

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
 Data File : VW021747.D
 Acq On : 05 Jan 2022 21:44
 Operator : SY/VA
 Sample : M5342-11
 Misc : 5.26g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11-(0-2)

Quant Time: Jan 06 05:55:52 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)

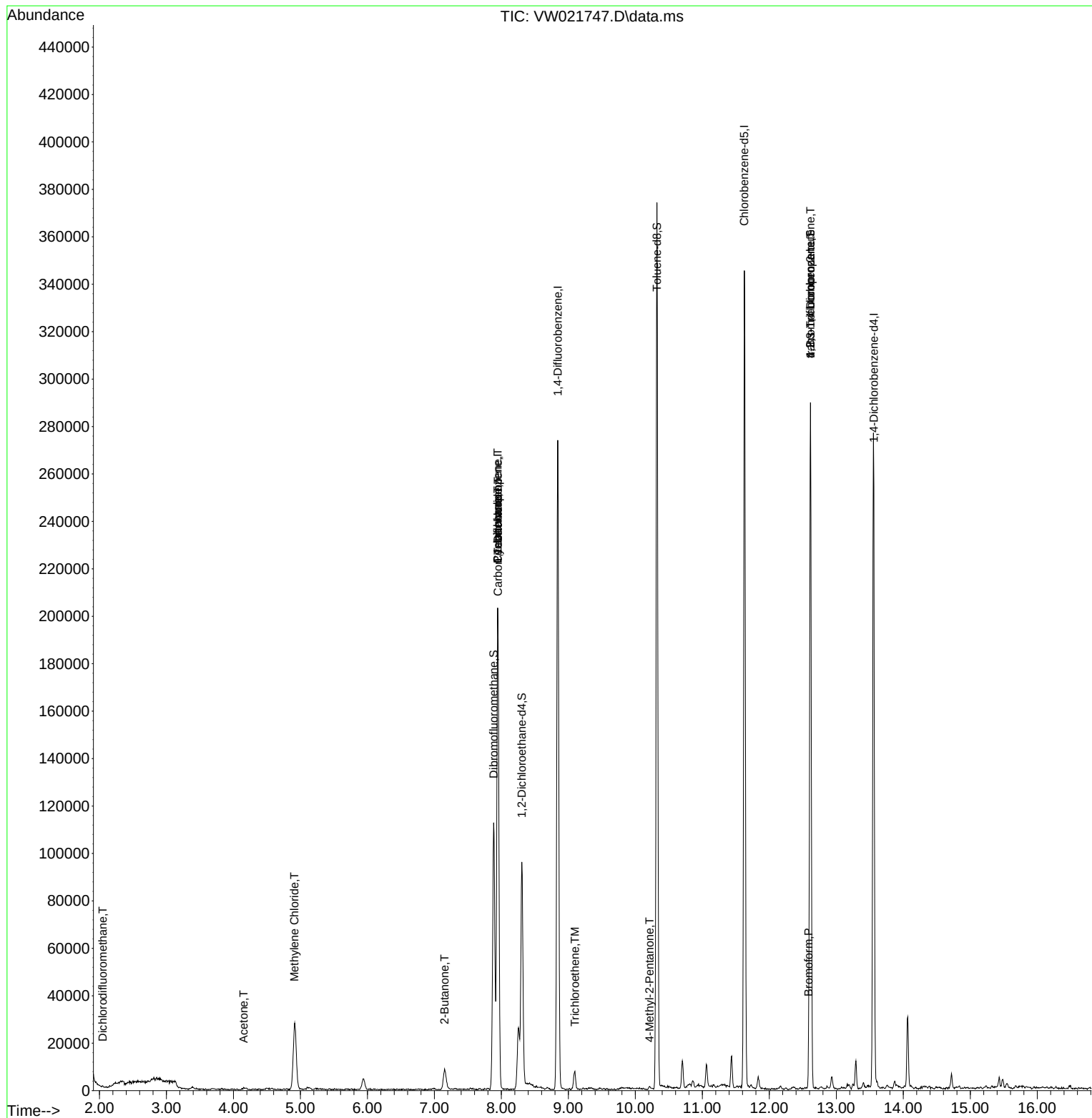
Internal Standards						
1) Pentafluorobenzene	7.945	168	156313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	245794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	204059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	74474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	73606	53.428	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.860%	
35) Dibromofluoromethane	7.884	113	77764	50.833	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.660%	
50) Toluene-d8	10.323	98	250731	45.285	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 90.560%	
62) 4-Bromofluorobenzene	12.615	95	77368	37.645	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.300%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.050	85	25	6.485	ug/l #	41
11) Tert butyl alcohol	5.184	59	41	Below Cal	#	84
13) Acrolein	3.781	56	25	Below Cal	#	1
16) Acetone	4.153	43	709	2.725	ug/l #	76
20) Methylene Chloride	4.909	84	22541	3.393	ug/l	89
25) 2-Butanone	7.153	43	466	1.395	ug/l #	49
31) Cyclohexane	7.945	56	2927	1.222	ug/l #	7
36) 1,1-Dichloropropene	7.945	75	10961	5.041	ug/l #	49
38) Carbon Tetrachloride	7.951	117	15972	6.801	ug/l #	19
44) Trichloroethene	9.098	130	2985	1.588	ug/l	71
51) 4-Methyl-2-Pentanone	10.213	43	805	1.132	ug/l	99
71) Bromoform	12.585	173	20	4.325	ug/l #	27
76) 1,2,3-Trichloropropane	12.615	75	37795	68.611	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	37795	194.671	ug/l #	9

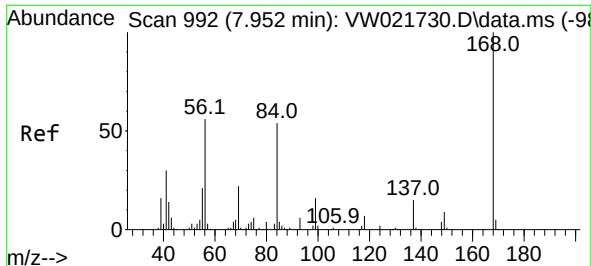
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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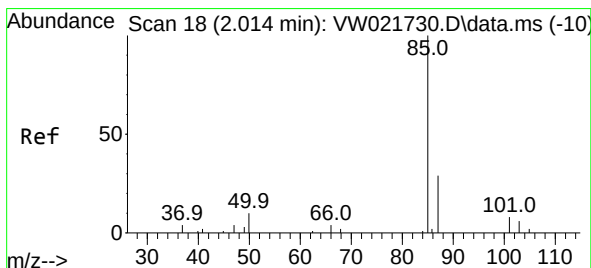
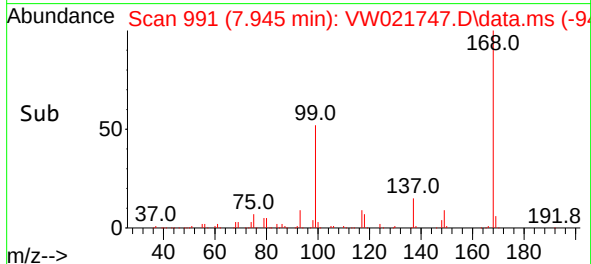
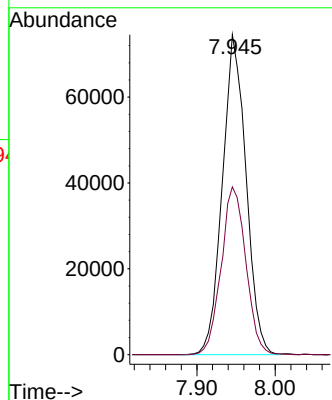
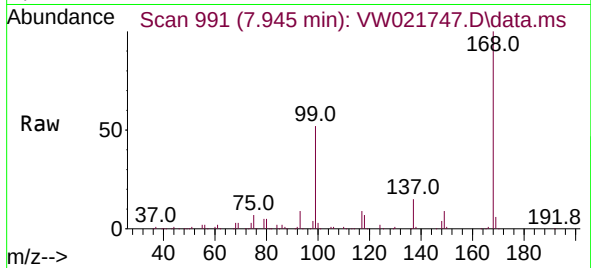




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW021747.D
Acq: 05 Jan 2022 21:44

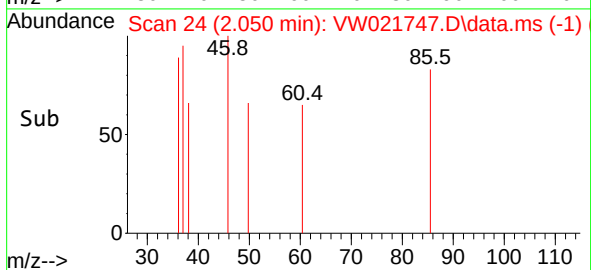
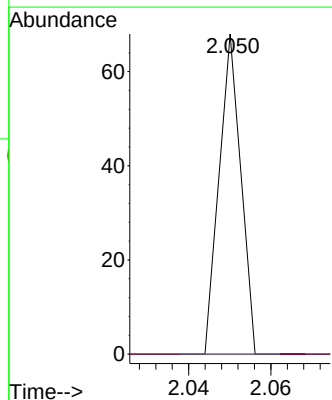
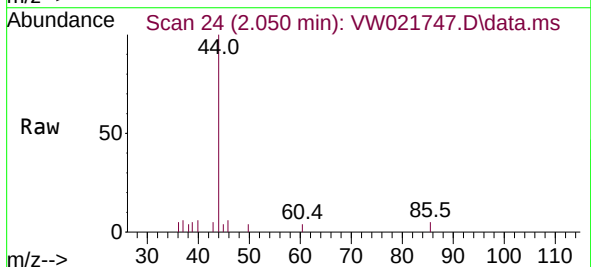
Instrument :
MSVOA_W
ClientSampleId :
SB-11-(0-2)

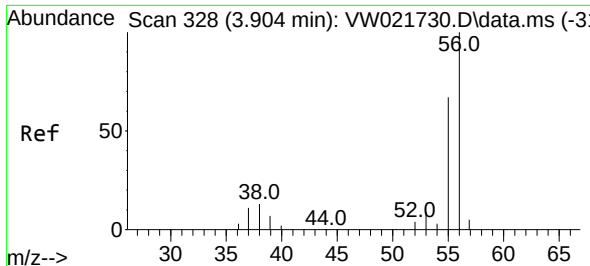
Tgt Ion:168 Resp: 156313
Ion Ratio Lower Upper
168 100
99 52.5 41.6 62.4



#2
Dichlorodifluoromethane
Concen: 6.485 ug/l
RT: 2.050 min Scan# 24
Delta R.T. 0.043 min
Lab File: VW021747.D
Acq: 05 Jan 2022 21:44

Tgt Ion: 85 Resp: 25
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.3#





#13

Acrolein

Concen: Below Cal

RT: 3.781 min Scan# 308

Delta R.T. -0.110 min

Lab File: VW021747.D

Acq: 05 Jan 2022 21:44

Instrument :

MSVOA_W

ClientSampleId :

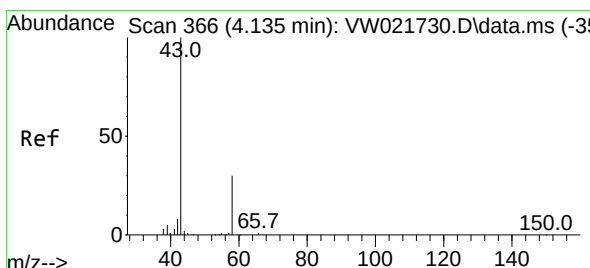
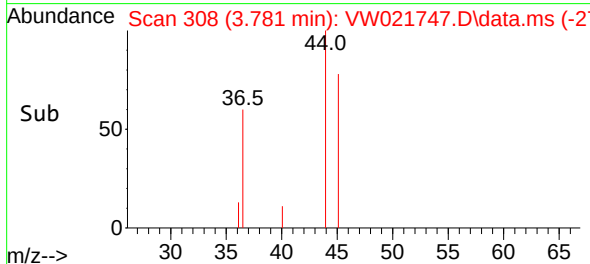
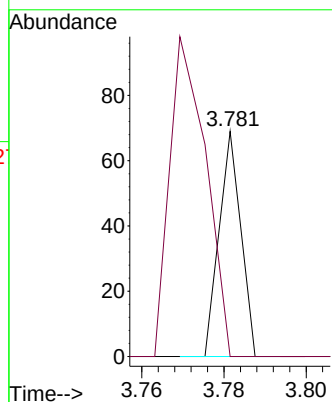
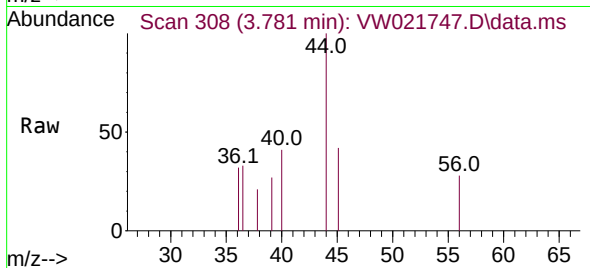
SB-11-(0-2)

Tgt Ion: 56 Resp: 25

Ion Ratio Lower Upper

56 100

55 240.0 61.2 91.8#



#16

Acetone

Concen: 2.725 ug/l

RT: 4.153 min Scan# 369

Delta R.T. 0.030 min

Lab File: VW021747.D

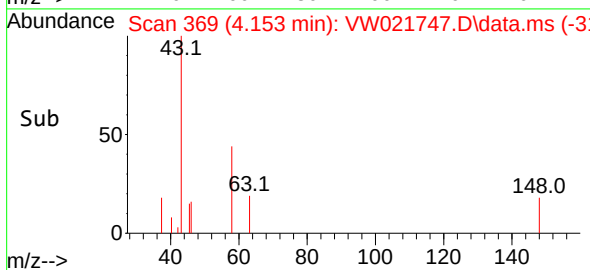
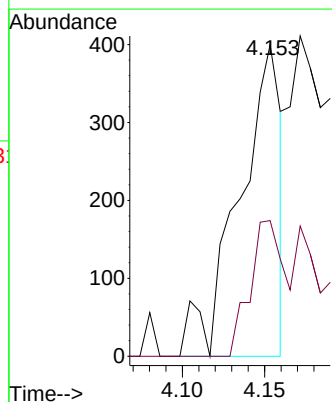
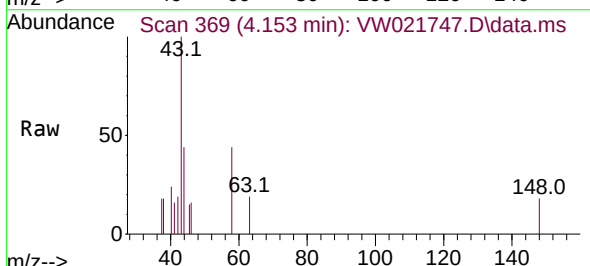
Acq: 05 Jan 2022 21:44

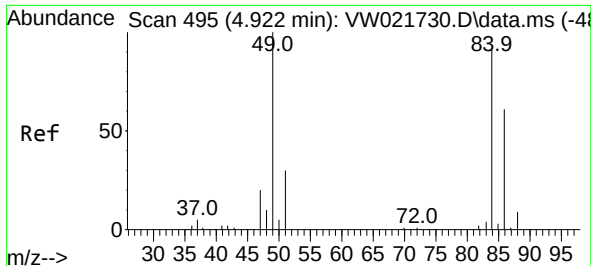
Tgt Ion: 43 Resp: 709

Ion Ratio Lower Upper

43 100

58 43.5 24.2 36.2#





#20

Methylene Chloride

Concen: 3.393 ug/l

RT: 4.909 min Scan# 493

Delta R.T. 0.000 min

Lab File: VW021747.D

Acq: 05 Jan 2022 21:44

Instrument :

MSVOA_W

ClientSampleId :

SB-11-(0-2)

Tgt Ion: 84 Resp: 22541

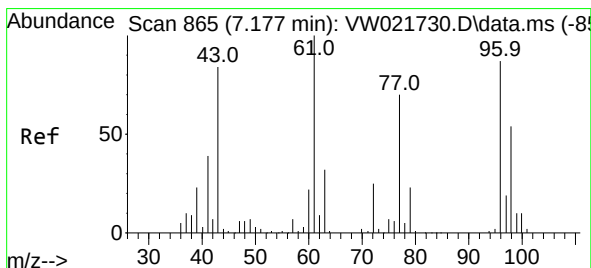
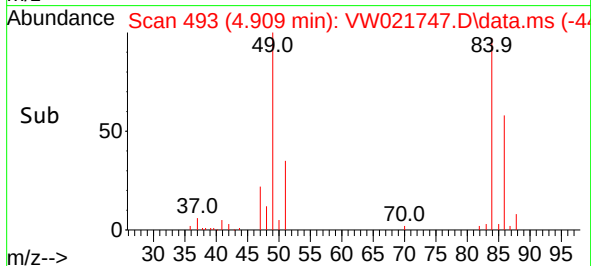
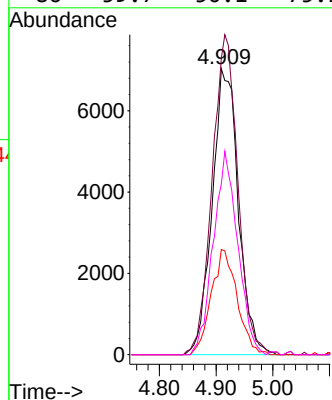
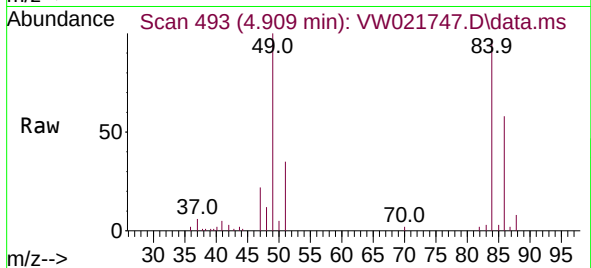
Ion Ratio Lower Upper

84 100

49 103.6 99.1 148.7

51 36.8 28.8 43.2

86 59.7 50.1 75.1



#25

2-Butanone

Concen: 1.395 ug/l

RT: 7.153 min Scan# 861

Delta R.T. -0.018 min

Lab File: VW021747.D

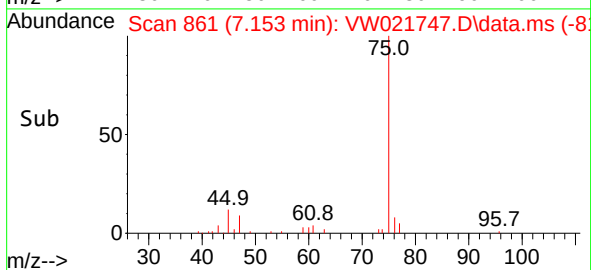
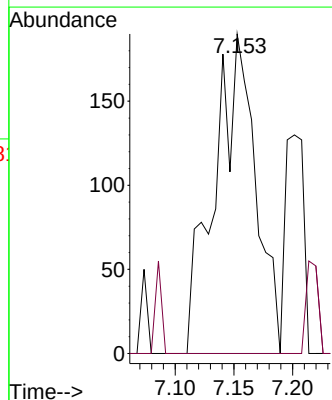
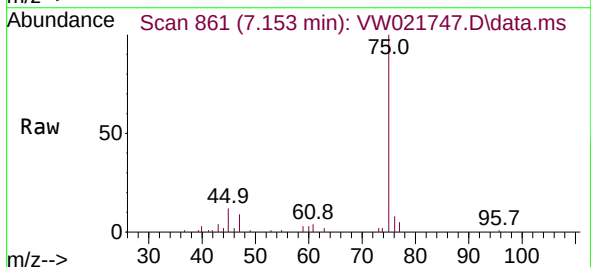
Acq: 05 Jan 2022 21:44

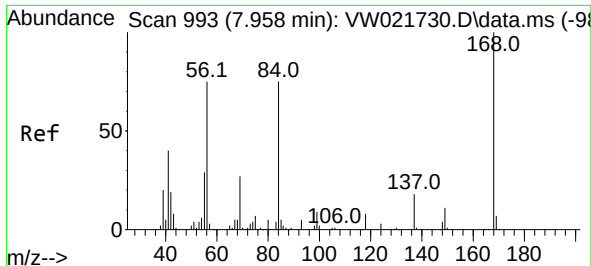
Tgt Ion: 43 Resp: 466

Ion Ratio Lower Upper

43 100

72 0.0 20.7 31.1#

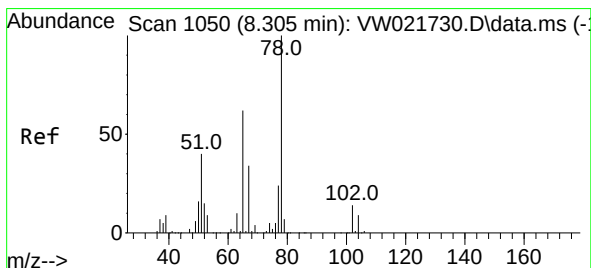
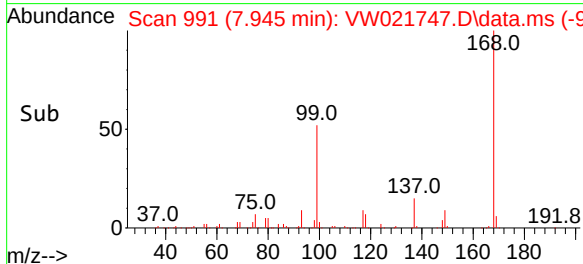
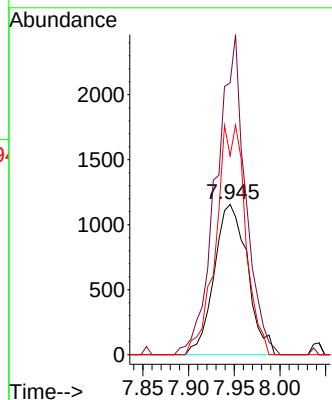
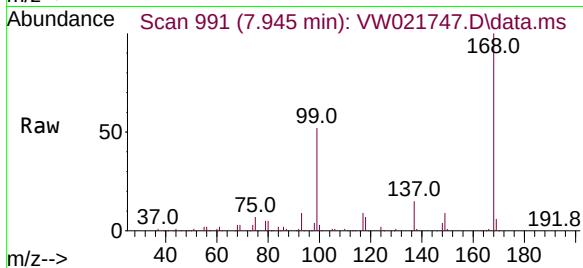




#31
Cyclohexane
Concen: 1.222 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW021747.D
Acq: 05 Jan 2022 21:44

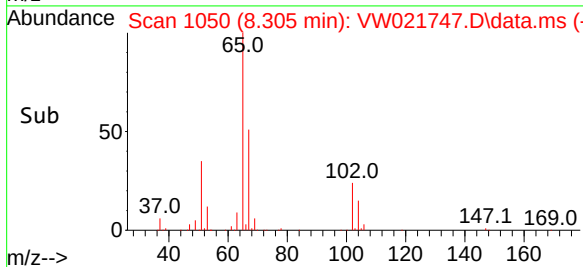
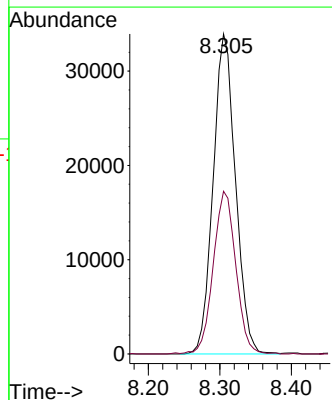
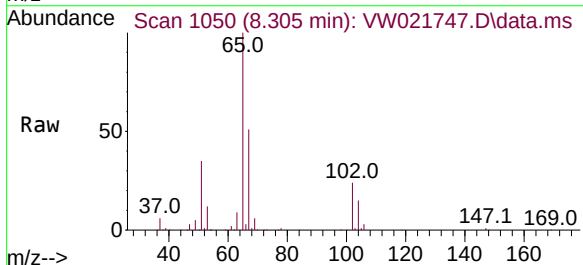
Instrument :
MSVOA_W
ClientSampleId :
SB-11-(0-2)

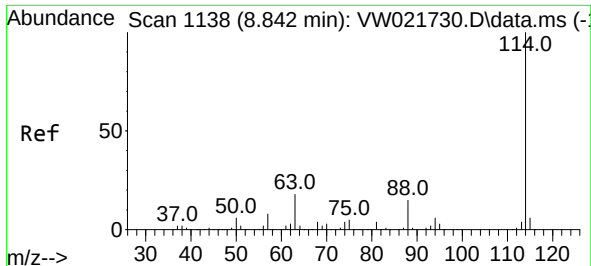
Tgt Ion: 56 Resp: 2927
Ion Ratio Lower Upper
56 100
69 180.9 28.7 43.1#
84 132.4 77.6 116.4#



#33
1,2-Dichloroethane-d4
Concen: 53.428 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW021747.D
Acq: 05 Jan 2022 21:44

Tgt Ion: 65 Resp: 73606
Ion Ratio Lower Upper
65 100
67 51.5 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: VW021747.D

Acq: 05 Jan 2022 21:44

Instrument :

MSVOA_W

ClientSampleId :

SB-11-(0-2)

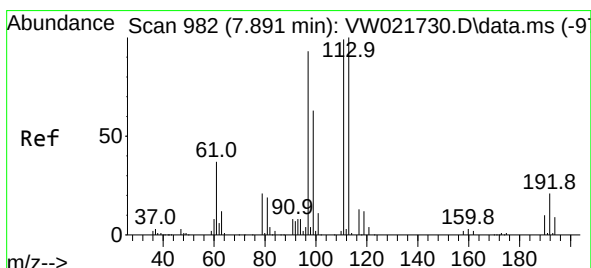
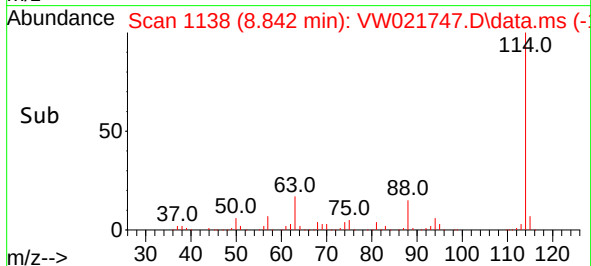
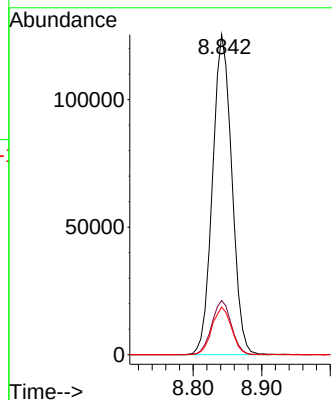
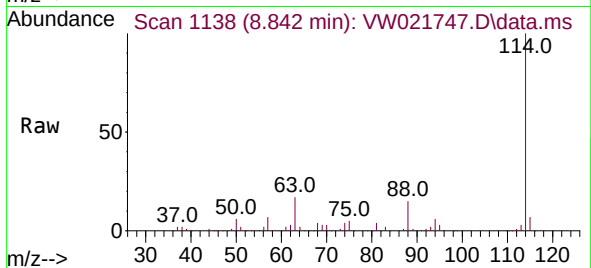
Tgt Ion:114 Resp: 245794

Ion Ratio Lower Upper

114 100

63 16.9 0.0 37.2

88 14.9 0.0 28.8



#35

Dibromofluoromethane

Concen: 50.833 ug/l

RT: 7.884 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW021747.D

Acq: 05 Jan 2022 21:44

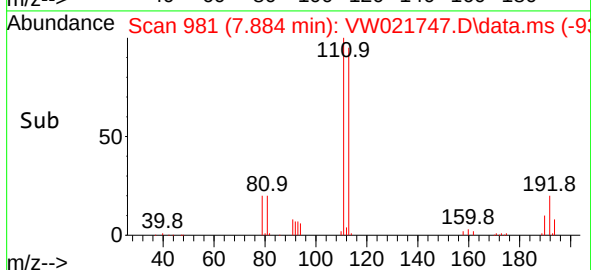
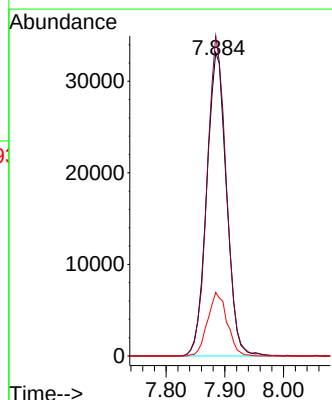
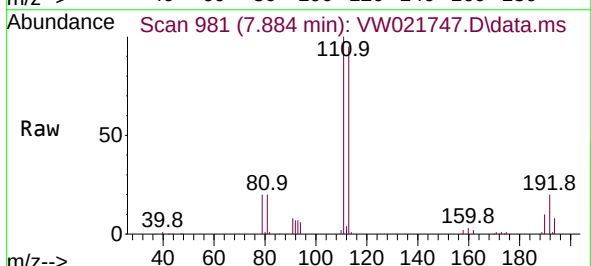
Tgt Ion:113 Resp: 77764

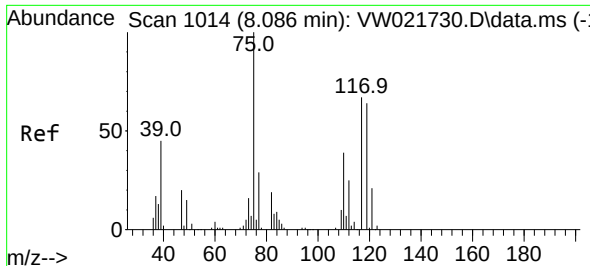
Ion Ratio Lower Upper

113 100

111 102.1 81.2 121.8

192 20.6 16.8 25.2

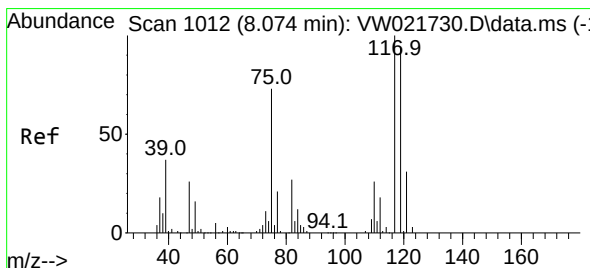
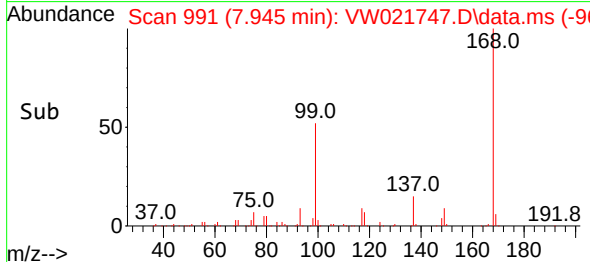
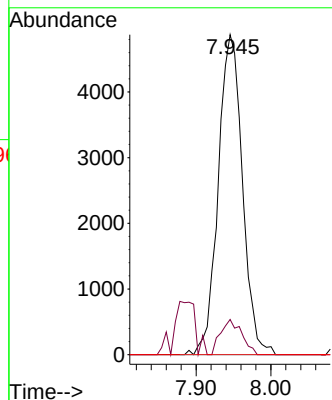
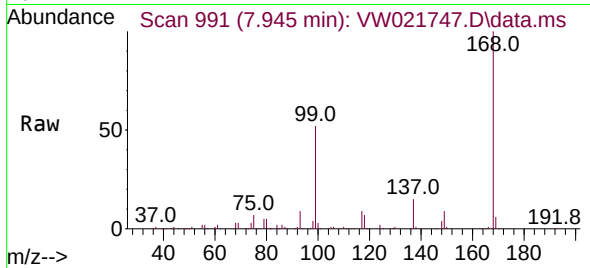




#36
 1,1-Dichloropropene
 Concen: 5.041 ug/l
 RT: 7.945 min Scan# 991
 Delta R.T. -0.141 min
 Lab File: VW021747.D
 Acq: 05 Jan 2022 21:44

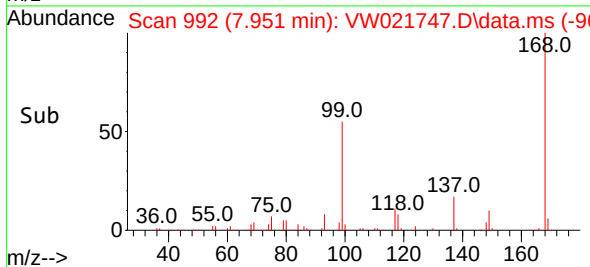
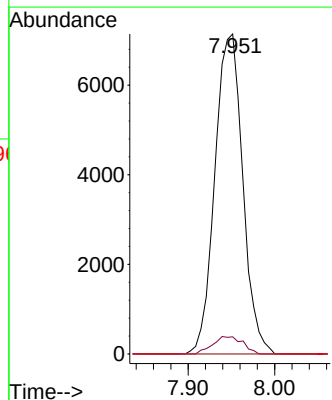
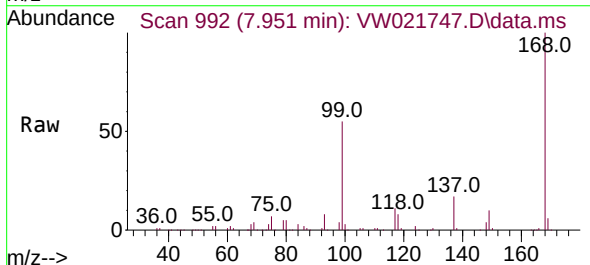
Instrument :
 MSVOA_W
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 SB-11-(0-2)

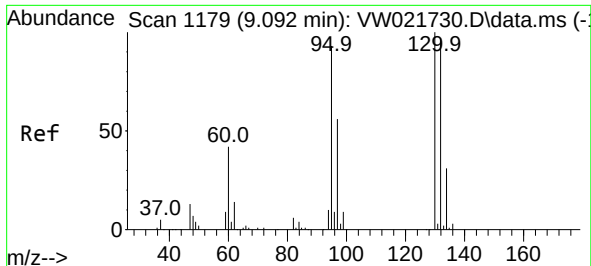
Tgt Ion: 75 Resp: 10961
 Ion Ratio Lower Upper
 75 100
 110 9.6 19.1 57.5#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.801 ug/l
 RT: 7.951 min Scan# 992
 Delta R.T. -0.116 min
 Lab File: VW021747.D
 Acq: 05 Jan 2022 21:44

Tgt Ion: 117 Resp: 15972
 Ion Ratio Lower Upper
 117 100
 119 5.3 72.0 108.0#
 121 0.0 22.6 33.8#





#44

Trichloroethene

Concen: 1.588 ug/l

RT: 9.098 min Scan# 1179

Delta R.T. 0.007 min

Lab File: VW021747.D

Acq: 05 Jan 2022 21:44

Instrument :

MSVOA_W

ClientSampleId :

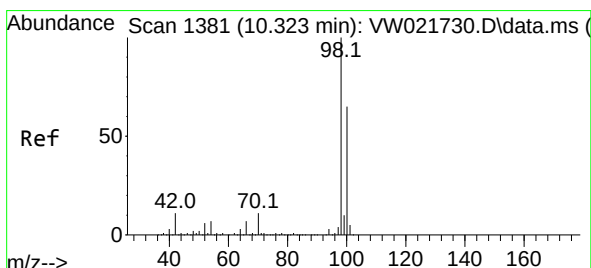
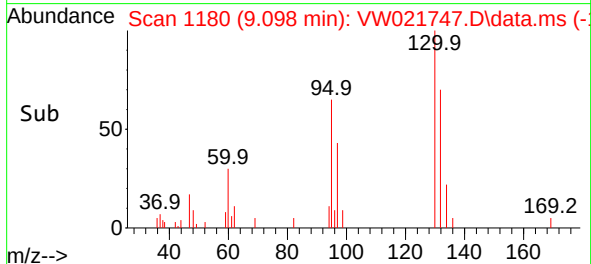
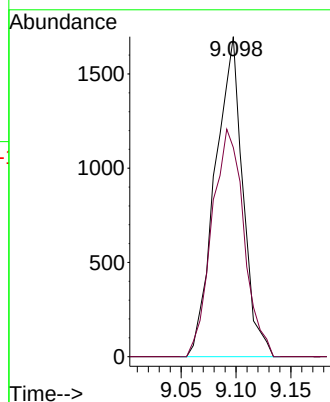
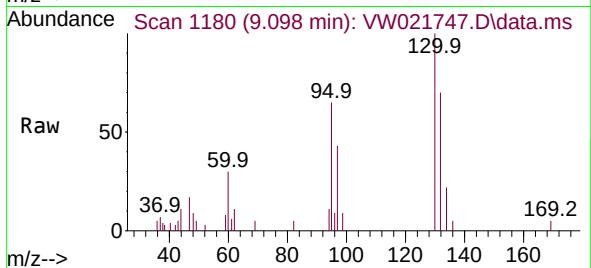
SB-11-(0-2)

Tgt Ion:130 Resp: 2985

Ion Ratio Lower Upper

130 100

95 65.4 0.0 186.6



#50

Toluene-d8

Concen: 45.285 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VW021747.D

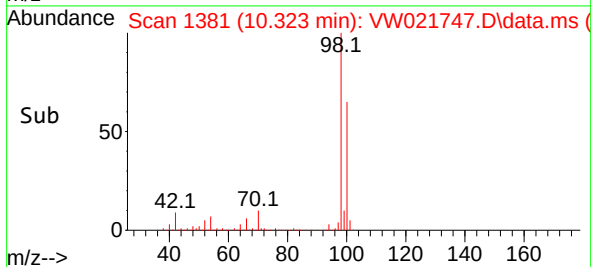
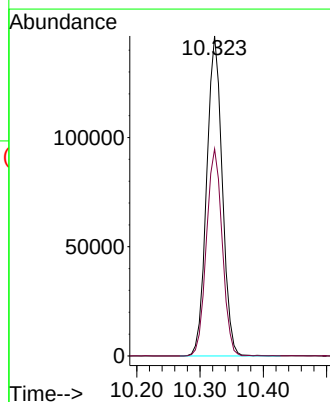
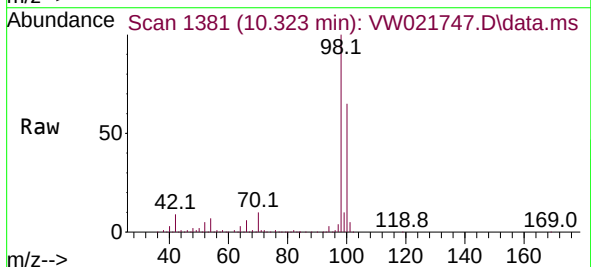
Acq: 05 Jan 2022 21:44

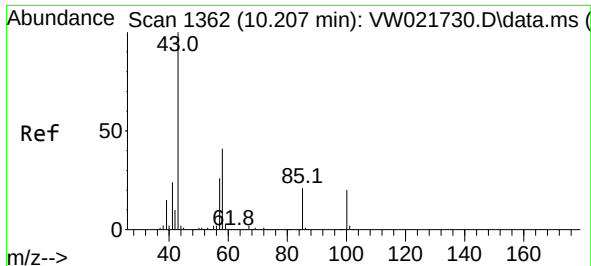
Tgt Ion: 98 Resp: 250731

Ion Ratio Lower Upper

98 100

100 65.5 52.6 79.0

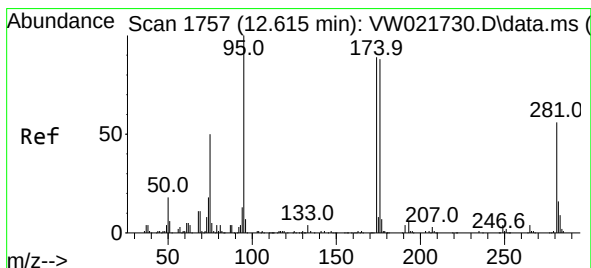
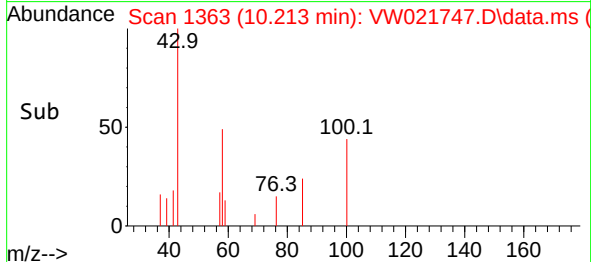
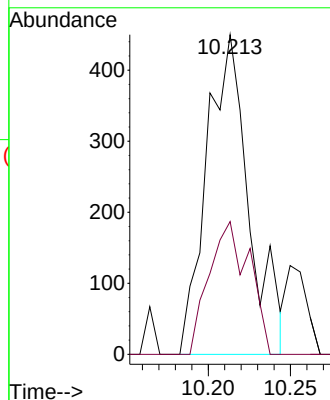
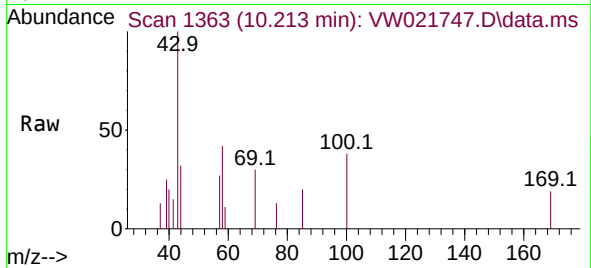




#51
4-Methyl-2-Pentanone
Concen: 1.132 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW021747.D
Acq: 05 Jan 2022 21:44

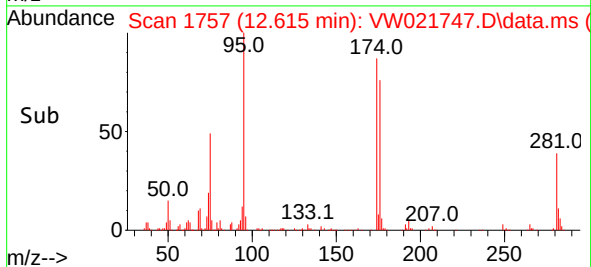
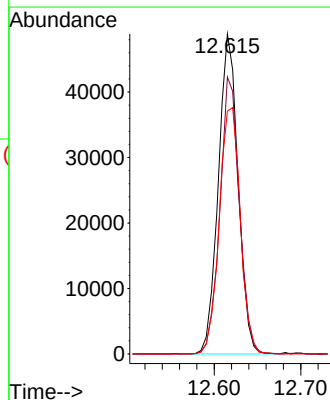
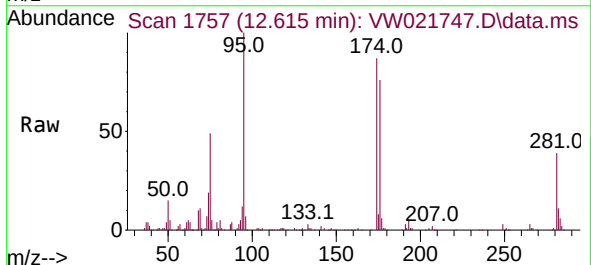
Instrument :
MSVOA_W
ClientSampleId :
SB-11-(0-2)

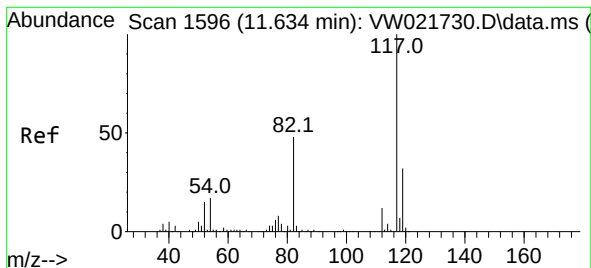
Tgt Ion: 43 Resp: 805
Ion Ratio Lower Upper
43 100
58 39.5 30.9 46.3



#62
4-Bromofluorobenzene
Concen: 37.645 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW021747.D
Acq: 05 Jan 2022 21:44

Tgt Ion: 95 Resp: 77368
Ion Ratio Lower Upper
95 100
174 85.0 0.0 171.2
176 82.0 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.628 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021747.D

Acq: 05 Jan 2022 21:44

Instrument :

MSVOA_W

ClientSampleId :

SB-11-(0-2)

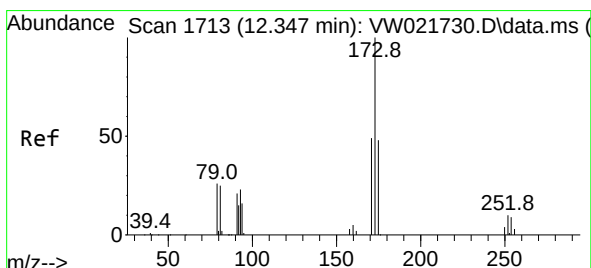
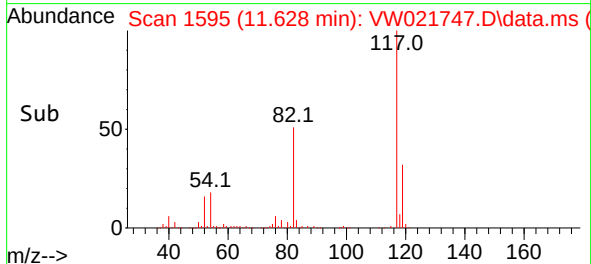
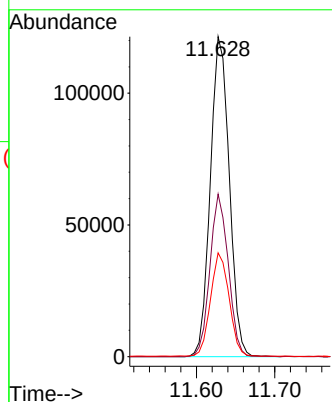
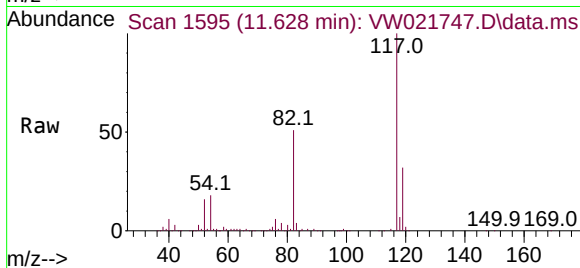
Tgt Ion:117 Resp: 204059

Ion Ratio Lower Upper

117 100

82 50.8 41.4 62.2

119 32.3 27.2 40.8



#71

Bromoform

Concen: 4.325 ug/l

RT: 12.585 min Scan# 1752

Delta R.T. 0.238 min

Lab File: VW021747.D

Acq: 05 Jan 2022 21:44

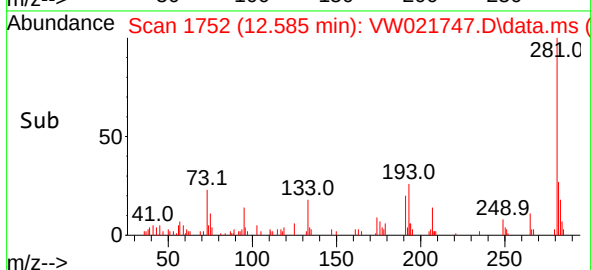
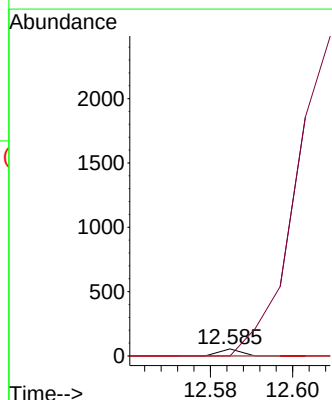
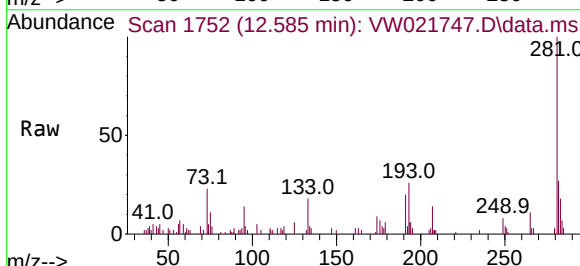
Tgt Ion:173 Resp: 20

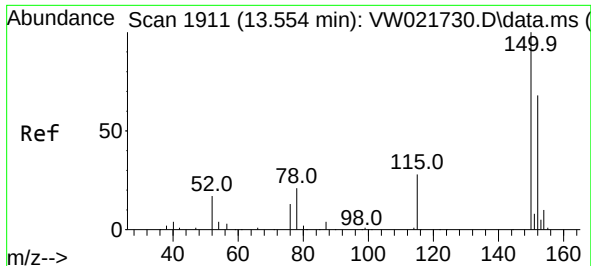
Ion Ratio Lower Upper

173 100

175 0.0 25.1 75.3#

254 0.0 0.0 0.0

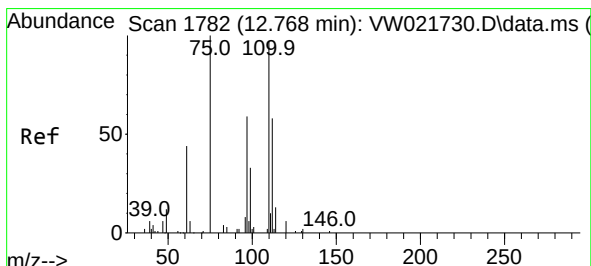
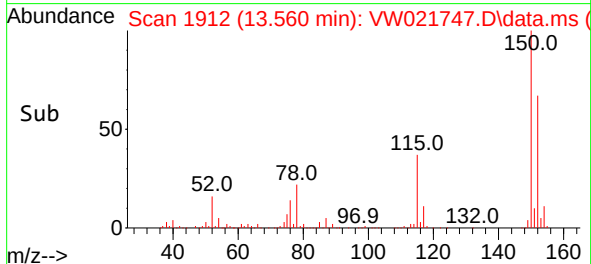
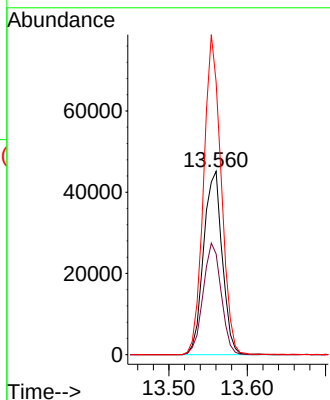
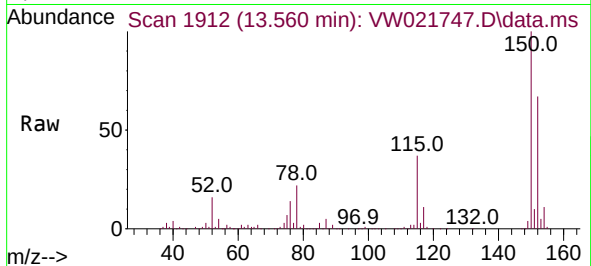




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VW021747.D
Acq: 05 Jan 2022 21:44

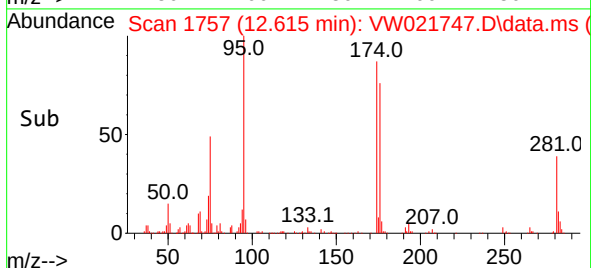
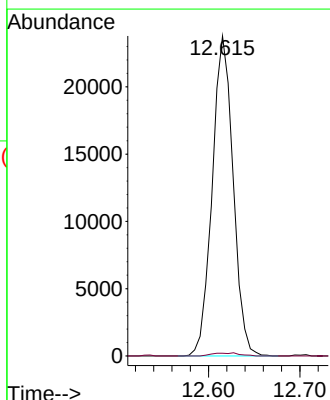
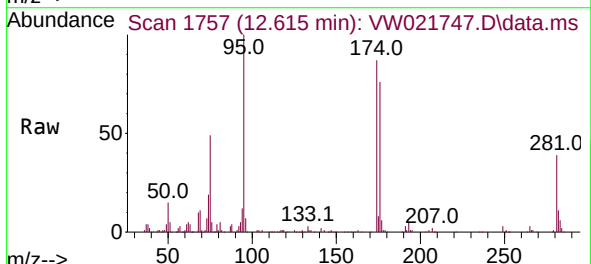
Instrument :
MSVOA_W
ClientSampleId :
SB-11-(0-2)

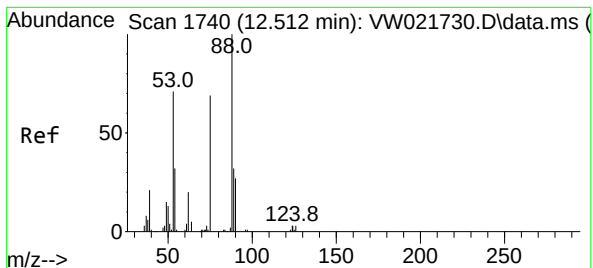
Tgt Ion:152 Resp: 74474
Ion Ratio Lower Upper
152 100
115 58.9 27.8 83.3
150 163.9 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 68.611 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW021747.D
Acq: 05 Jan 2022 21:44

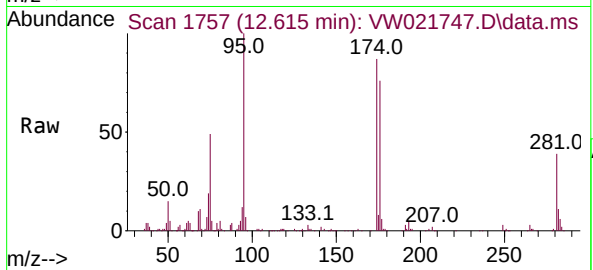
Tgt Ion: 75 Resp: 37795
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 194.671 ug/l
 RT: 12.615 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VW021747.D
 Acq: 05 Jan 2022 21:44

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11-(0-2)



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

