

Data File : VW013169.D
Acq On : 19 Sep 2019 18:44
Operator : SY/VA
Sample : K4877-08
Misc : 4.13G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CSA-2-3-4

Quant Time: Sep 20 07:48:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

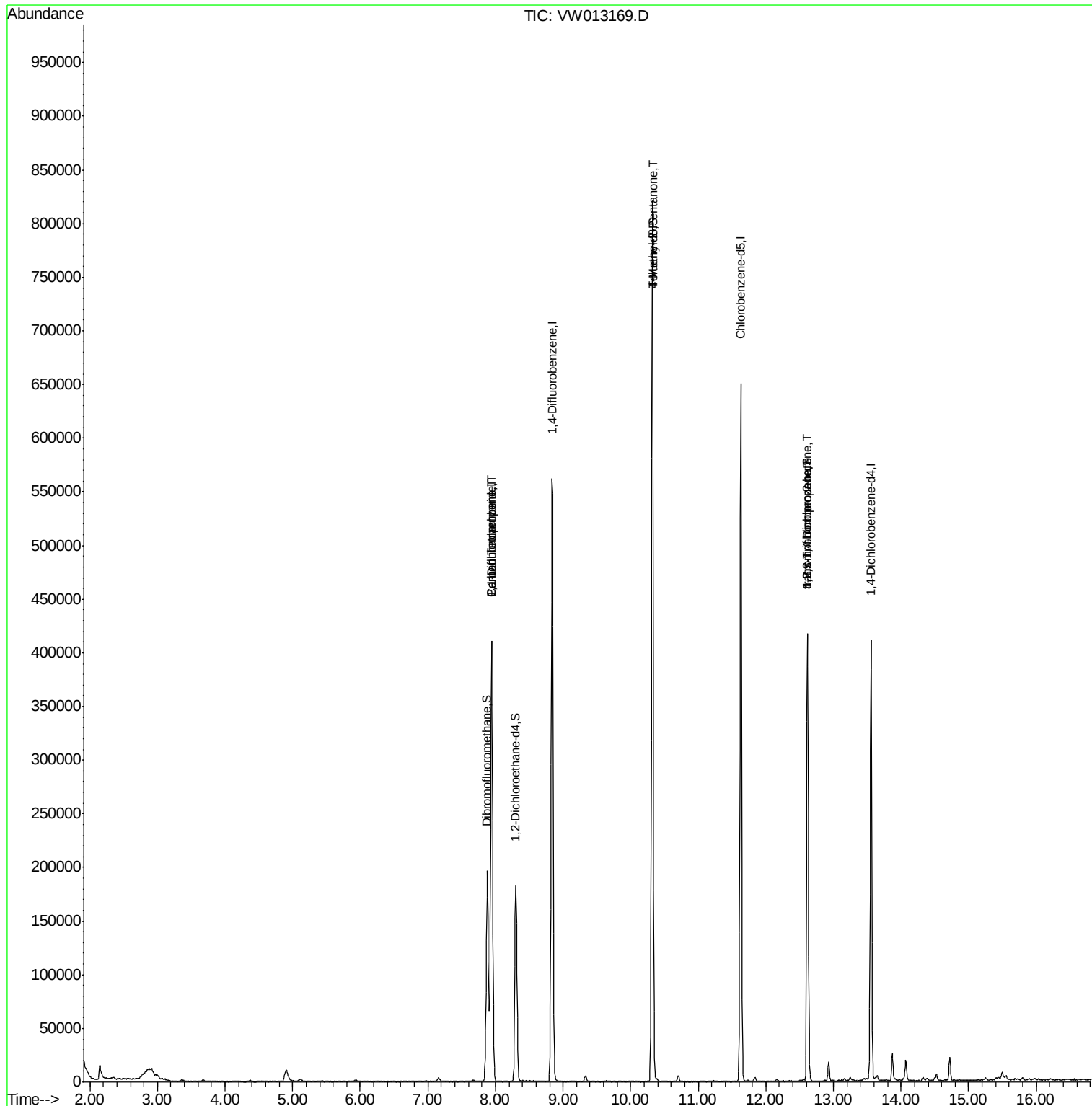
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	334212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	497436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	378219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	113355	50.00	ug/l	0.00

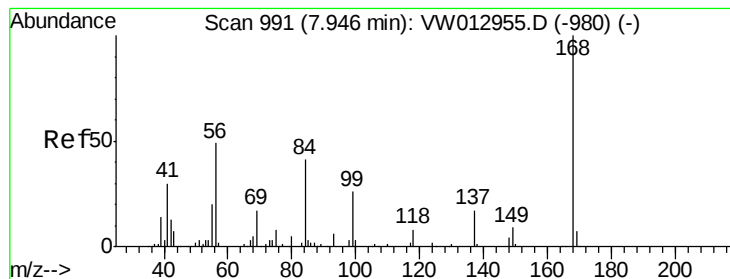
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	145026	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
35) Dibromofluoromethane	7.8					

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

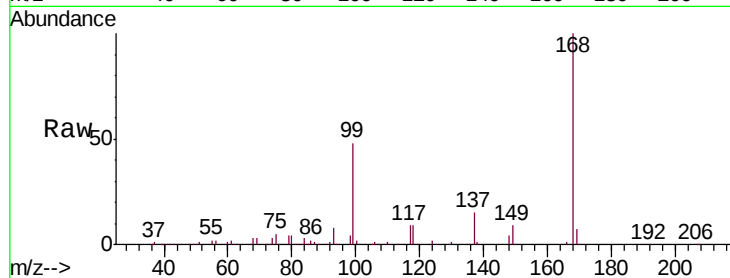
CSA-2-3-4

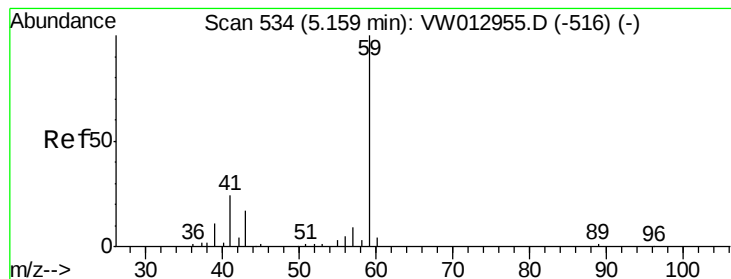
Tgt Ion:168 Resp: 334212

Ion Ratio Lower Upper

168 100

99 48.3 46.2 69.2



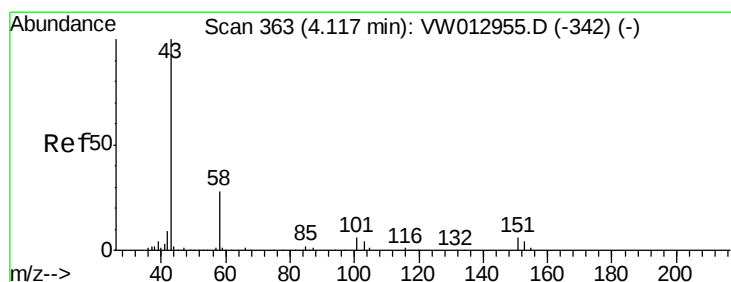
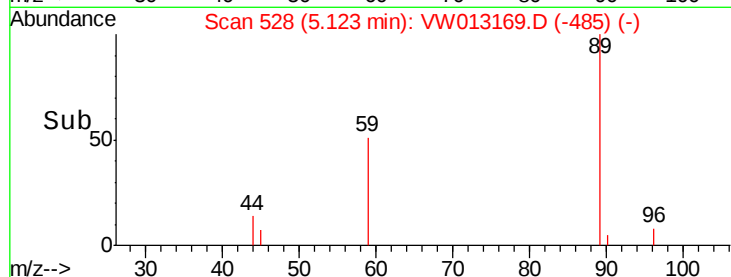
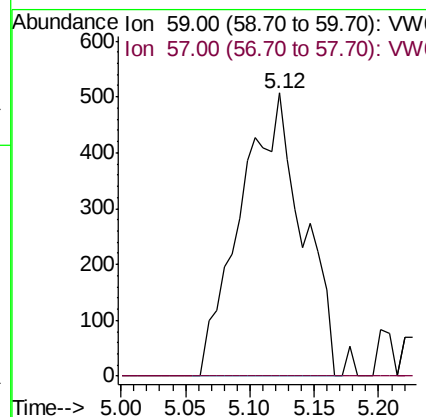
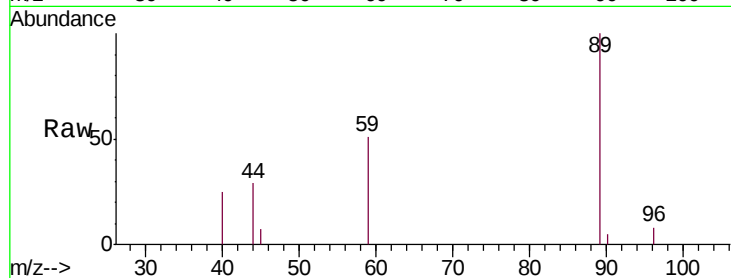


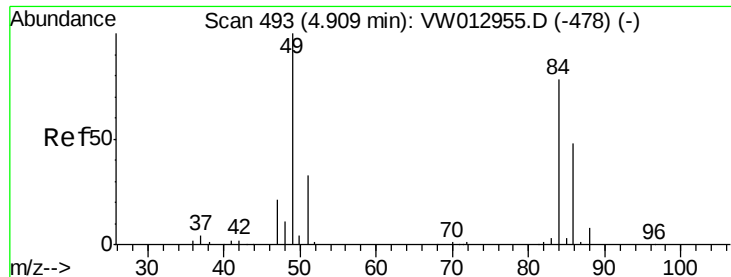
#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.12 min Scan# 528
 Delta R.T. -0.04 min
 Lab File: VW013169.D
 Acq: 19 Sep 2019 18:44

Instrument :
 MSVOA_W
 ClientSampled :
 CSA-2-3-4

Tgt Ion: 59 Resp: 1687
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

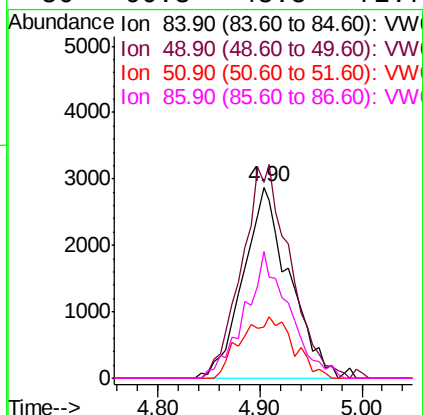
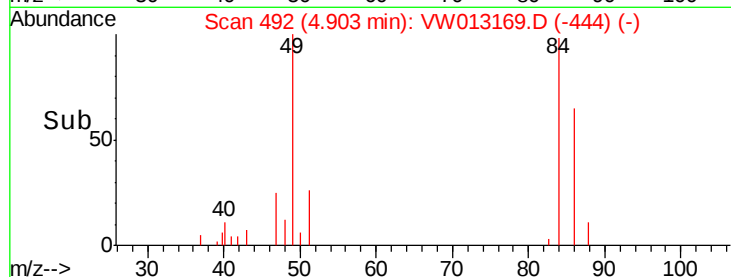
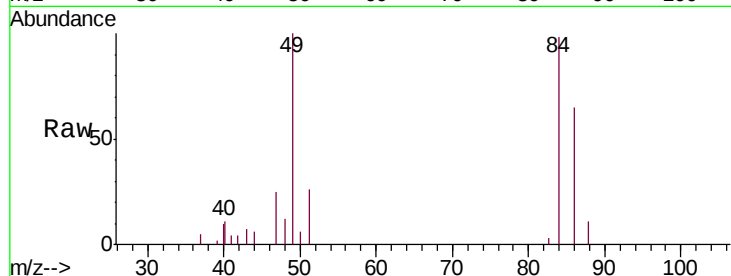


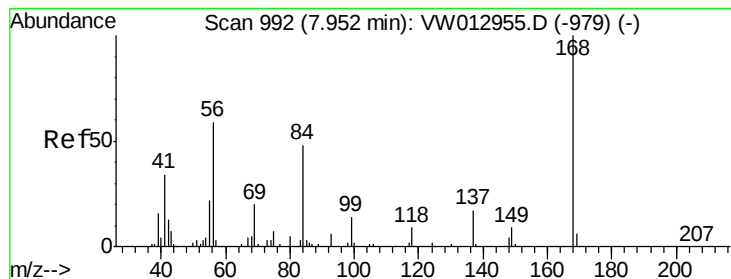


#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW013169.D
Acq: 19 Sep 2019 18:44

Instrument :
MSVOA_W
ClientSampleId :
CSA-2-3-4

Tgt Ion: 84 Resp: 9053
Ion Ratio Lower Upper
84 100
49 102.5 102.0 153.0
51 26.7 34.0 51.0#
86 66.3 48.5 72.7





#31

Cyclohexane

Concen: Below Cal

RT: 7.93 min Scan# 989

Delta R.T. -0.02 min

Lab File: VW013169.D

Acq: 19 Sep 2019 18:44

Instrument :

MSVOA_W

ClientSampleId :

CSA-2-3-4

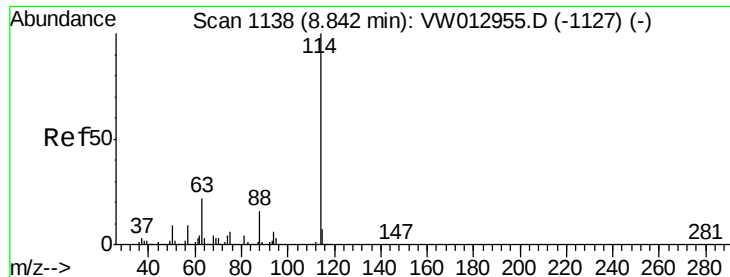
Tgt Ion: 56 Resp: 6356

Ion Ratio Lower Upper

56 100

69 156.1 27.0 40.6#

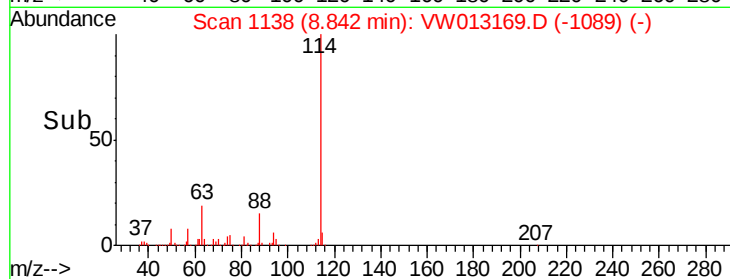
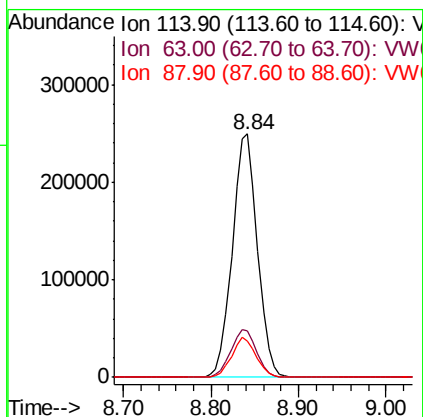
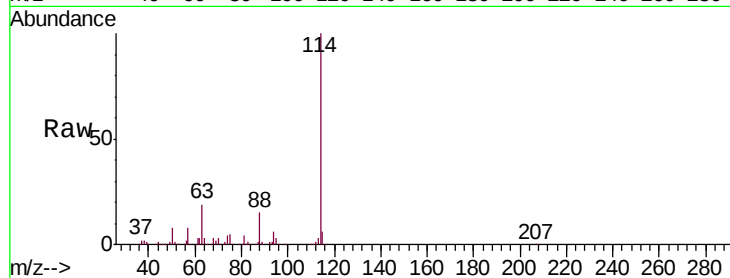
84 111

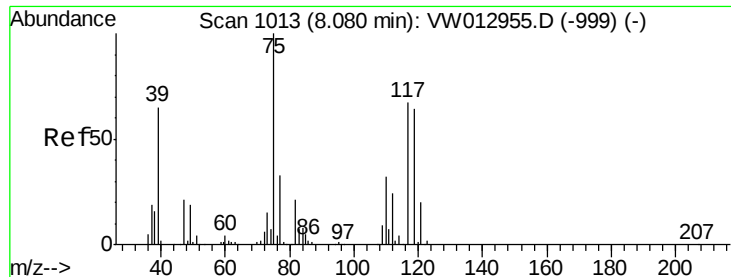


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013169.D
Acq: 19 Sep 2019 18:44

Instrument :
MSVOA_W
ClientSampleId :
CSA-2-3-4

Tgt Ion:114 Resp: 497436
Ion Ratio Lower Upper
114 100
63 19.2 0.0 43.4
88 15.0 0.0 31.6





#36

1,1-Dichloropropene

Concen: 5.161 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013169.D

Acq: 19 Sep 2019 18:44

Instrument :

MSVOA_W

ClientSampleId :

CSA-2-3-4

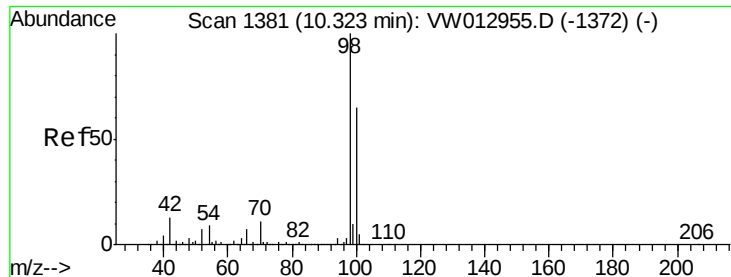
Tgt Ion: 75 Resp: 20514

Ion Ratio Lower Upper

75 100

110 11.0 16.4 49.1#

77 0.0 25.1 37.7#



#50

Toluene-d8

Concen: 53.181 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013169.D

Acq: 19 Sep 2019 18:44

Instrument :

MSVOA_W

ClientSampleId :

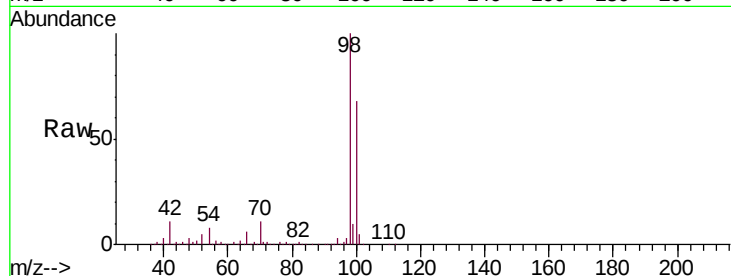
CSA-2-3-4

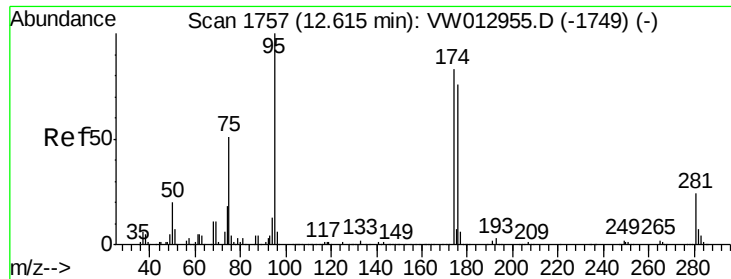
Tgt Ion: 98 Resp: 561703

Ion Ratio Lower Upper

98 100

100 66.3 52.1 78.1

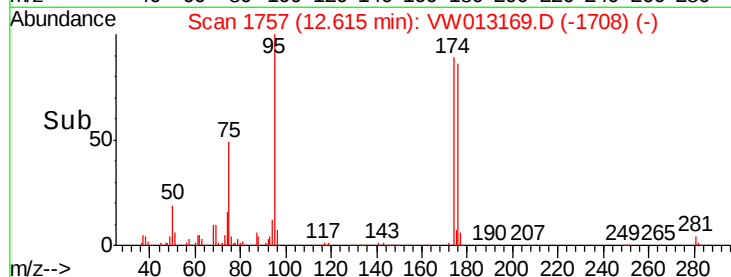
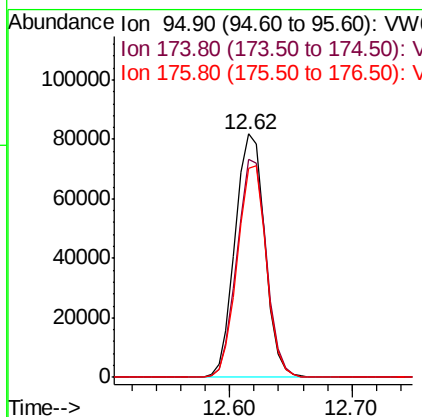
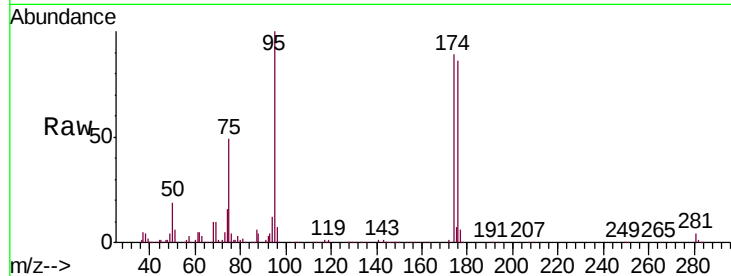


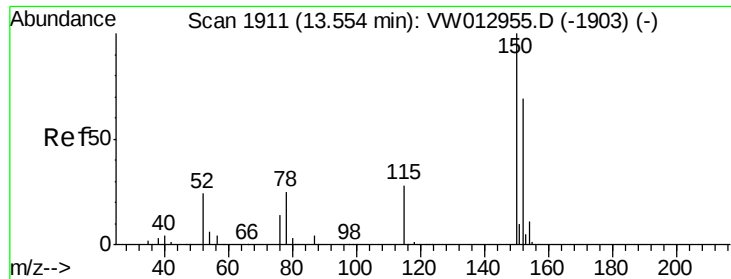


#62
4-Bromofluorobenzene
Concen: 36.290 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013169.D
Acq: 19 Sep 2019 18:44

Instrument :
MSVOA_W
ClientSampled :
CSA-2-3-4

Tgt Ion: 95 Resp: 137827
Ion Ratio Lower Upper
95 100
174 88.6 0.0 170.4
176 84.7 0.0 164.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW013169.D

Acq: 19 Sep 2019 18:44

Instrument :

MSVOA_W

ClientSampleId :

CSA-2-3-4

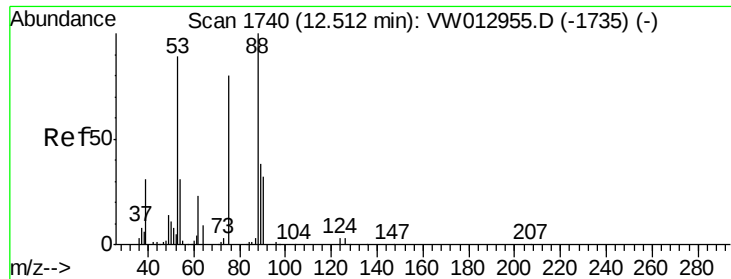
Tgt Ion: 152 Resp: 113355

Ion Ratio Lower Upper

152 100

115 55.8 28.8 86.4

150 158.9 0.0 340.2



#81

trans-1,4-Dichloro-2-butene

Concen: 148.809 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013169.D

Acq: 19 Sep 2019 18:44

Instrument :

MSVOA_W

ClientSampleId :

CSA-2-3-4

Tgt Ion: 75 Resp: 65133

Ion Ratio Lower Upper

75 100

53 0.0 85.6 128.4#