

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110221\
 Data File : VW020743.D
 Acq On : 02 Nov 2021 16:02
 Operator : SY/VA
 Sample : VW1102SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBL01

Quant Time: Nov 03 02:20:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W110121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 02 04:55:07 2021
 Response via : Initial Calibration

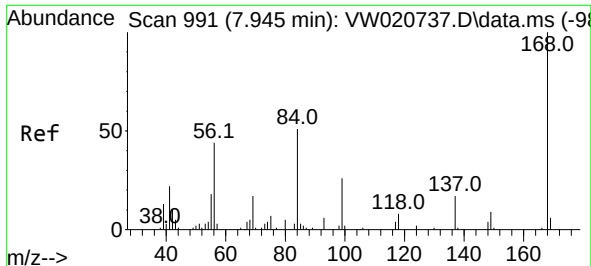
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.945	168	28589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	49392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	45821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	23515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	14383	66.139	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.280%	
35) Dibromofluoromethane	7.884	113	16113	51.331	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.660%	
50) Toluene-d8	10.323	98	52144	47.696	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.400%	
62) 4-Bromofluorobenzene	12.615	95	16592	43.072	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.140%	
Target Compounds						
20) Methylene Chloride	4.928	84	1899	Below Cal	Qvalue 97	
31) Cyclohexane	7.939	56	598	Below Cal	#	27
36) 1,1-Dichloropropene	7.939	75	2226	5.600	ug/l #	44
38) Carbon Tetrachloride	7.945	117	2888	6.786	ug/l #	15
40) Benzene	8.390	78	1358	1.186	ug/l	98
51) 4-Methyl-2-Pentanone	10.317	43	119	17.835	ug/l #	1
76) 1,2,3-Trichloropropane	12.615	75	8789	48.266	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.615	75	8789	105.686	ug/l #	15
95) Naphthalene	15.365	128	21	2.054	ug/l #	69

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

Quant Time: Nov 03 02:20:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W110121S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 02 04:55:07 2021
Response via : Initial Calibration

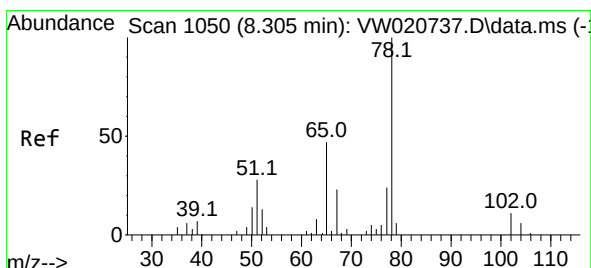
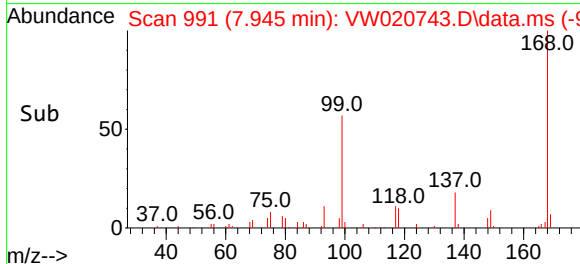
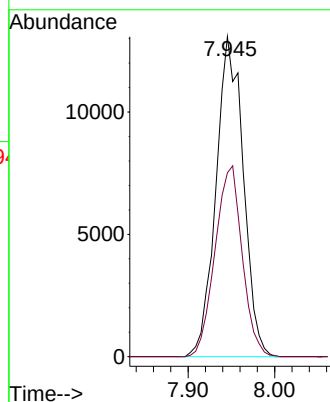
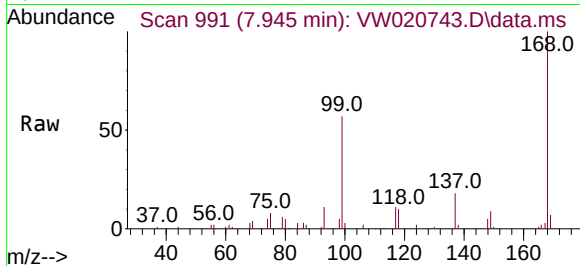




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW020743.D
Acq: 02 Nov 2021 16:02

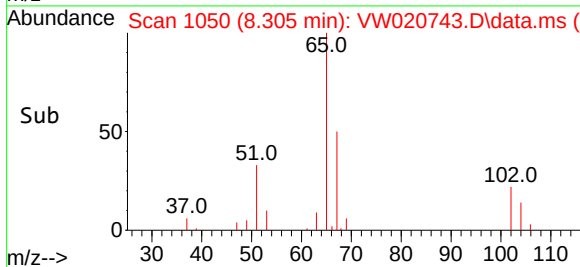
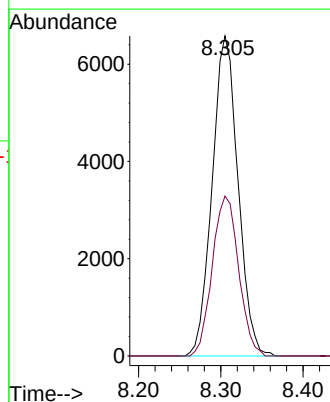
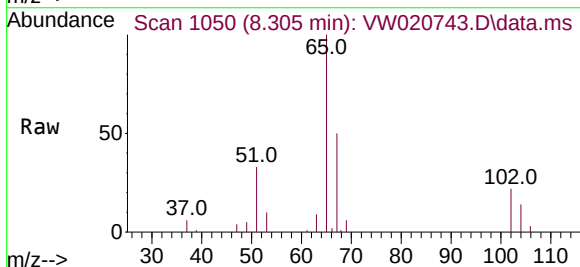
Instrument :
MSVOA_W
ClientSampleId :
VW1102SBL01

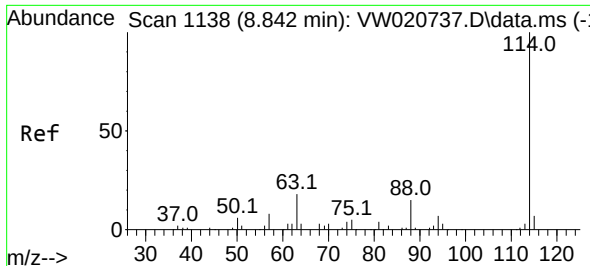
Tgt Ion:168 Resp: 28589
Ion Ratio Lower Upper
168 100
99 57.4 42.6 63.8



#33
1,2-Dichloroethane-d4
Concen: 66.139 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020743.D
Acq: 02 Nov 2021 16:02

Tgt Ion: 65 Resp: 14383
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.8

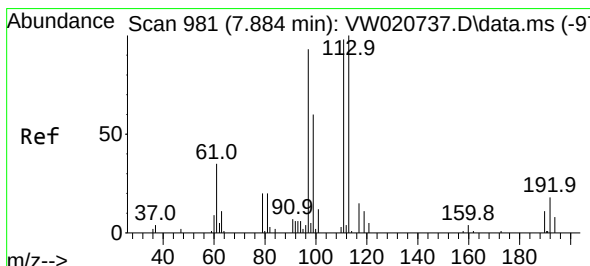
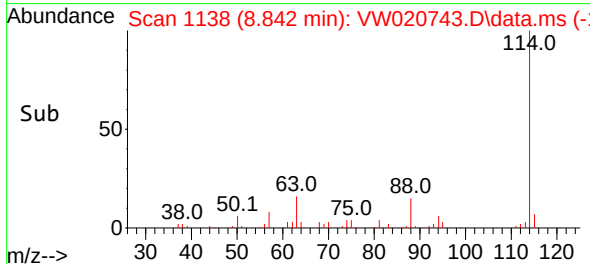
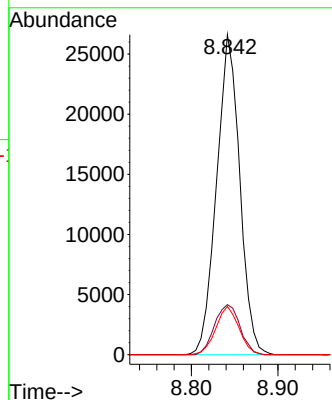
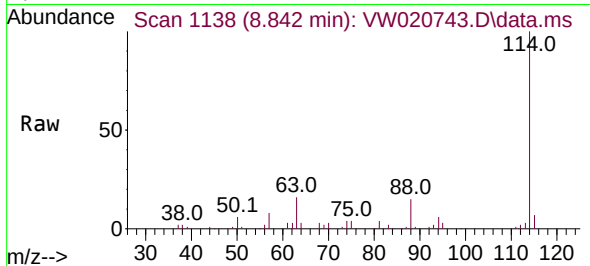




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW020743.D
Acq: 02 Nov 2021 16:02

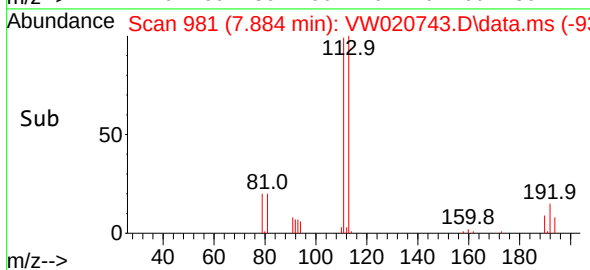
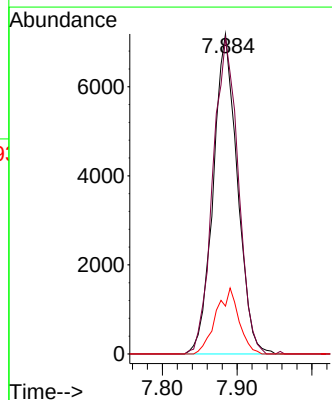
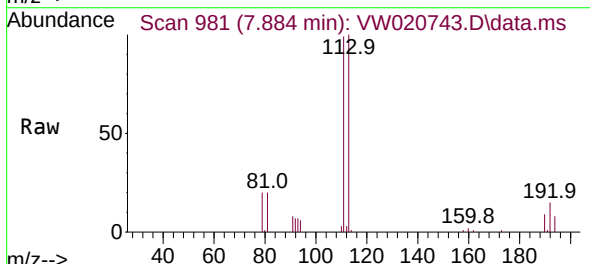
Instrument :
MSVOA_W
ClientSampleId :
VW1102SBL01

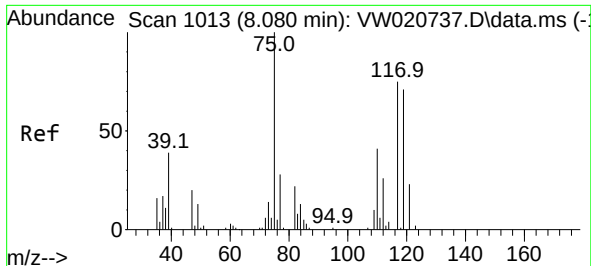
Tgt Ion:114 Resp: 49392
Ion Ratio Lower Upper
114 100
63 15.7 0.0 35.8
88 15.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 51.331 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW020743.D
Acq: 02 Nov 2021 16:02

Tgt Ion:113 Resp: 16113
Ion Ratio Lower Upper
113 100
111 103.4 81.7 122.5
192 19.5 14.7 22.1





#36

1,1-Dichloropropene

Concen: 5.600 ug/l

RT: 7.939 min Scan# 990

Delta R.T. -0.140 min

Lab File: VW020743.D

Acq: 02 Nov 2021 16:02

Instrument :

MSVOA_W

ClientSampleId :

VW1102SBL01

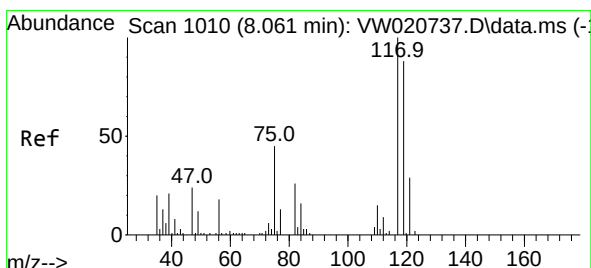
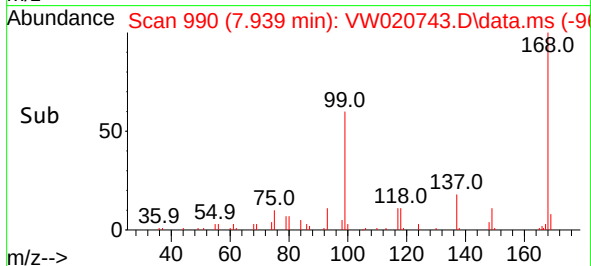
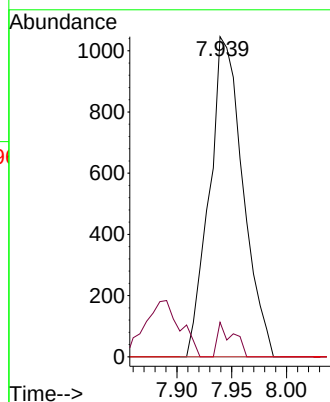
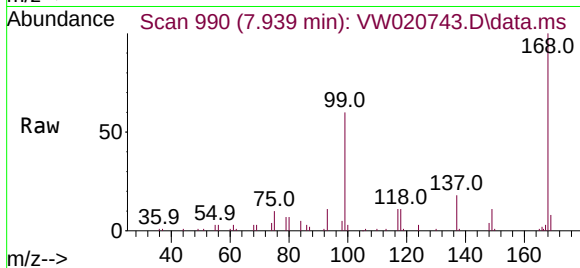
Tgt Ion: 75 Resp: 2226

Ion Ratio Lower Upper

75 100

110 5.1 20.3 60.8#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 6.786 ug/l

RT: 7.945 min Scan# 991

Delta R.T. -0.116 min

Lab File: VW020743.D

Acq: 02 Nov 2021 16:02

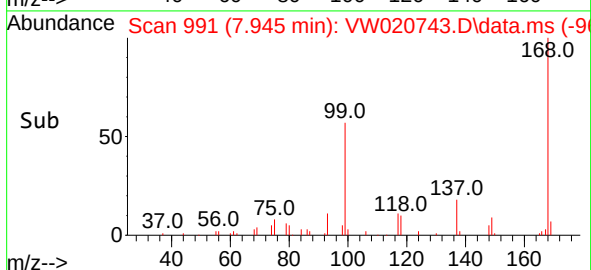
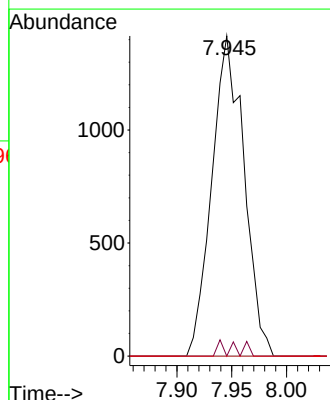
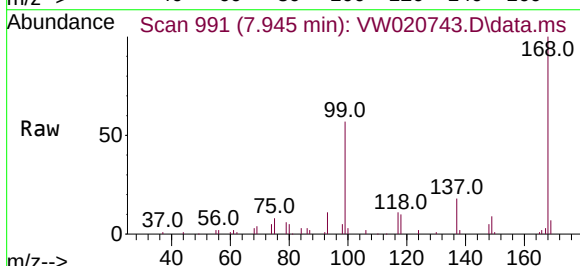
Tgt Ion: 117 Resp: 2888

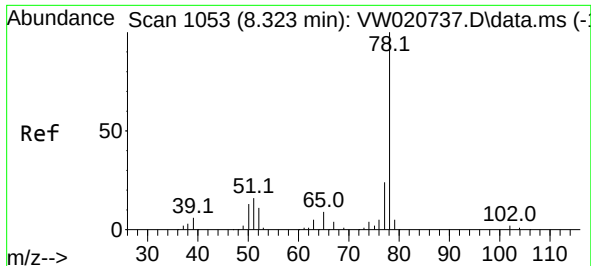
Ion Ratio Lower Upper

117 100

119 0.0 70.6 106.0#

121 0.0 23.3 34.9#

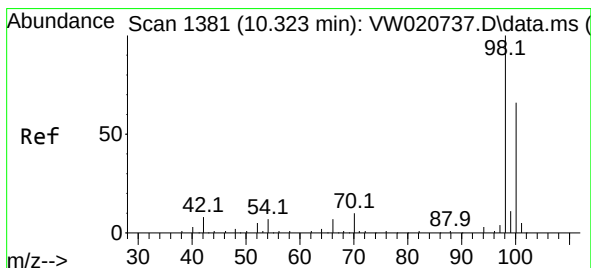
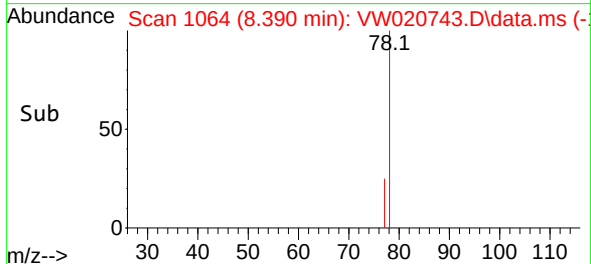
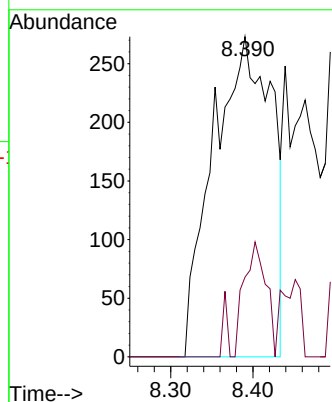
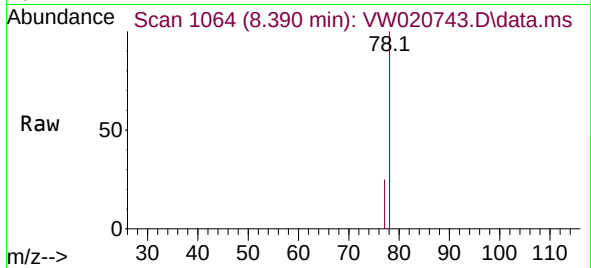




#40
Benzene
Concen: 1.186 ug/l
RT: 8.390 min Scan# 1064
Delta R.T. 0.067 min
Lab File: VW020743.D
Acq: 02 Nov 2021 16:02

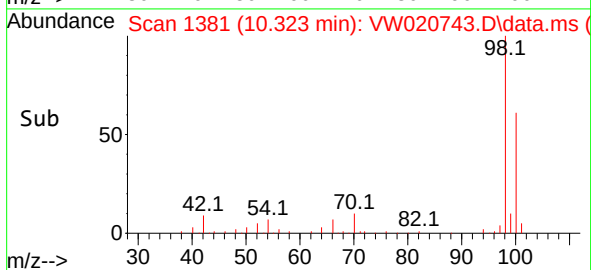
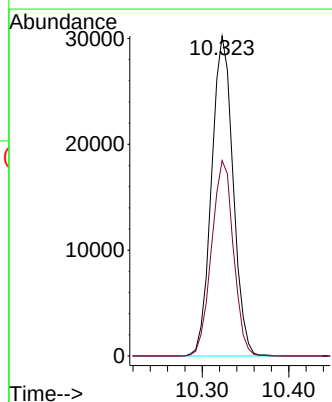
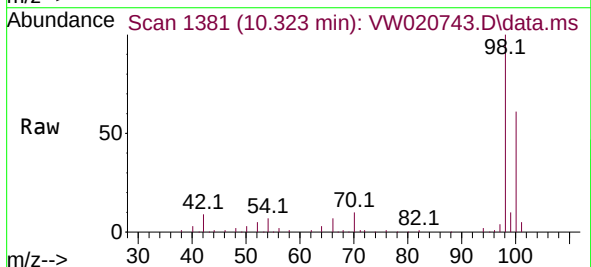
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VW1102SBL01

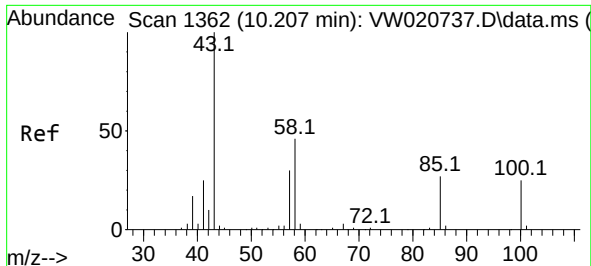
Tgt Ion: 78 Resp: 1358
Ion Ratio Lower Upper
78 100
77 24.9 19.0 28.4



#50
Toluene-d8
Concen: 47.696 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW020743.D
Acq: 02 Nov 2021 16:02

Tgt Ion: 98 Resp: 52144
Ion Ratio Lower Upper
98 100
100 62.0 50.2 75.4





#51

4-Methyl-2-Pentanone

Concen: 17.835 ug/l

RT: 10.317 min Scan# 11

Delta R.T. 0.110 min

Lab File: VW020743.D

Acq: 02 Nov 2021 16:02

Instrument :

MSVOA_W

ClientSampleId :

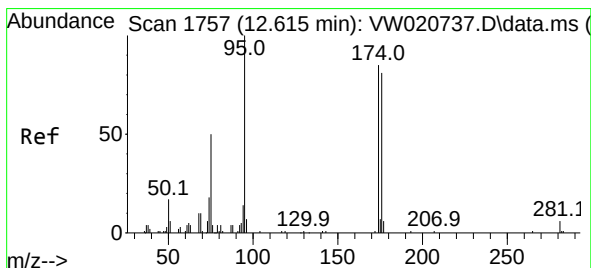
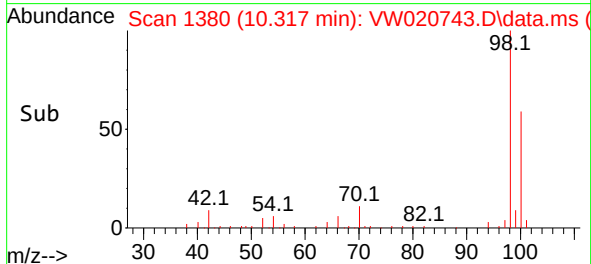
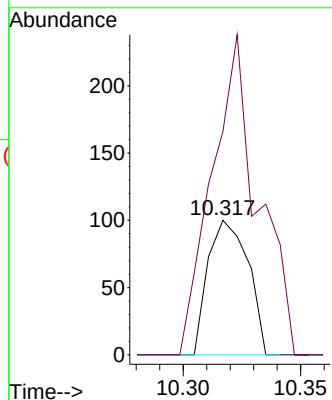
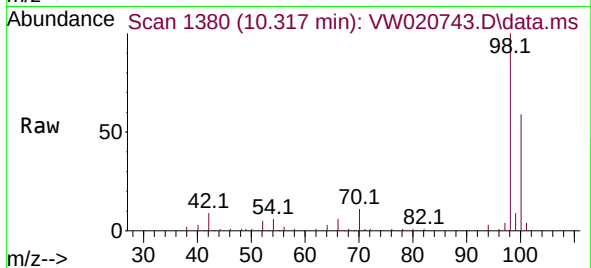
VW1102SBL01

Tgt Ion: 43 Resp: 119

Ion Ratio Lower Upper

43 100

58 273.1 37.4 56.2#



#62

4-Bromofluorobenzene

Concen: 43.072 ug/l

RT: 12.615 min Scan# 1757

Delta R.T. -0.000 min

Lab File: VW020743.D

Acq: 02 Nov 2021 16:02

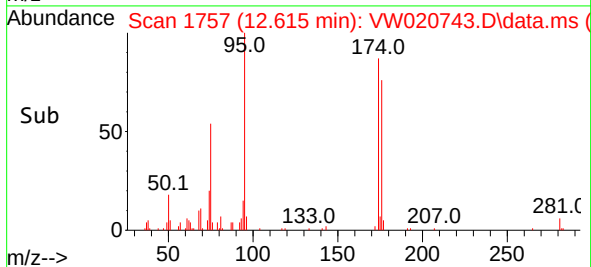
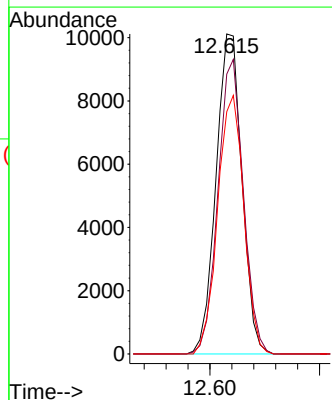
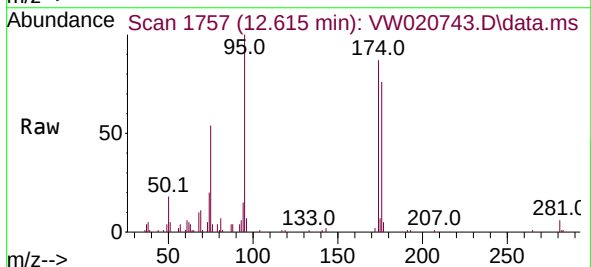
Tgt Ion: 95 Resp: 16592

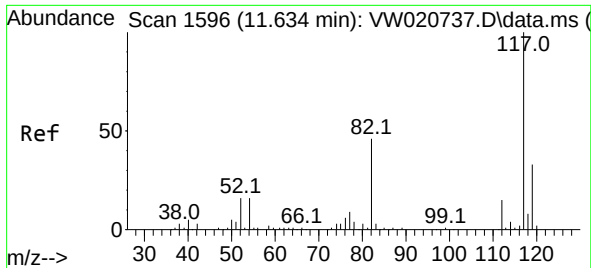
Ion Ratio Lower Upper

95 100

174 90.4 0.0 182.8

176 81.5 0.0 170.4

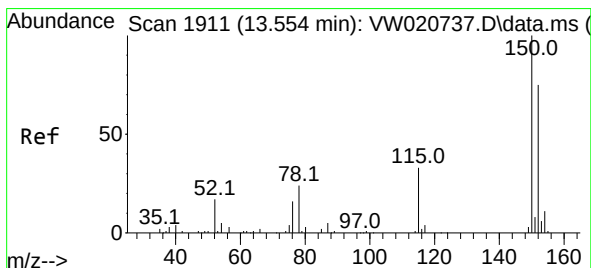
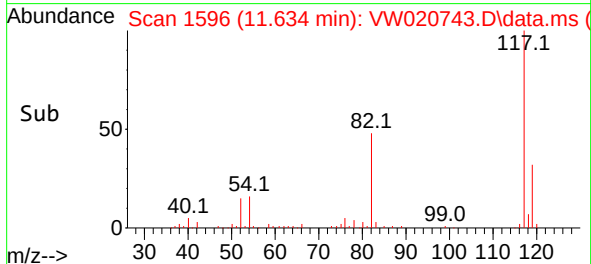
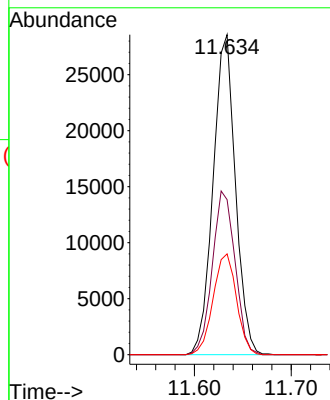
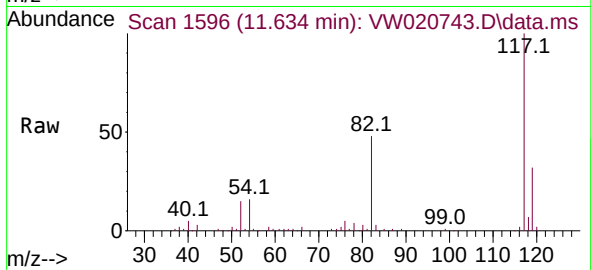




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020743.D
Acq: 02 Nov 2021 16:02

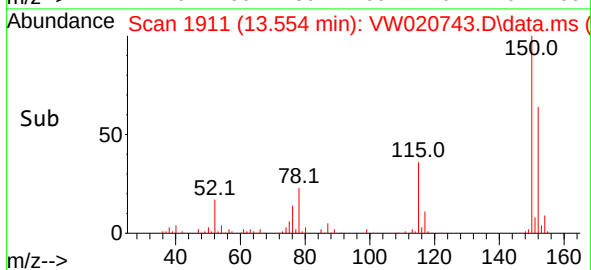
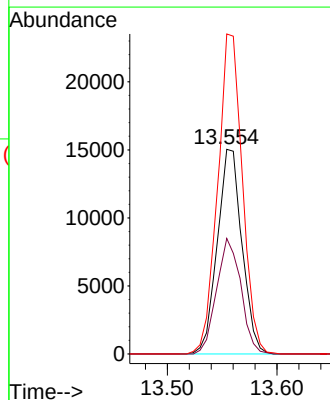
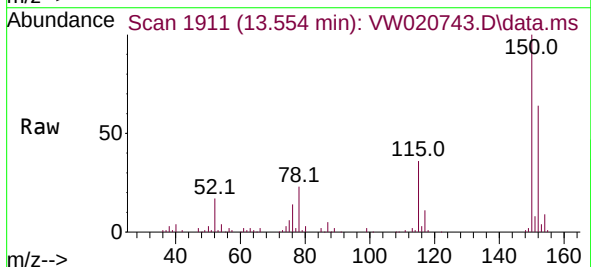
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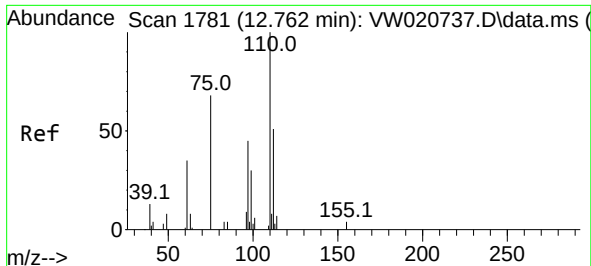
Tgt Ion:117 Resp: 45821
Ion Ratio Lower Upper
117 100
82 48.4 37.0 55.4
119 31.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VW020743.D
Acq: 02 Nov 2021 16:02

Tgt Ion:152 Resp: 23515
Ion Ratio Lower Upper
152 100
115 55.4 26.6 79.8
150 156.5 0.0 333.0

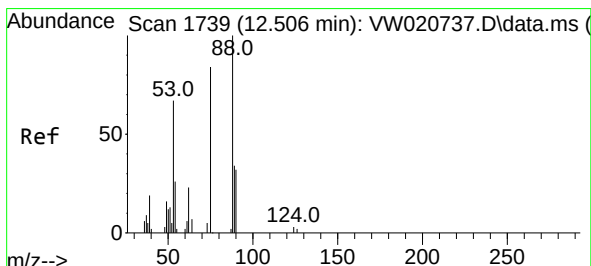
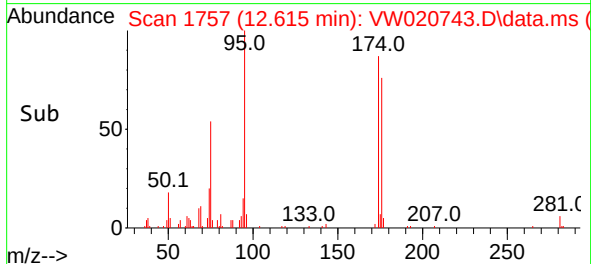
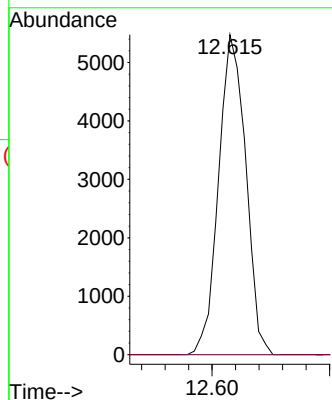
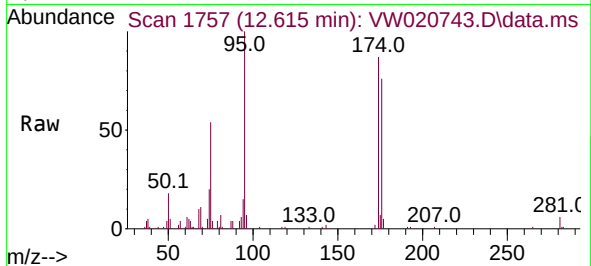




#76
1,2,3-Trichloropropane
Concen: 48.266 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.146 min
Lab File: VW020743.D
Acq: 02 Nov 2021 16:02

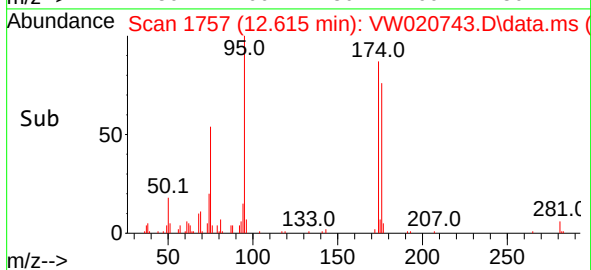
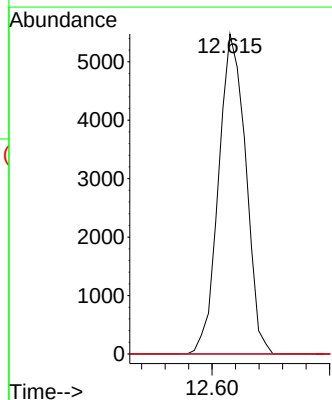
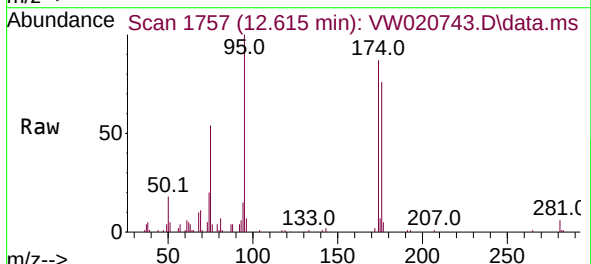
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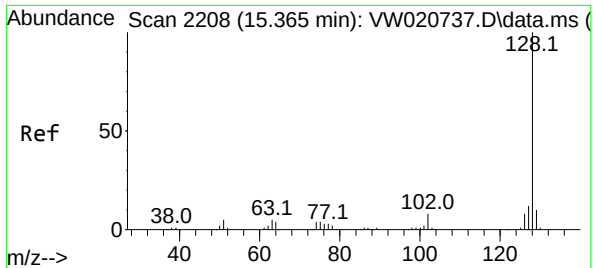
Tgt Ion: 75 Resp: 8789
Ion Ratio Lower Upper
75 100
77 0.0 143.3 430.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.686 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.109 min
Lab File: VW020743.D
Acq: 02 Nov 2021 16:02

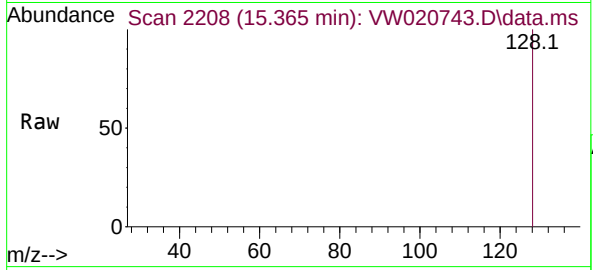
Tgt Ion: 75 Resp: 8789
Ion Ratio Lower Upper
75 100
53 0.0 67.7 101.5#
89 0.0 37.5 56.3#





#95
Naphthalene
Concen: 2.054 ug/l
RT: 15.365 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW020743.D
Acq: 02 Nov 2021 16:02

Instrument :
MSVOA_W
ClientSampleId :
VW1102SBL01



Tgt Ion:128 Resp: 21

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	8.5	12.7#

