

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020872.D
 Acq On : 12 Nov 2021 22:48
 Operator : SY/VA
 Sample : M4577-01
 Misc : 5.02g/5mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 15 00:13:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 13 07:30:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	39648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	60393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.627	117	52080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	26352	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	18975	57.873	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.740%
35) Dibromofluoromethane	7.884	113	17786	52.679	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.360%
50) Toluene-d8	10.323	98	60097	45.494	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.980%
62) 4-Bromofluorobenzene	12.615	95	22573	47.364	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.720%

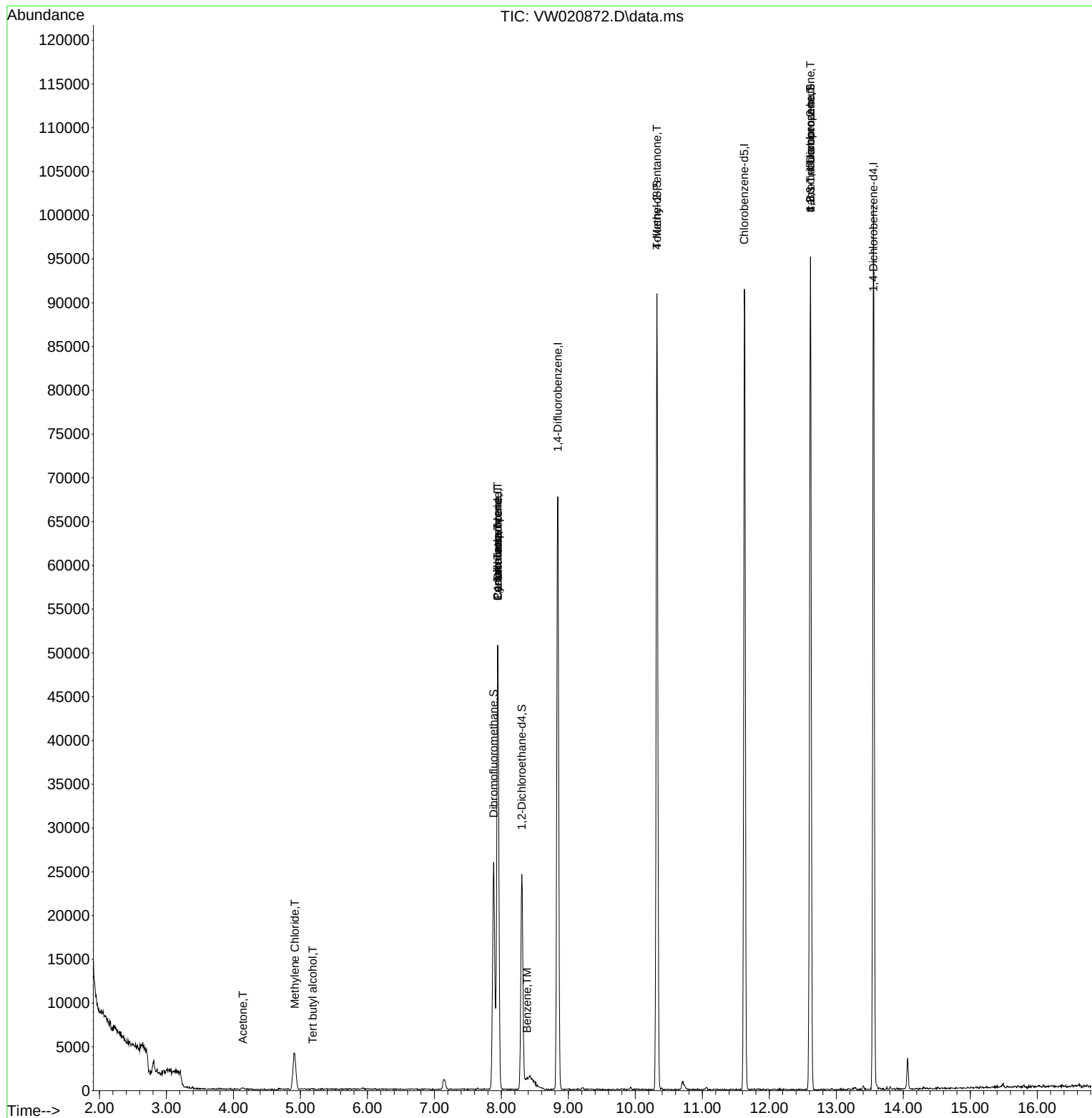
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.183	59	82	3.637	ug/l #	84
16) Acetone	4.141	43	566	10.476	ug/l #	44
20) Methylene Chloride	4.915	84	3232	8.351	ug/l	96
31) Cyclohexane	7.945	56	813	1.382	ug/l #	42
36) 1,1-Dichloropropene	7.945	75	2801	5.611	ug/l #	50
38) Carbon Tetrachloride	7.945	117	3836	7.336	ug/l #	20
40) Benzene	8.384	78	2272	1.700	ug/l	93
51) 4-Methyl-2-Pentanone	10.323	43	275	1.130	ug/l #	1
76) 1,2,3-Trichloropropane	12.615	75	12241	60.415	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	12241	118.922	ug/l #	8

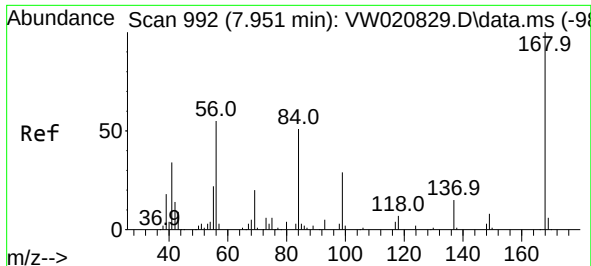
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
Data File : VW020872.D
Acq On : 12 Nov 2021 22:48
Operator : SY/VA
Sample : M4577-01
Misc : 5.02g/5mL/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

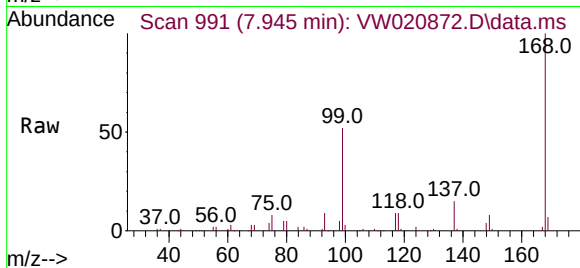
Quant Time: Nov 15 00:13:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 13 07:30:48 2021
Response via : Initial Calibration



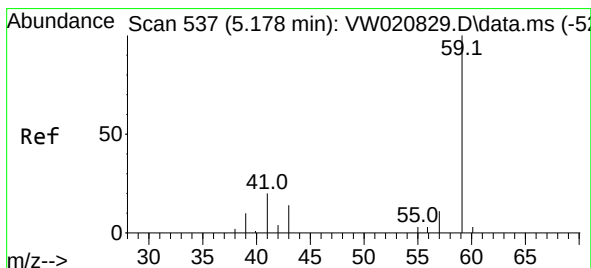
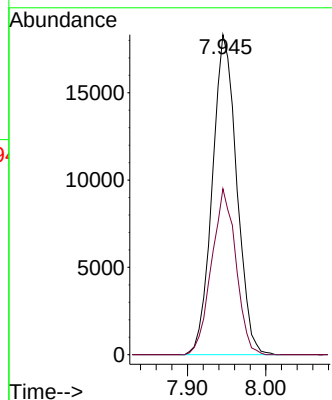
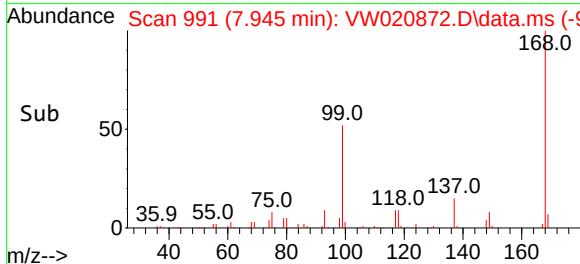


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW020872.D
Acq: 12 Nov 2021 22:48

Instrument :
MSVOA_W
ClientSampleId :

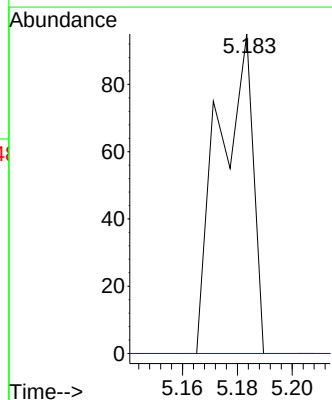
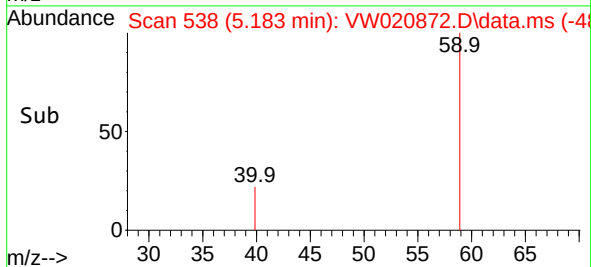
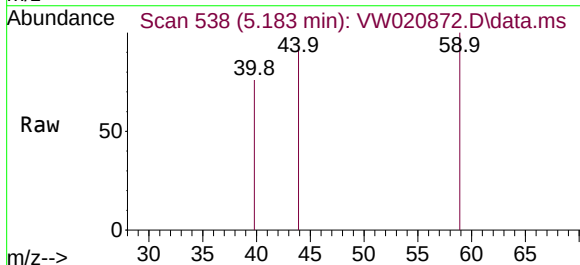


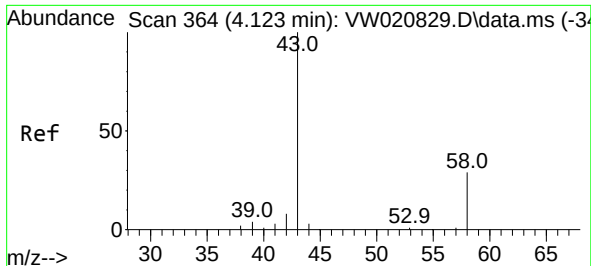
Tgt Ion:168 Resp: 39648
Ion Ratio Lower Upper
168 100
99 51.8 45.4 68.0



#11
Tert butyl alcohol
Concen: 3.637 ug/l
RT: 5.183 min Scan# 538
Delta R.T. 0.005 min
Lab File: VW020872.D
Acq: 12 Nov 2021 22:48

Tgt Ion: 59 Resp: 82
Ion Ratio Lower Upper
59 100
57 0.0 4.2 6.2#

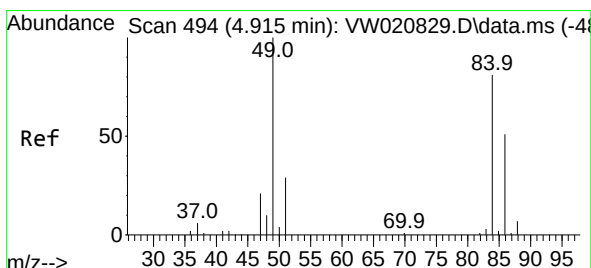
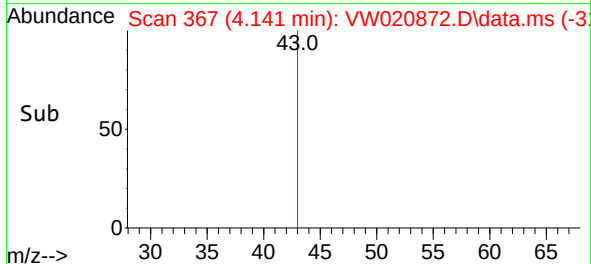
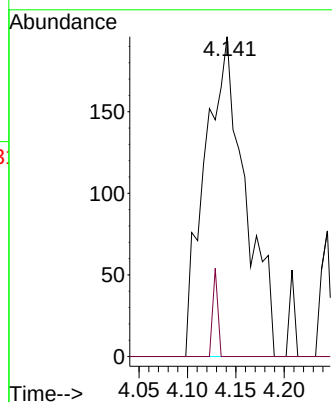
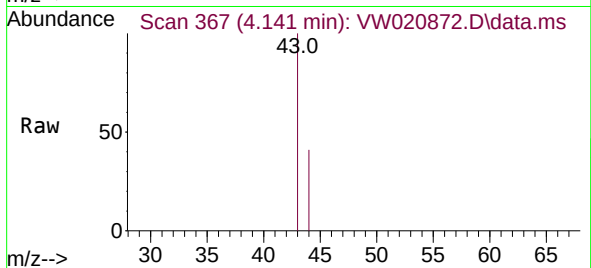




#16
Acetone
Concen: 10.476 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW020872.D
Acq: 12 Nov 2021 22:48

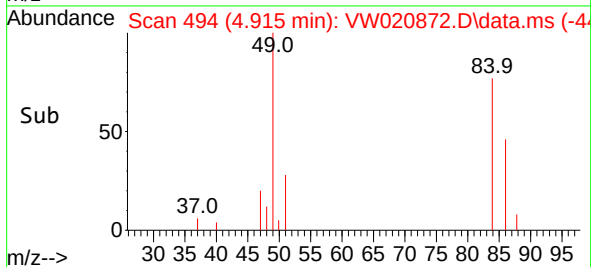
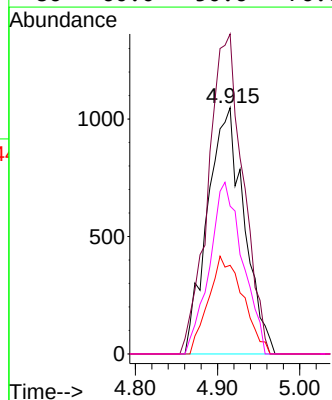
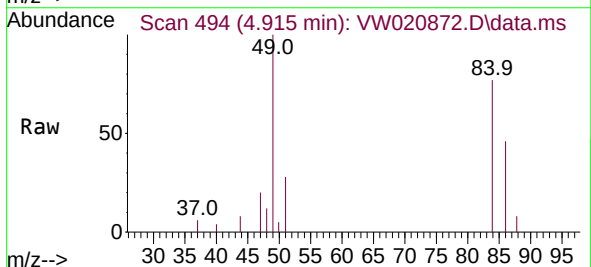
Instrument :
MSVOA_W
ClientSampleId :

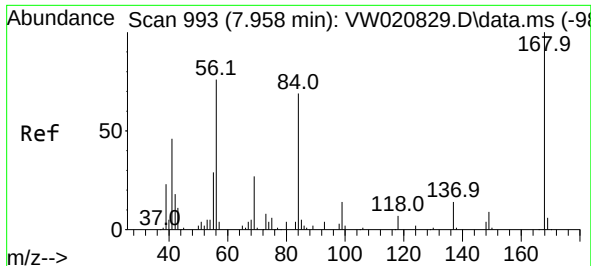
Tgt Ion: 43 Resp: 566
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#20
Methylene Chloride
Concen: 8.351 ug/l
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020872.D
Acq: 12 Nov 2021 22:48

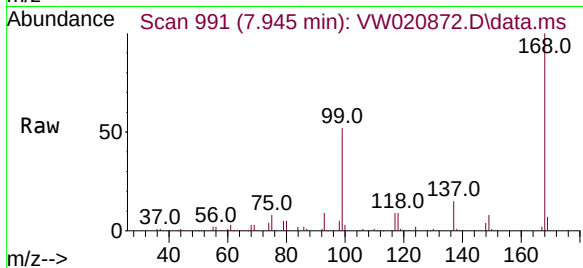
Tgt Ion: 84 Resp: 3232
Ion Ratio Lower Upper
84 100
49 130.0 100.0 150.0
51 36.0 30.8 46.2
86 60.0 50.6 76.0



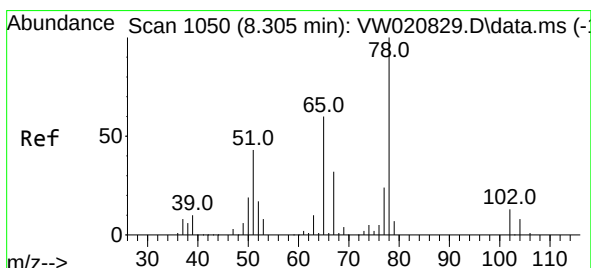
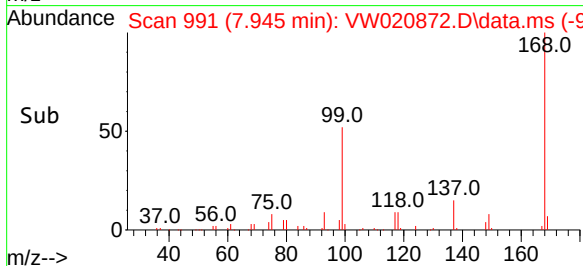
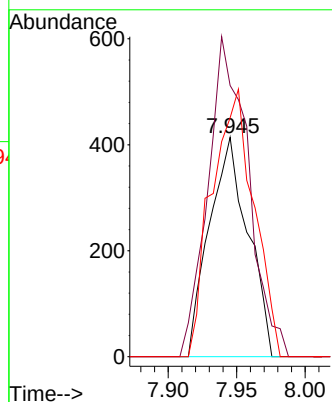


#31
Cyclohexane
Concen: 1.382 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW020872.D
Acq: 12 Nov 2021 22:48

Instrument :
MSVOA_W
ClientSampleId :

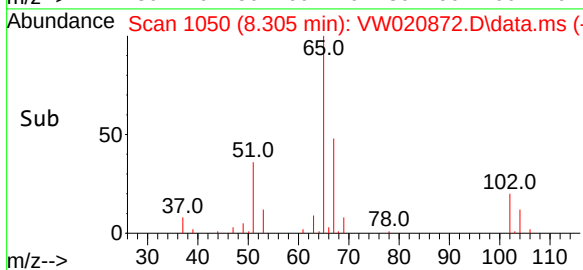
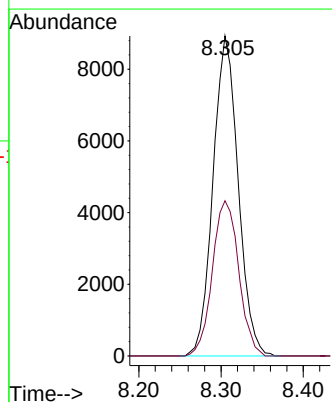
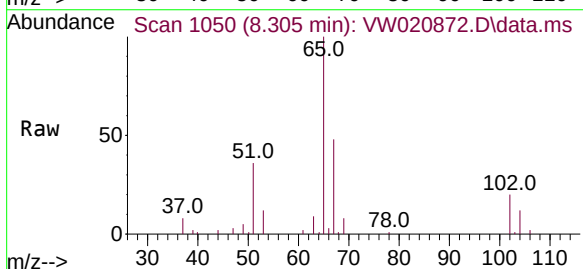


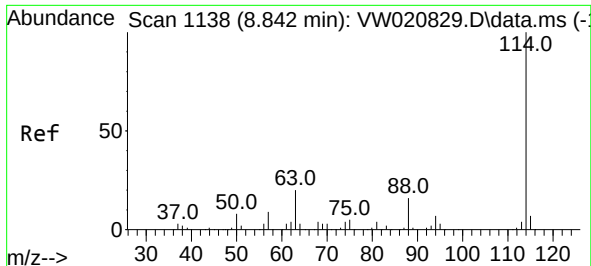
Tgt Ion: 56 Resp: 813
Ion Ratio Lower Upper
56 100
69 123.7 27.2 40.8#
84 108.9 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 57.873 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW020872.D
Acq: 12 Nov 2021 22:48

Tgt Ion: 65 Resp: 18975
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.841 min Scan# 1138

Delta R.T. -0.000 min

Lab File: VW020872.D

Acq: 12 Nov 2021 22:48

Instrument :

MSVOA_W

ClientSampleId :

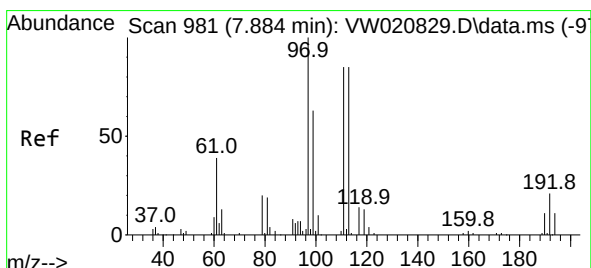
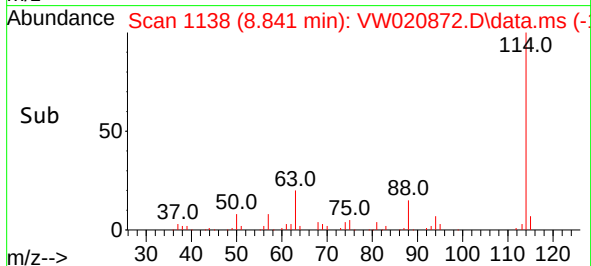
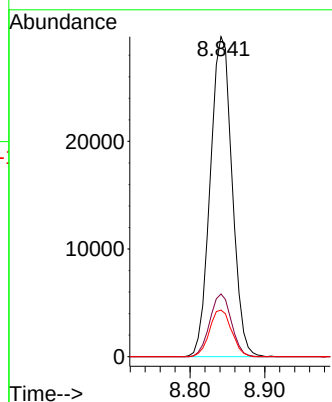
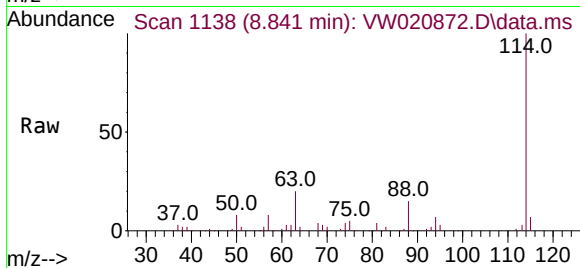
Tgt Ion:114 Resp: 60393

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.8

88 14.6 0.0 33.0



#35

Dibromofluoromethane

Concen: 52.679 ug/l

RT: 7.884 min Scan# 981

Delta R.T. -0.000 min

Lab File: VW020872.D

Acq: 12 Nov 2021 22:48

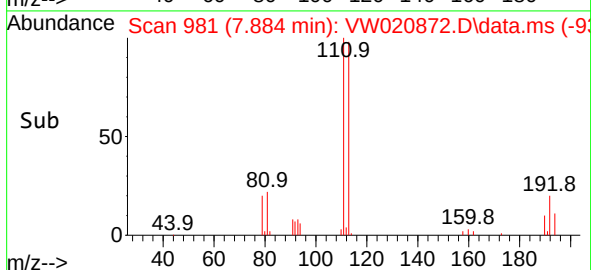
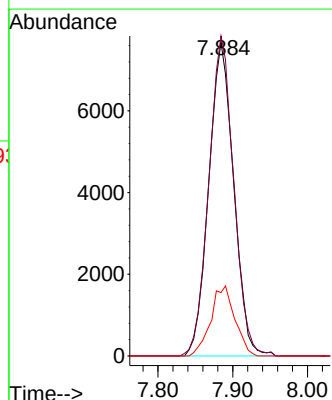
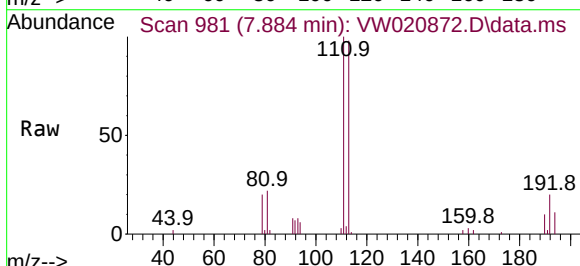
Tgt Ion:113 Resp: 17786

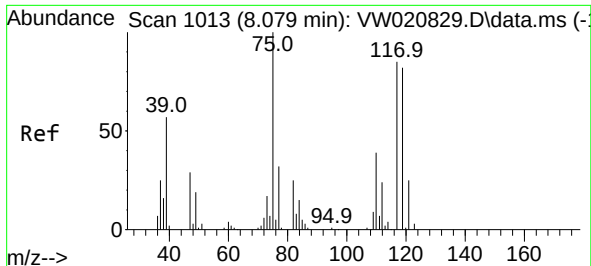
Ion Ratio Lower Upper

113 100

111 102.2 82.1 123.1

192 21.7 17.8 26.8





#36

1,1-Dichloropropene

Concen: 5.611 ug/l

RT: 7.945 min Scan# 991

Delta R.T. -0.134 min

Lab File: VW020872.D

Acq: 12 Nov 2021 22:48

Instrument :

MSVOA_W

ClientSampleId :

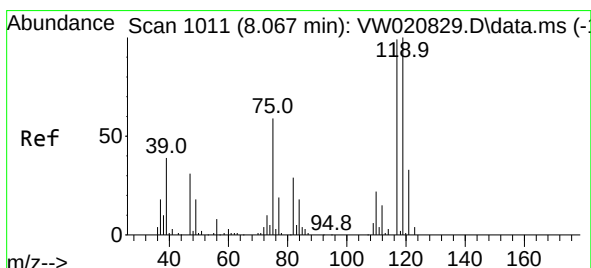
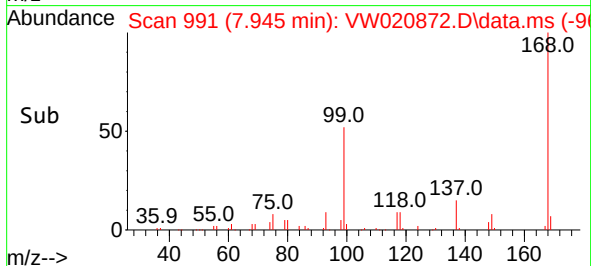
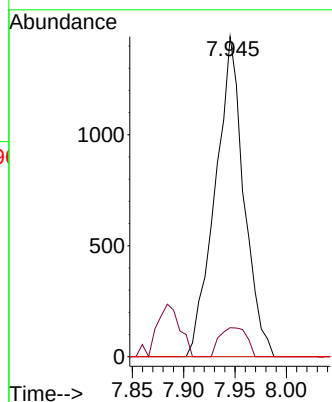
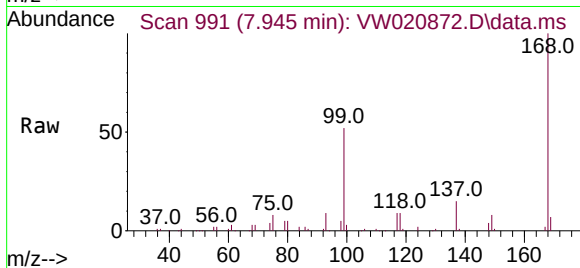
Tgt Ion: 75 Resp: 2801

Ion Ratio Lower Upper

75 100

110 8.6 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 7.336 ug/l

RT: 7.945 min Scan# 991

Delta R.T. -0.122 min

Lab File: VW020872.D

Acq: 12 Nov 2021 22:48

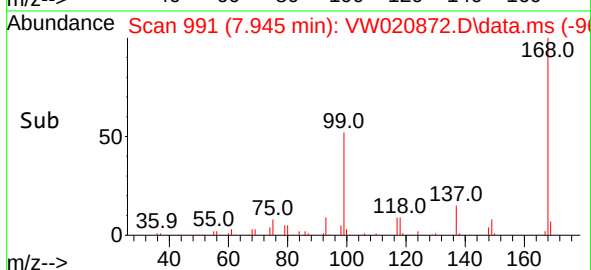
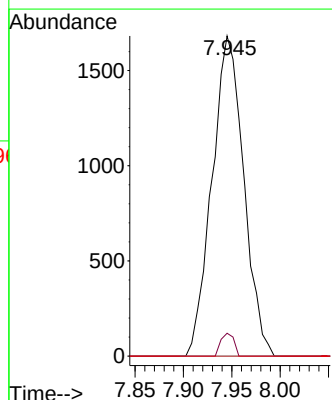
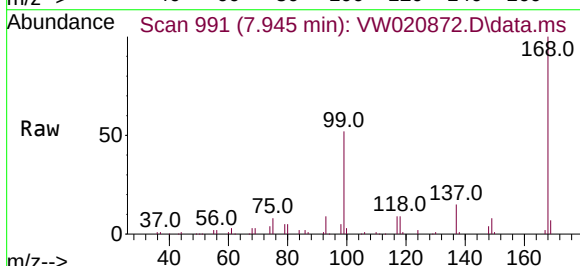
Tgt Ion: 117 Resp: 3836

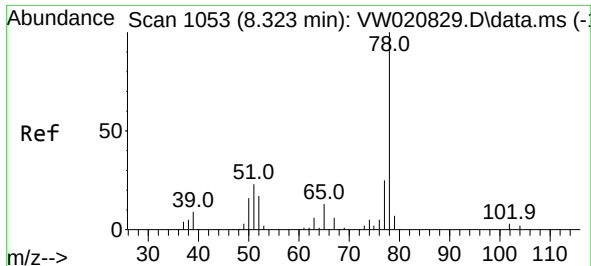
Ion Ratio Lower Upper

117 100

119 7.1 72.9 109.3#

121 0.0 23.4 35.0#

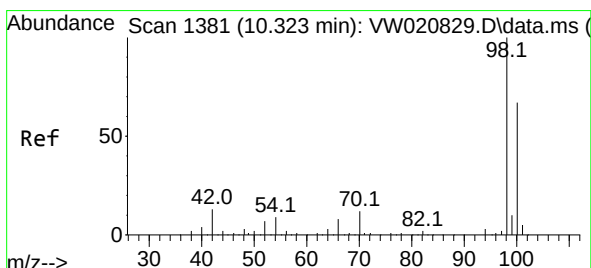
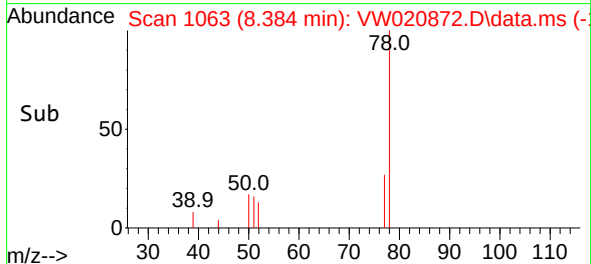
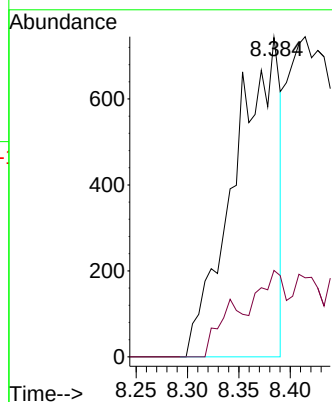
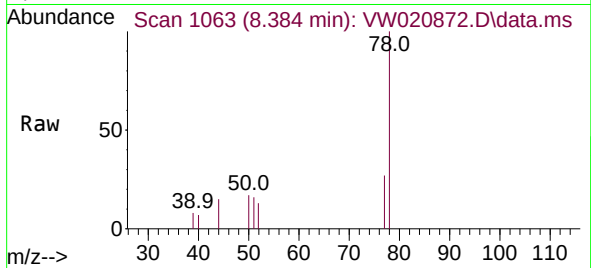




#40
Benzene
Concen: 1.700 ug/l
RT: 8.384 min Scan# 1063
Delta R.T. 0.061 min
Lab File: VW020872.D
Acq: 12 Nov 2021 22:48

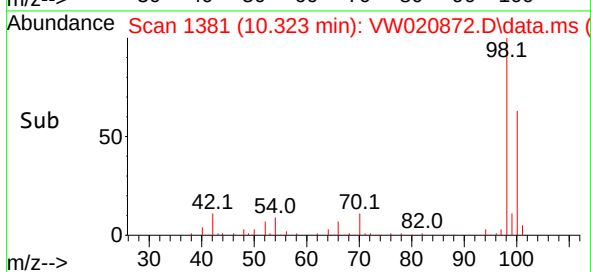
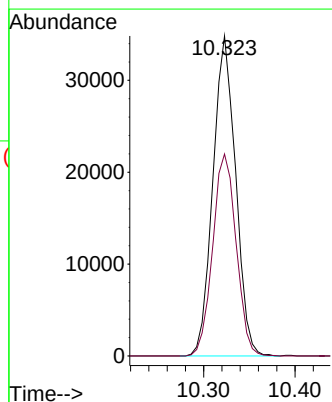
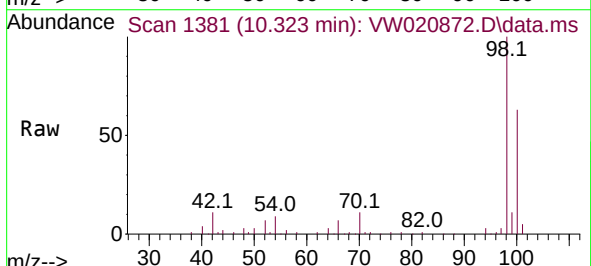
Instrument :
MSVOA_W
ClientSampleId :

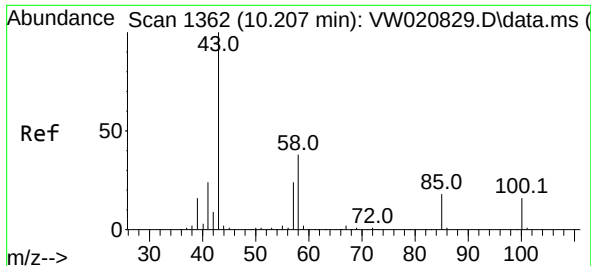
Tgt Ion: 78 Resp: 2272
Ion Ratio Lower Upper
78 100
77 27.1 19.0 28.6



#50
Toluene-d8
Concen: 45.494 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW020872.D
Acq: 12 Nov 2021 22:48

Tgt Ion: 98 Resp: 60097
Ion Ratio Lower Upper
98 100
100 65.2 53.2 79.8

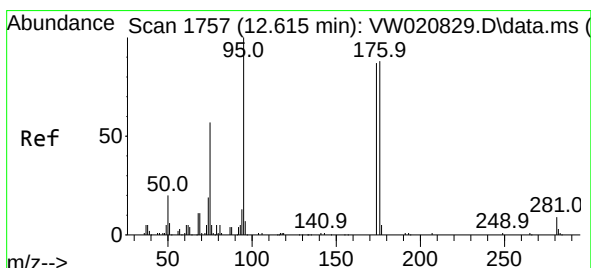
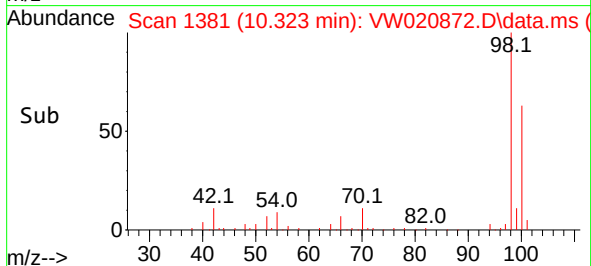
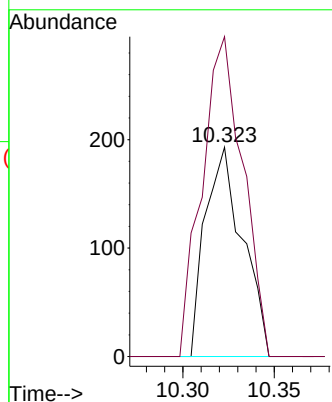
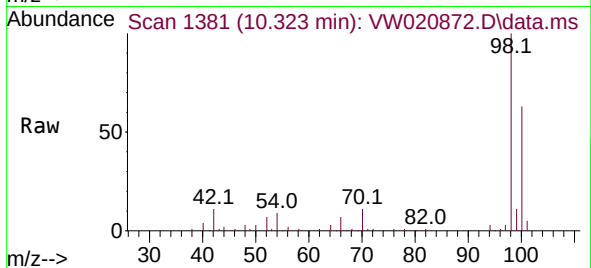




#51
4-Methyl-2-Pentanone
Concen: 1.130 ug/l
RT: 10.323 min Scan# 11
Delta R.T. 0.116 min
Lab File: VW020872.D
Acq: 12 Nov 2021 22:48

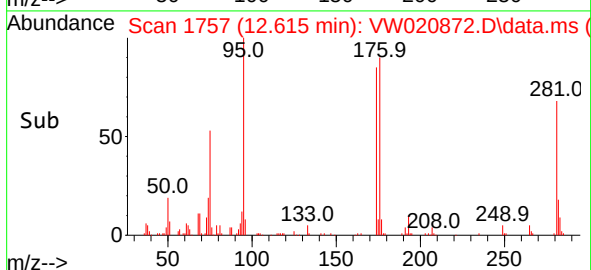
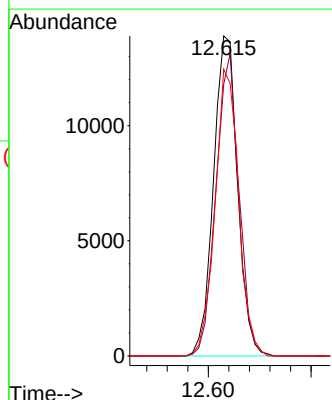
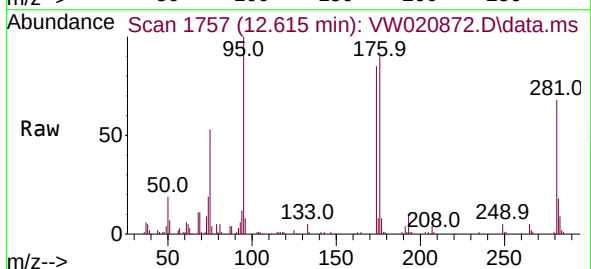
Instrument :
MSVOA_W
ClientSampleId :

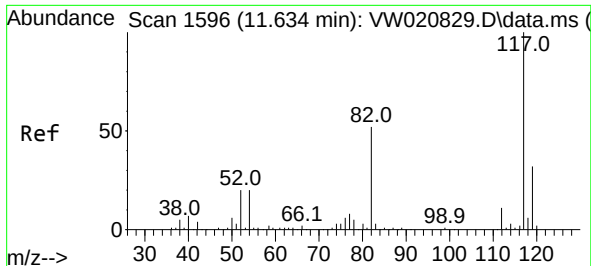
Tgt Ion: 43 Resp: 275
Ion Ratio Lower Upper
43 100
58 167.6 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 47.364 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020872.D
Acq: 12 Nov 2021 22:48

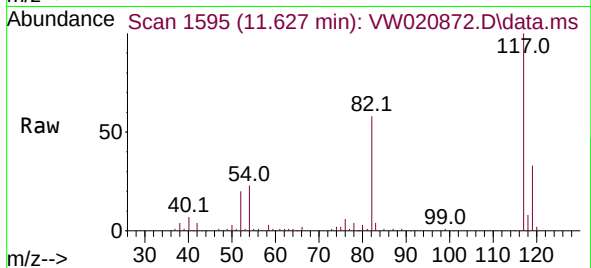
Tgt Ion: 95 Resp: 22573
Ion Ratio Lower Upper
95 100
174 89.9 0.0 166.4
176 87.6 0.0 159.8



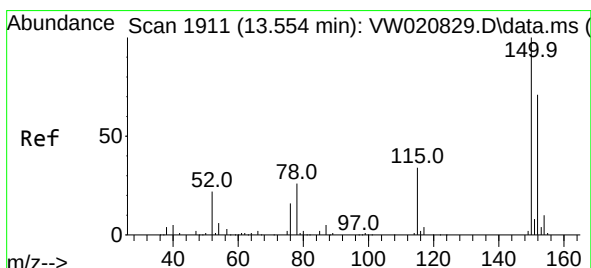
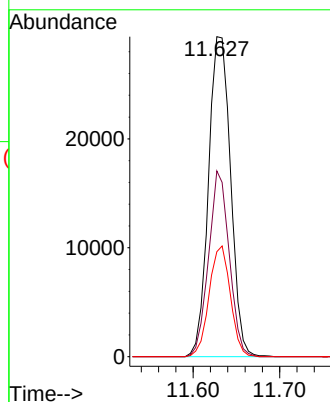
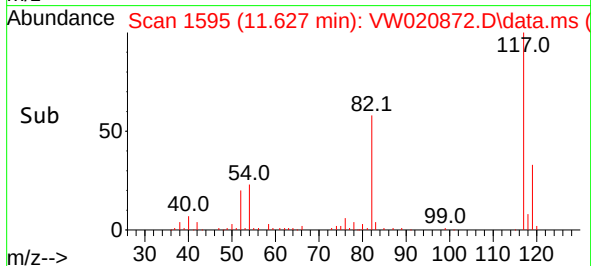


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW020872.D
Acq: 12 Nov 2021 22:48

Instrument :
MSVOA_W
ClientSampleId :

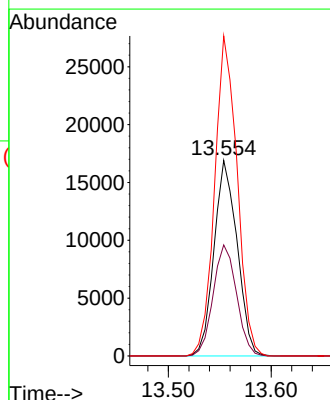
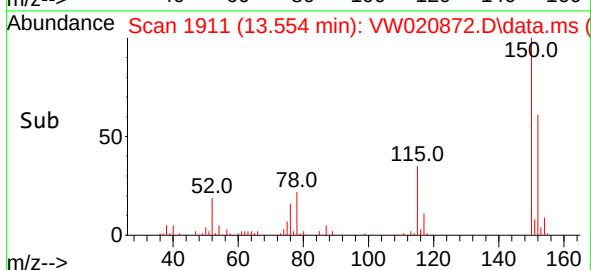
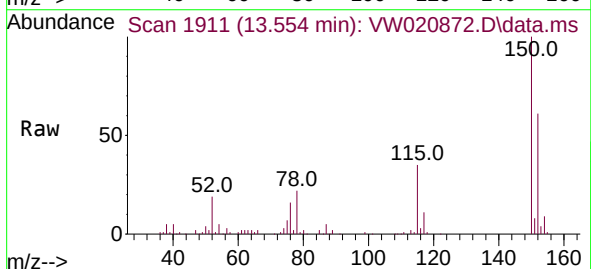


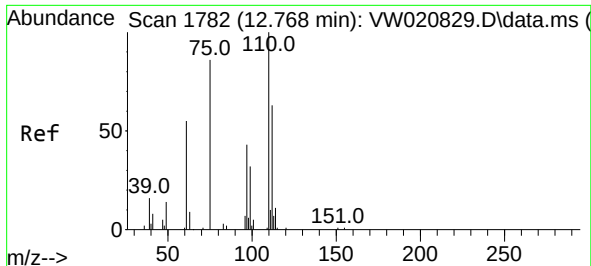
Tgt Ion:117 Resp: 52080
Ion Ratio Lower Upper
117 100
82 58.1 45.6 68.4
119 32.8 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VW020872.D
Acq: 12 Nov 2021 22:48

Tgt Ion:152 Resp: 26352
Ion Ratio Lower Upper
152 100
115 57.5 29.6 88.9
150 159.3 0.0 352.6

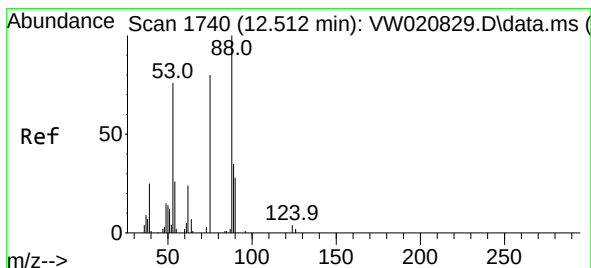
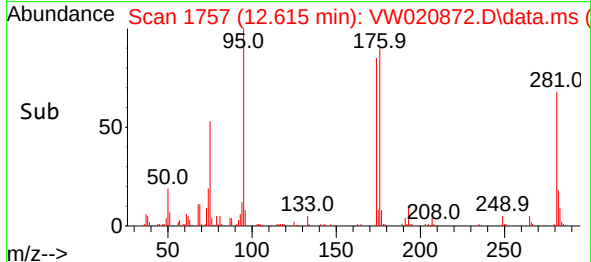
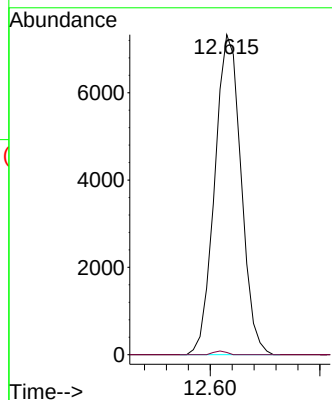
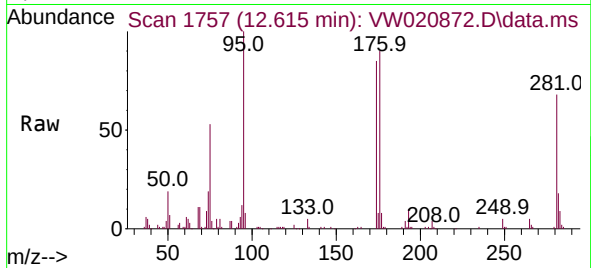




#76
1,2,3-Trichloropropane
Concen: 60.415 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW020872.D
Acq: 12 Nov 2021 22:48

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 12241
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.922 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW020872.D
Acq: 12 Nov 2021 22:48

Tgt Ion: 75 Resp: 12241
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.6 36.7 55.1#

