

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020880.D
 Acq On : 13 Nov 2021 02:02
 Operator : SY/VA
 Sample : M4654-08
 Misc : 5.96g/5mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 15 00:15:43 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

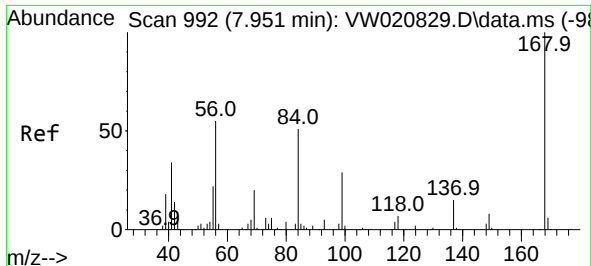
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.946	168	74145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	106726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	92218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	41270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	33679	54.928	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.860%	
35) Dibromofluoromethane	7.885	113	30960	51.889	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.780%	
50) Toluene-d8	10.323	98	107764	46.163	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.320%	
62) 4-Bromofluorobenzene	12.615	95	35197	41.791	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.580%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.629	94	42	Below Cal	#	2
16) Acetone	4.135	43	837	8.991	ug/l #	79
20) Methylene Chloride	4.922	84	1067	Below Cal		91
31) Cyclohexane	7.946	56	1438	1.308	ug/l #	14
36) 1,1-Dichloropropene	7.946	75	5110	5.792	ug/l #	45
38) Carbon Tetrachloride	7.946	117	6717	7.269	ug/l #	18
76) 1,2,3-Trichloropropane	12.615	75	19504	61.465	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	19504	120.989	ug/l #	8

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

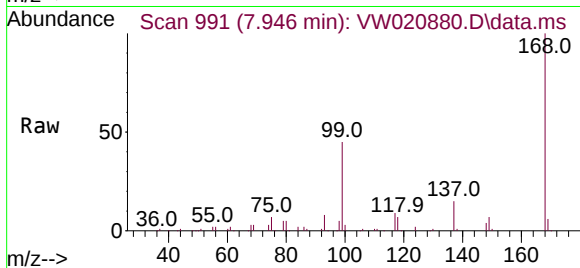
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 13 07:30:48 2021
Response via : Initial Calibration



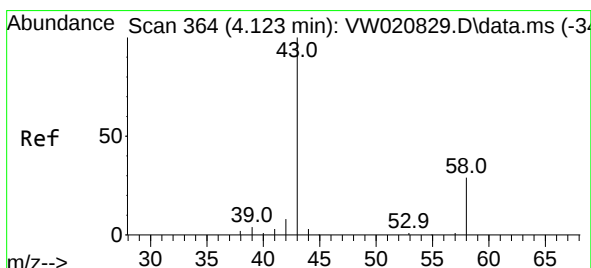
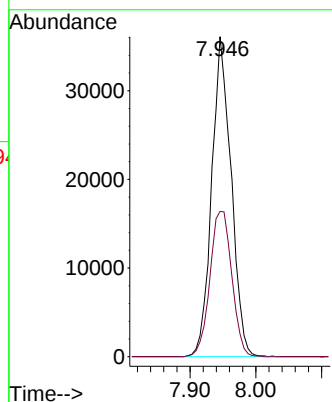
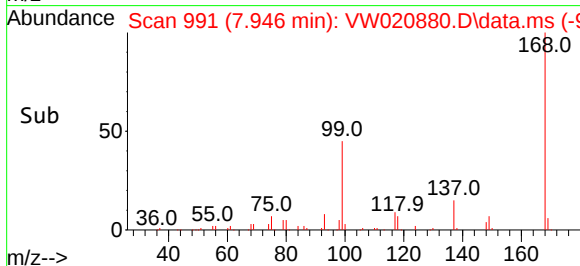


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.946 min Scan# 99
Delta R.T. -0.005 min
Lab File: VW020880.D
Acq: 13 Nov 2021 02:02

Instrument :
MSVOA_W
ClientSampleId :

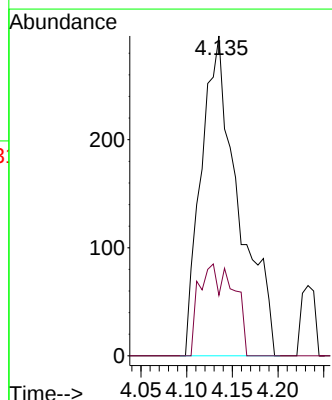
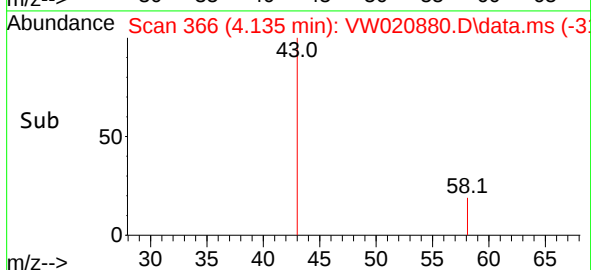
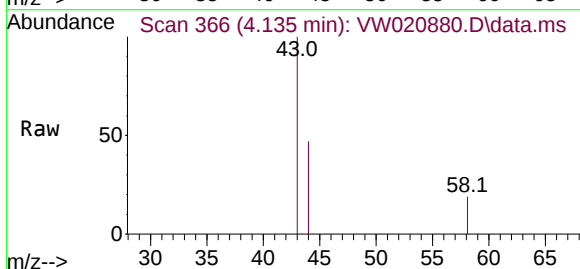


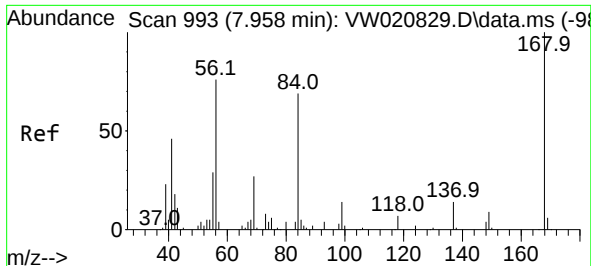
Tgt Ion:168 Resp: 74145
Ion Ratio Lower Upper
168 100
99 45.4 45.4 68.0



#16
Acetone
Concen: 8.991 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW020880.D
Acq: 13 Nov 2021 02:02

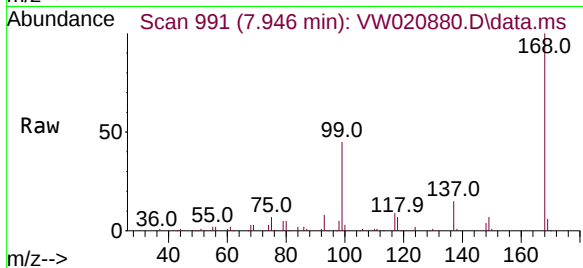
Tgt Ion: 43 Resp: 837
Ion Ratio Lower Upper
43 100
58 18.9 24.2 36.2#



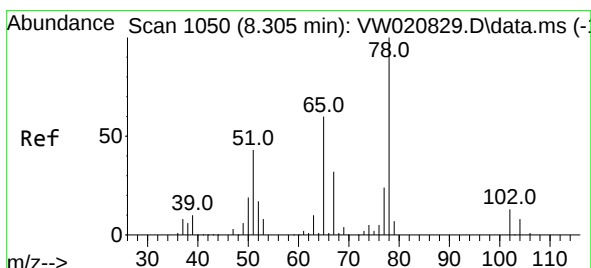
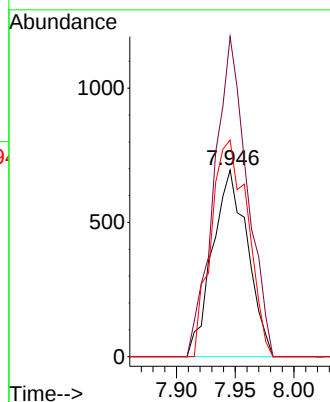
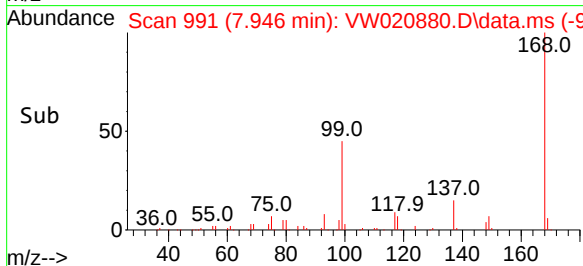


#31
Cyclohexane
Concen: 1.308 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW020880.D
Acq: 13 Nov 2021 02:02

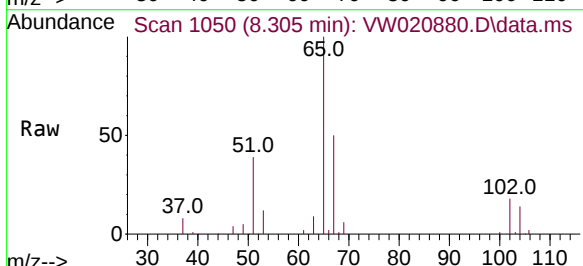
Instrument :
MSVOA_W
ClientSampleId :



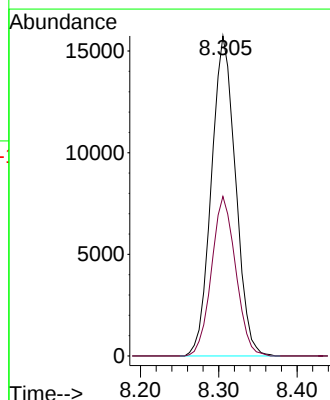
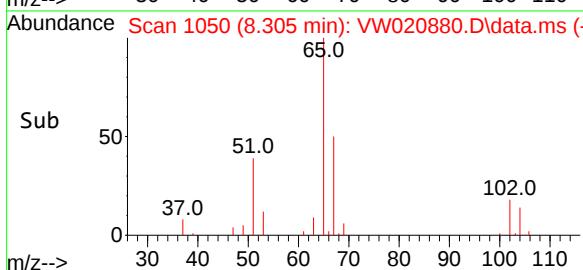
Tgt Ion: 56 Resp: 1438
Ion Ratio Lower Upper
56 100
69 171.5 27.2 40.8#
84 116.1 71.8 107.6#

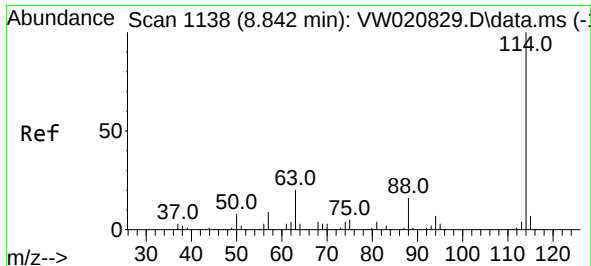


#33
1,2-Dichloroethane-d4
Concen: 54.928 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020880.D
Acq: 13 Nov 2021 02:02



Tgt Ion: 65 Resp: 33679
Ion Ratio Lower Upper
65 100
67 49.8 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.842 min Scan# 1138

Delta R.T. 0.000 min

Lab File: VW020880.D

Acq: 13 Nov 2021 02:02

Instrument :

MSVOA_W

ClientSampleId :

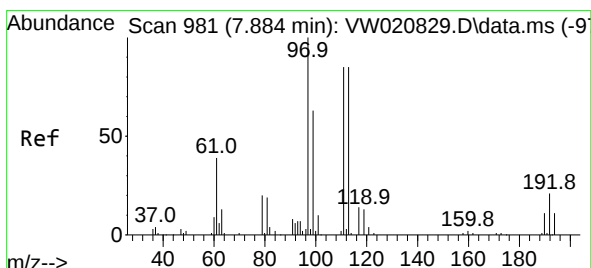
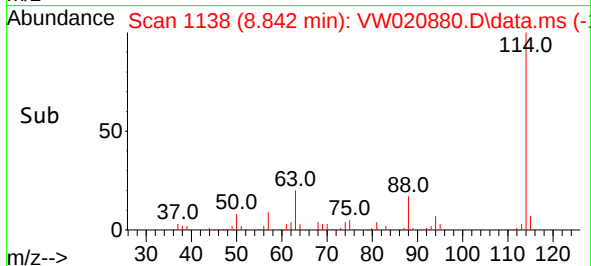
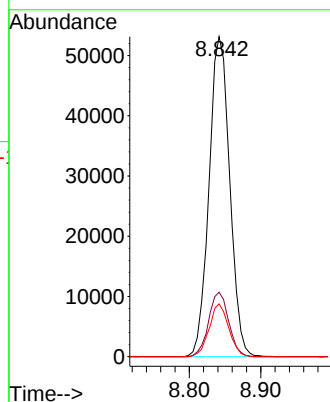
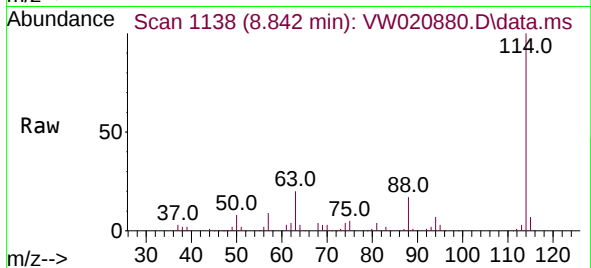
Tgt Ion:114 Resp: 106726

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.8

88 16.5 0.0 33.0



#35

Dibromofluoromethane

Concen: 51.889 ug/l

RT: 7.885 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW020880.D

Acq: 13 Nov 2021 02:02

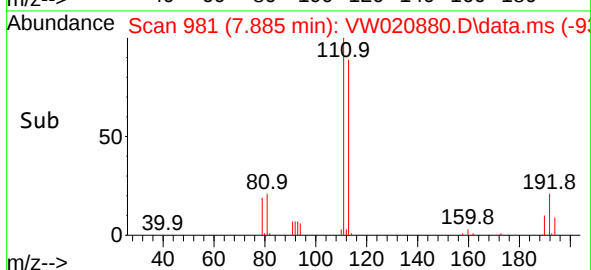
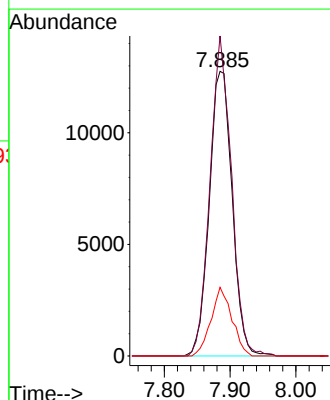
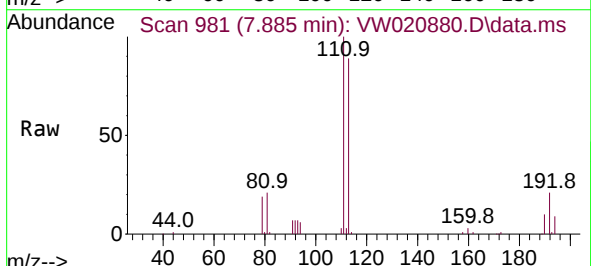
Tgt Ion:113 Resp: 30960

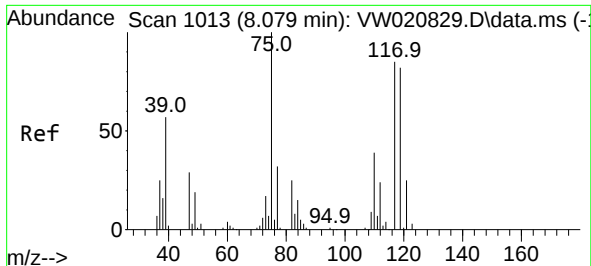
Ion Ratio Lower Upper

113 100

111 104.9 82.1 123.1

192 22.0 17.8 26.8

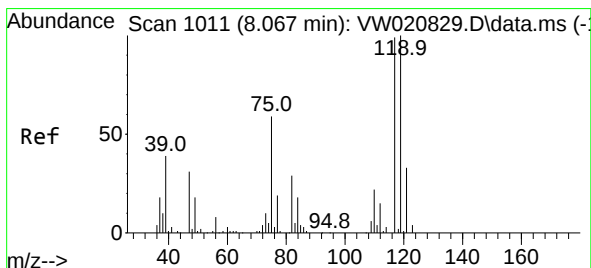
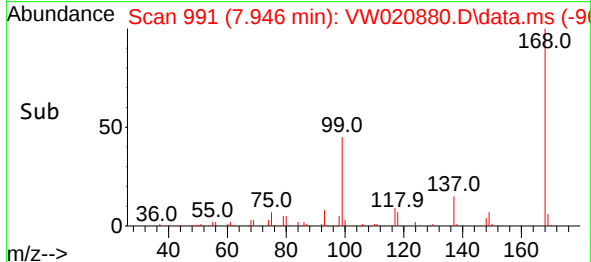
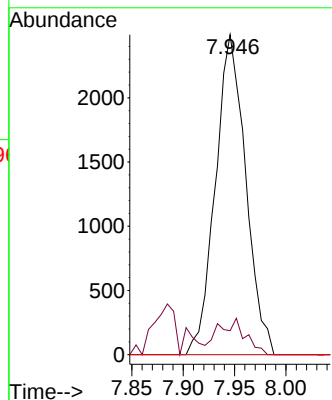
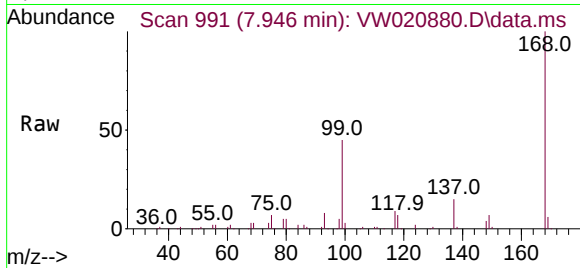




#36
1,1-Dichloropropene
Concen: 5.792 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.134 min
Lab File: VW020880.D
Acq: 13 Nov 2021 02:02

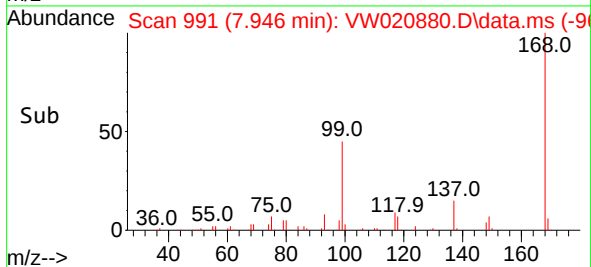
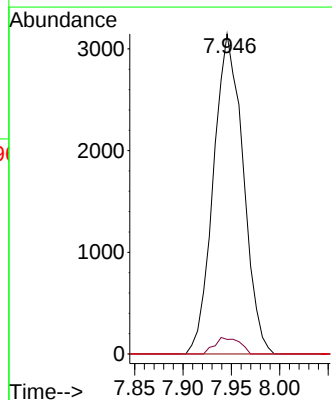
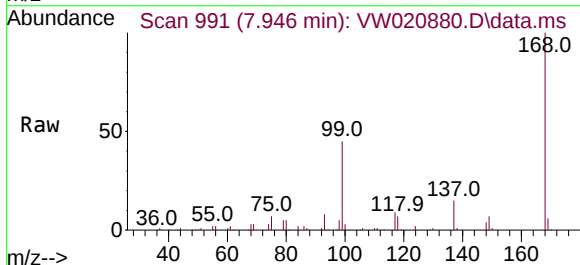
Instrument :
MSVOA_W
ClientSampleId :

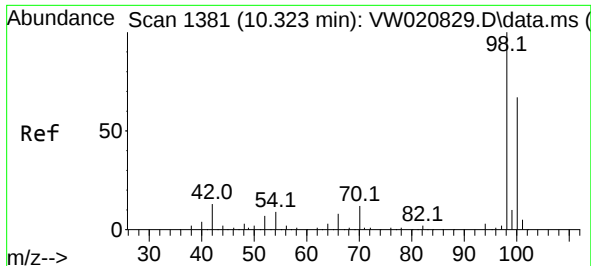
Tgt Ion: 75 Resp: 5110
Ion Ratio Lower Upper
75 100
110 3.2 17.1 51.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 7.269 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.122 min
Lab File: VW020880.D
Acq: 13 Nov 2021 02:02

Tgt Ion: 117 Resp: 6717
Ion Ratio Lower Upper
117 100
119 4.5 72.9 109.3#
121 0.0 23.4 35.0#

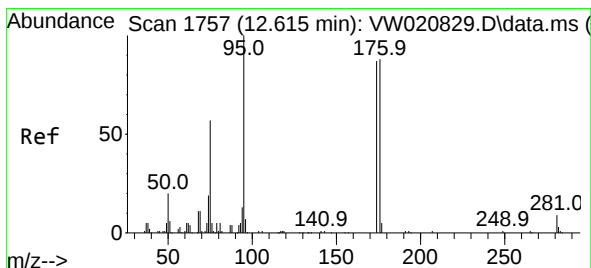
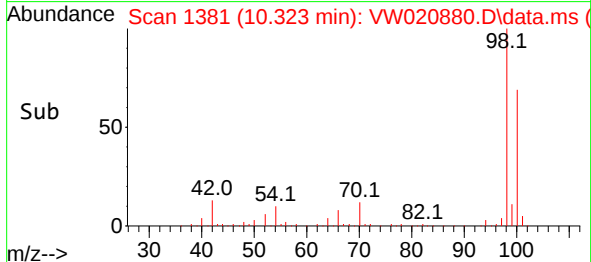
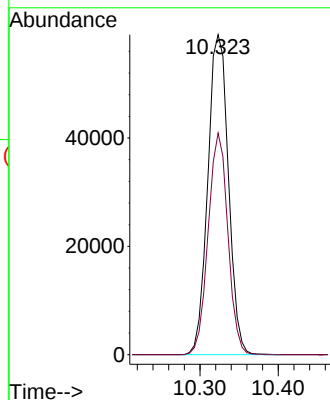
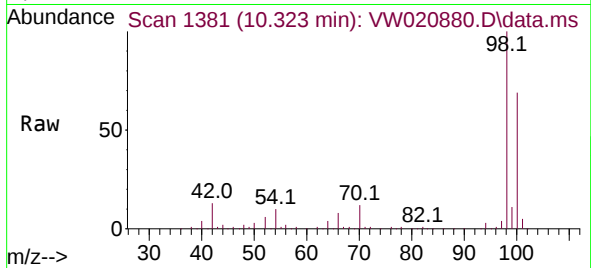




#50
Toluene-d8
Concen: 46.163 ug/l
RT: 10.323 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020880.D
Acq: 13 Nov 2021 02:02

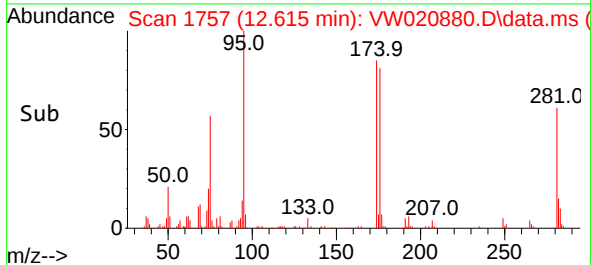
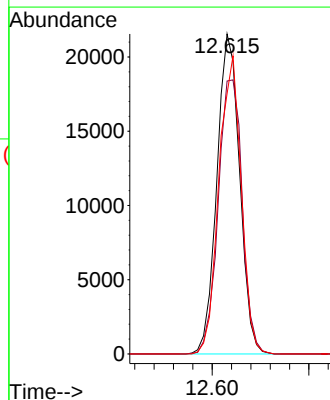
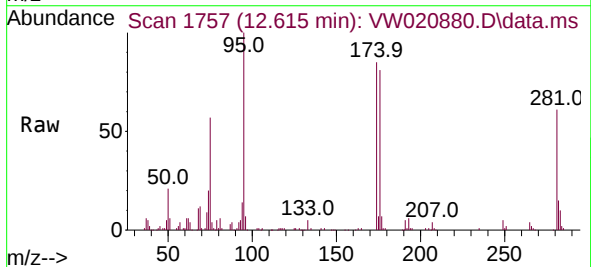
Instrument :
MSVOA_W
ClientSampleId :

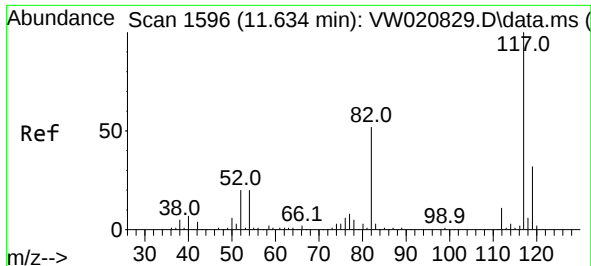
Tgt Ion: 98 Resp: 107764
Ion Ratio Lower Upper
98 100
100 66.2 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 41.791 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020880.D
Acq: 13 Nov 2021 02:02

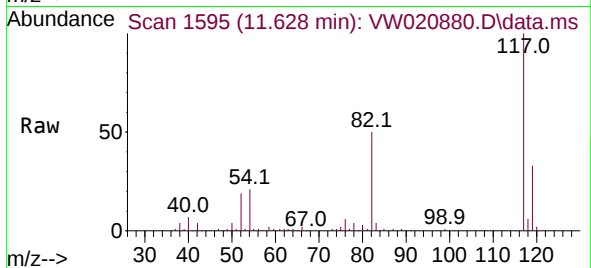
Tgt Ion: 95 Resp: 35197
Ion Ratio Lower Upper
95 100
174 90.0 0.0 166.4
176 91.2 0.0 159.8



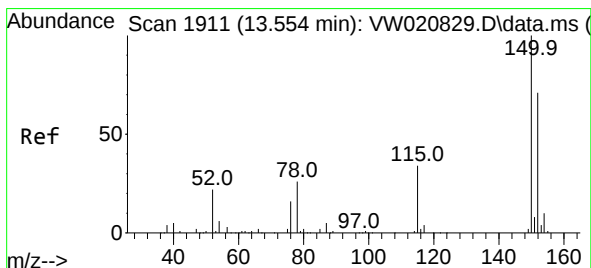
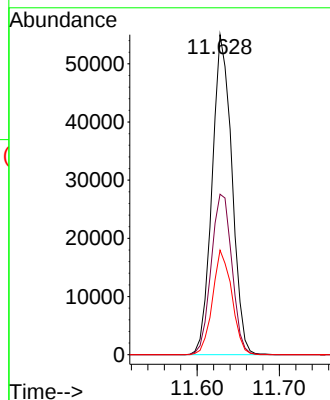
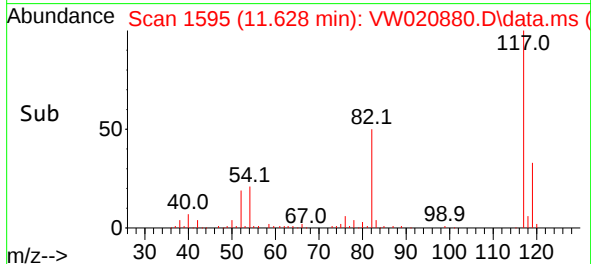


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW020880.D
Acq: 13 Nov 2021 02:02

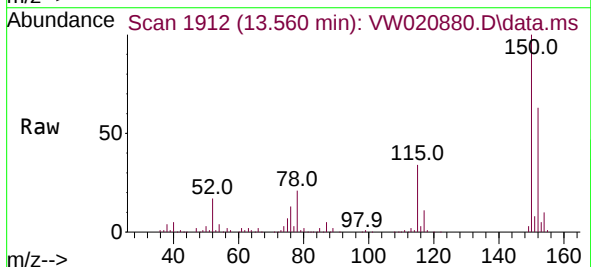
Instrument :
MSVOA_W
ClientSampleId :



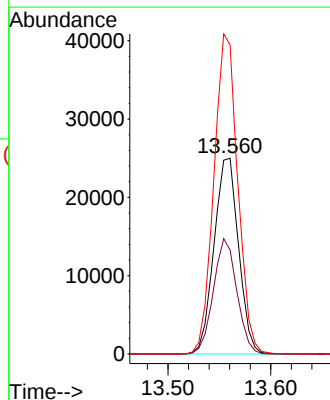
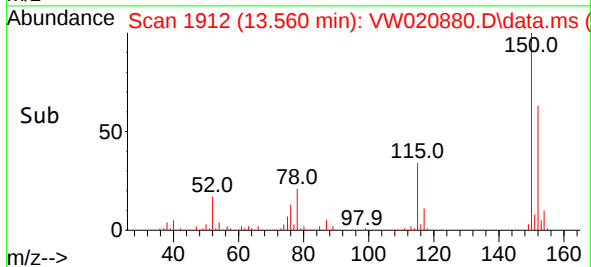
Tgt Ion:117 Resp: 92218
Ion Ratio Lower Upper
117 100
82 50.2 45.6 68.4
119 32.6 25.0 37.4

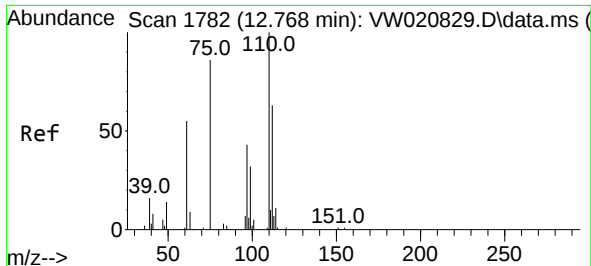


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VW020880.D
Acq: 13 Nov 2021 02:02



Tgt Ion:152 Resp: 41270
Ion Ratio Lower Upper
152 100
115 56.4 29.6 88.9
150 159.4 0.0 352.6

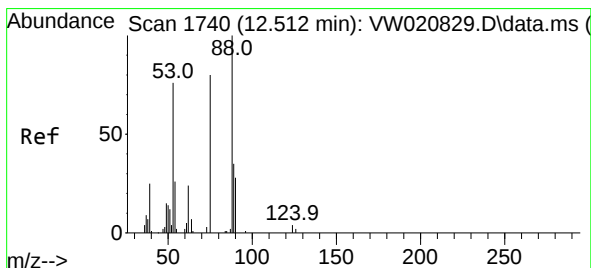
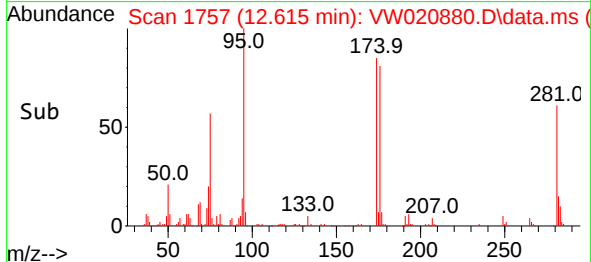
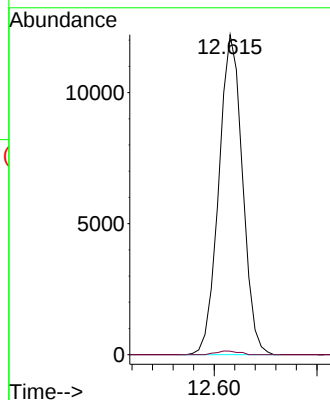
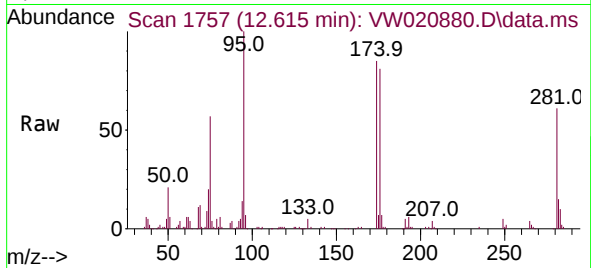




#76
1,2,3-Trichloropropane
Concen: 61.465 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW020880.D
Acq: 13 Nov 2021 02:02

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 19504
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.989 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.104 min
Lab File: VW020880.D
Acq: 13 Nov 2021 02:02

Tgt Ion: 75 Resp: 19504
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.3 36.7 55.1#

