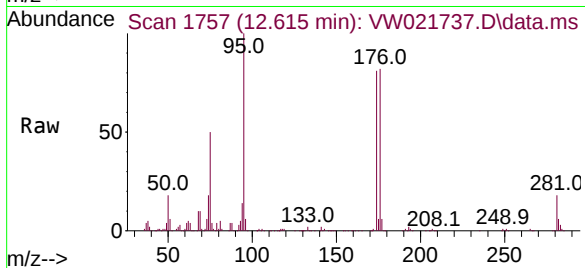




#62
4-Bromofluorobenzene
Concen: 41.677 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW021737.D
Acq: 05 Jan 2022 17:44

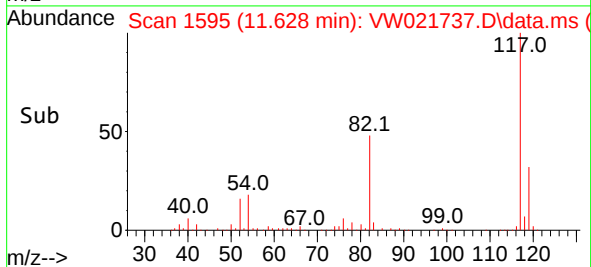
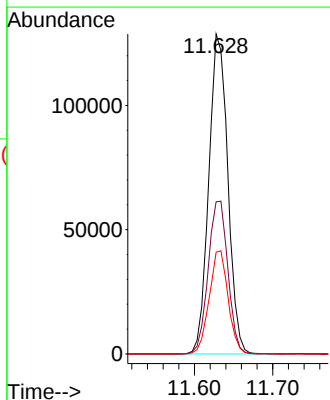
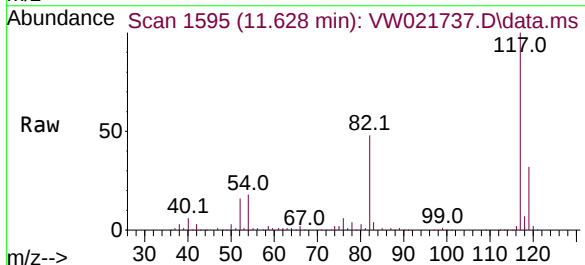
Instrument :
MSVOA_W
ClientSampleId :
SB-3-(0-2)

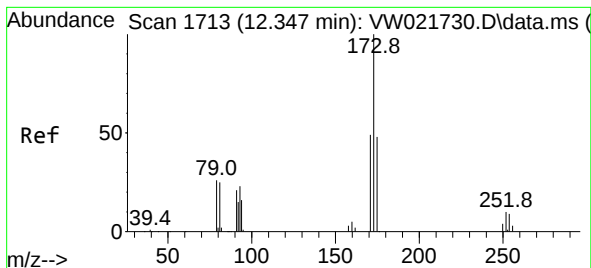
Tgt Ion: 95 Resp: 87710
Ion Ratio Lower Upper
95 100
174 84.0 0.0 171.2
176 82.5 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VW021737.D
Acq: 05 Jan 2022 17:44

Tgt Ion: 117 Resp: 217193
Ion Ratio Lower Upper
117 100
82 47.6 41.4 62.2
119 31.8 27.2 40.8





#71

Bromoform

Concen: 4.625 ug/l

RT: 12.609 min Scan# 11

Delta R.T. 0.262 min

Lab File: VW021737.D

Acq: 05 Jan 2022 17:44

Instrument :

MSVOA_W

ClientSampleId :

SB-3-(0-2)

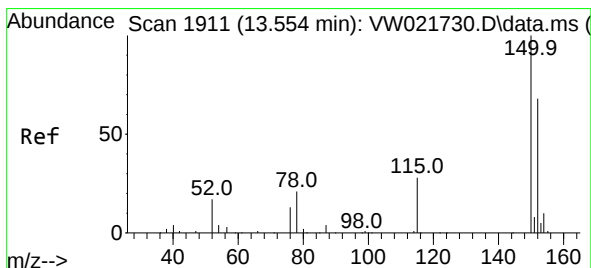
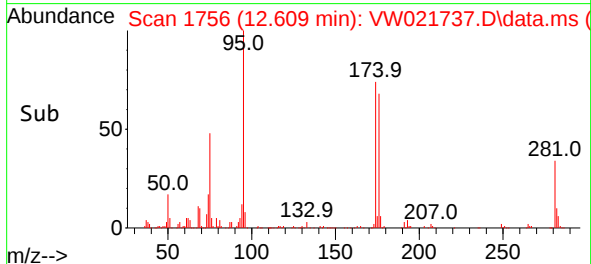
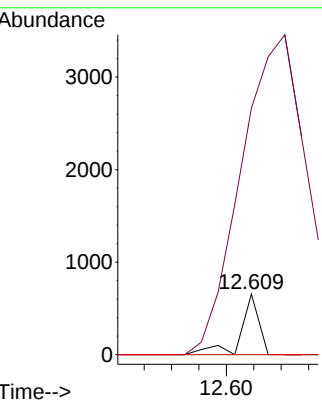
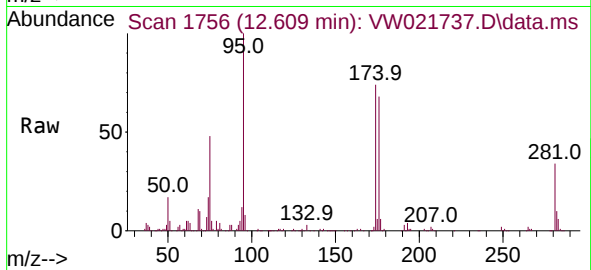
Tgt Ion:173 Resp: 297

Ion Ratio Lower Upper

173 100

175 0.0 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: VW021737.D

Acq: 05 Jan 2022 17:44

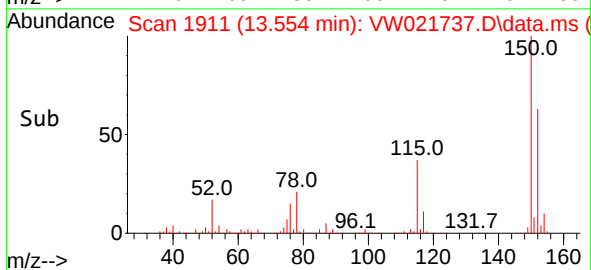
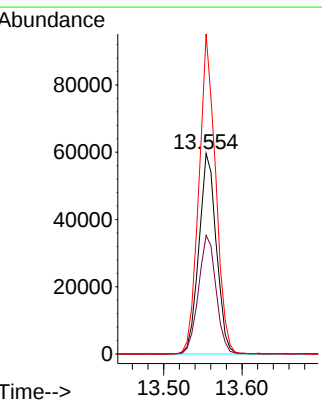
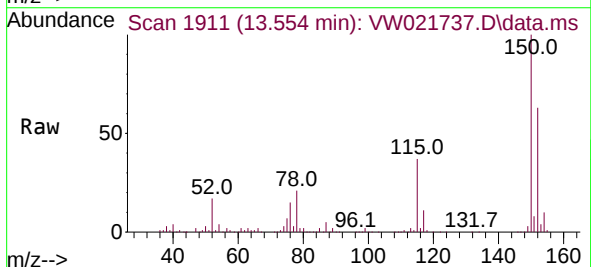
Tgt Ion:152 Resp: 91825

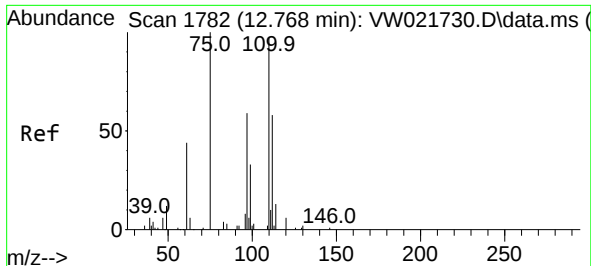
Ion Ratio Lower Upper

152 100

115 60.0 27.8 83.3

150 153.3 0.0 348.4

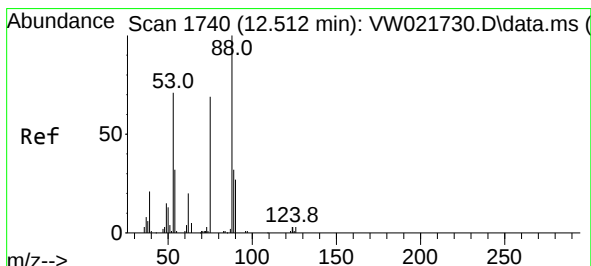
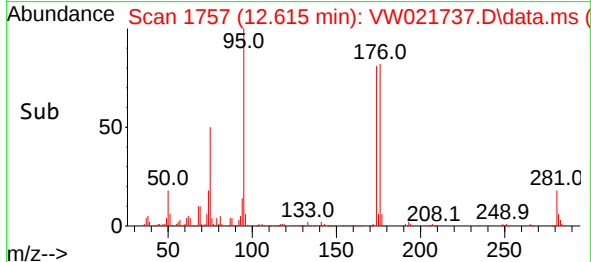
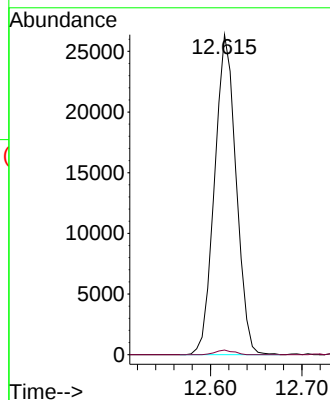
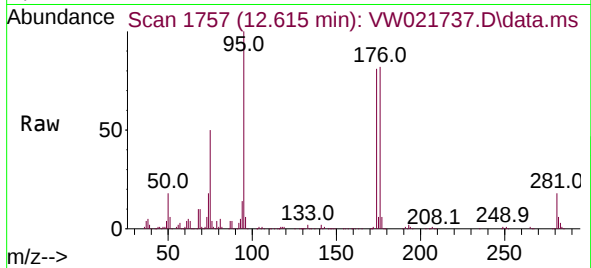




#76
1,2,3-Trichloropropane
Concen: 63.565 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW021737.D
Acq: 05 Jan 2022 17:44

Instrument :
MSVOA_W
ClientSampleId :
SB-3-(0-2)

Tgt Ion: 75 Resp: 43173
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 180.353 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW021737.D
Acq: 05 Jan 2022 17:44

Tgt Ion: 75 Resp: 43173
Ion Ratio Lower Upper
75 100
53 0.0 81.8 122.8#
89 0.1 38.6 57.8#

