

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091919\
 Data File : VW013157.D
 Acq On : 19 Sep 2019 13:34
 Operator : SY/VA
 Sample : K4825-13
 Misc : 5.25G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CSA-4-3-1

Quant Time: Sep 20 08:12:26 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

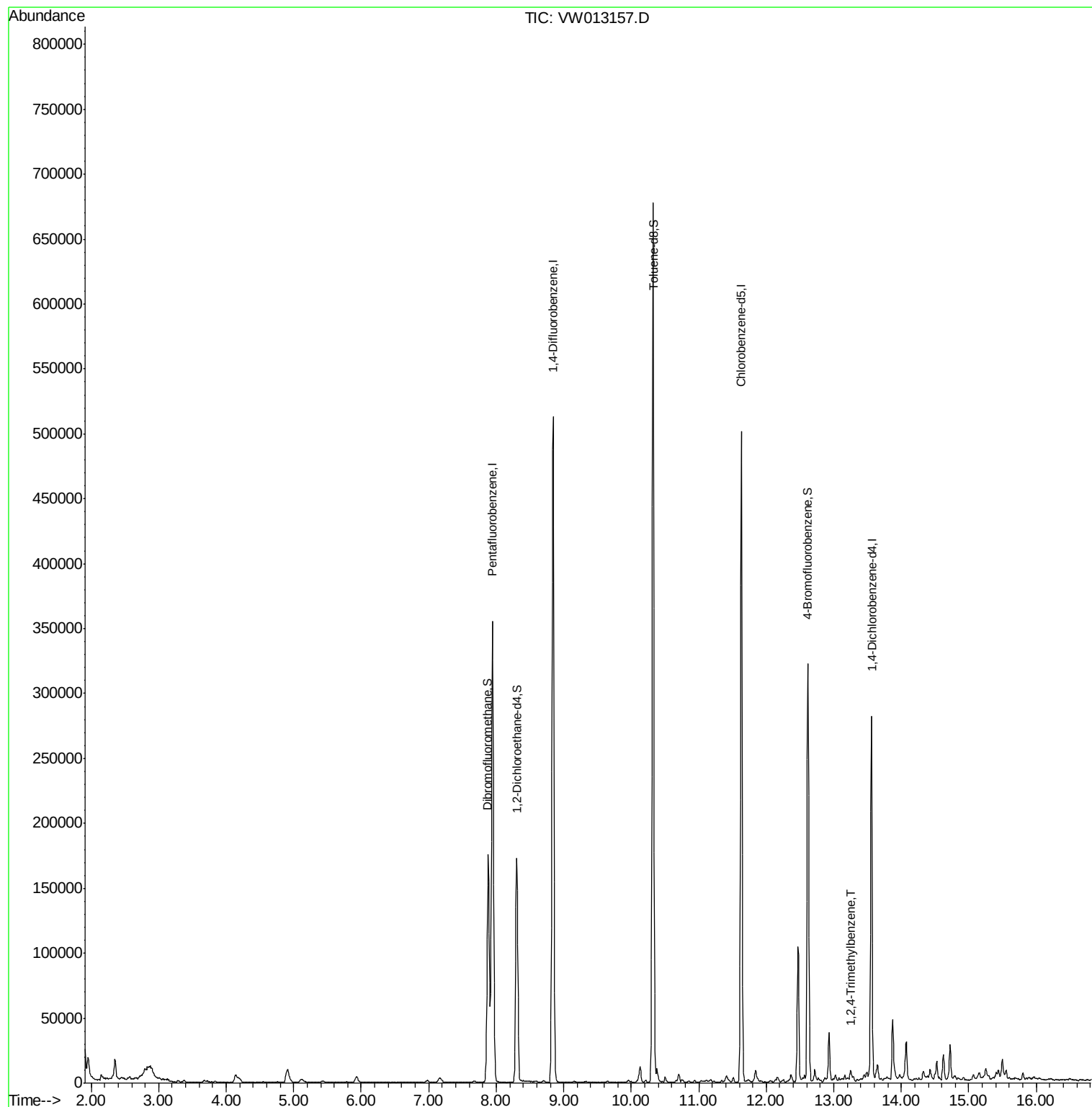
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	293305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	452574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	78901	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	136369	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
35) Dibromofluoromethane	7.88	113	131122	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
50) Toluene-d8	10.32	98	468953	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.62	95	107445	31.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.20%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.25	105	4815	1.101	ug/l	Qvalue 99

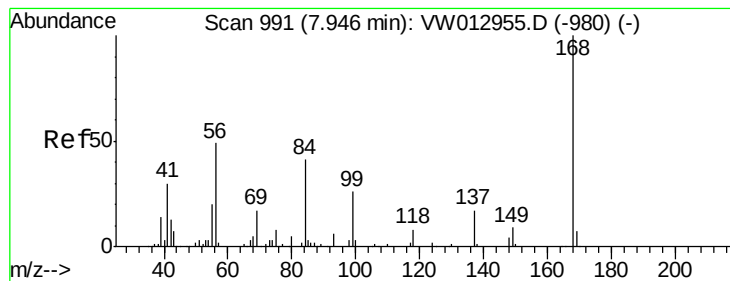
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013157.D

Acq: 19 Sep 2019 13:34

Instrument :

MSVOA_W

ClientSampleId :

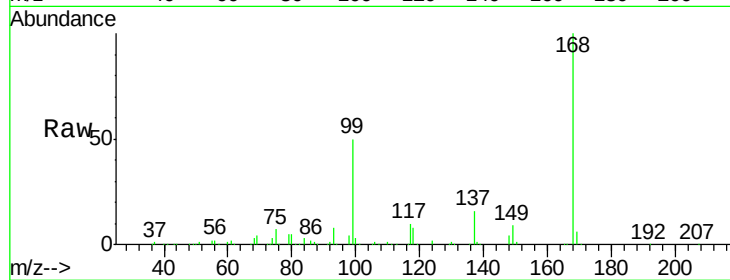
CSA-4-3-1

Tot Ion:168 Resp: 293305

Ion Ratio Lower Upper

168 100

99 50.2 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

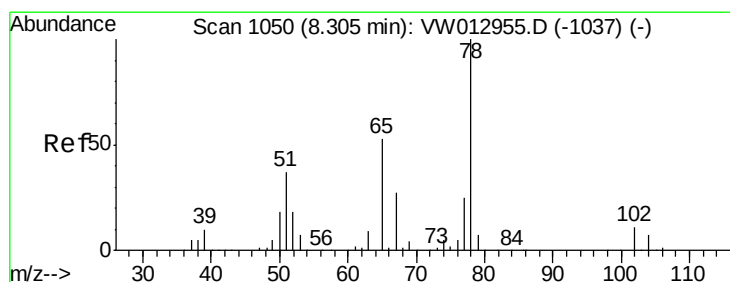
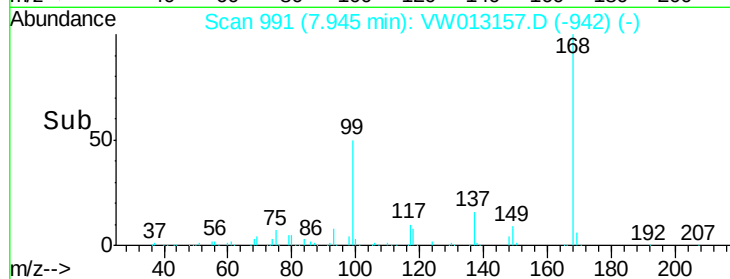
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 50.341 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013157.D

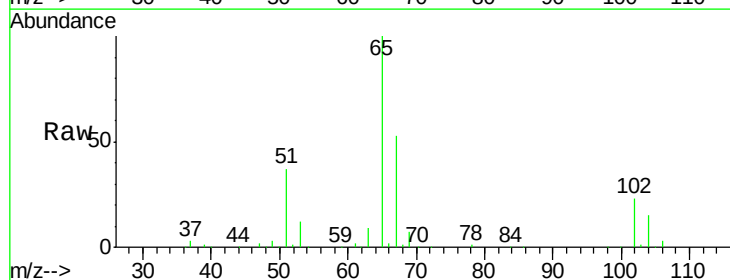
Acq: 19 Sep 2019 13:34

Tgt Ion: 65 Resp: 136369

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

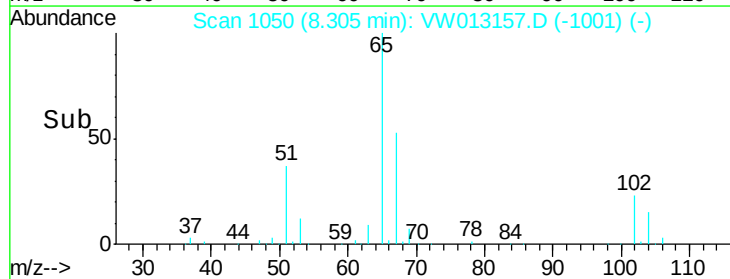
60000

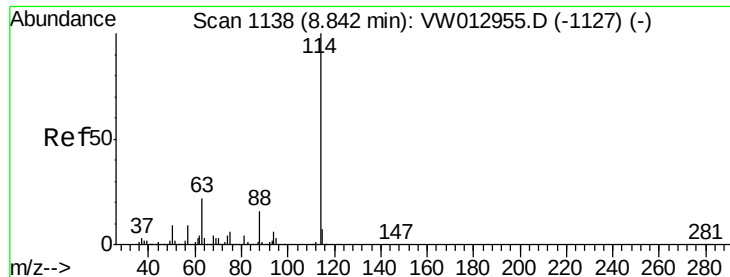
40000

20000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013157.D

Acq: 19 Sep 2019 13:34

Instrument :

MSVOA_W

ClientSampleId :

CSA-4-3-1

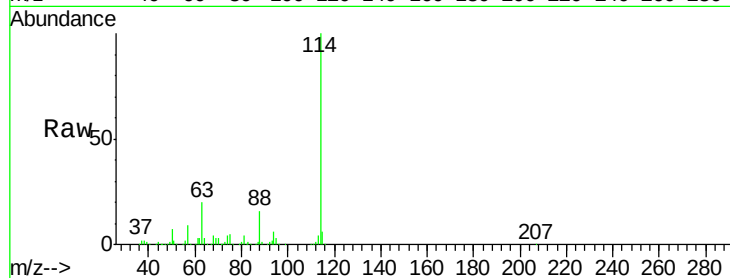
Tot Ion:114 Resp: 452574

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.4

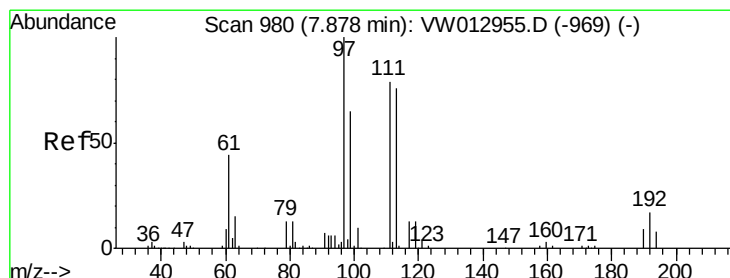
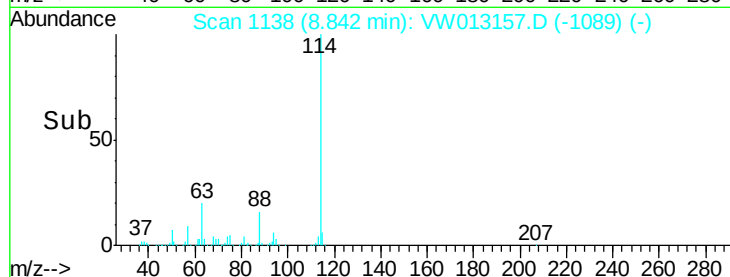
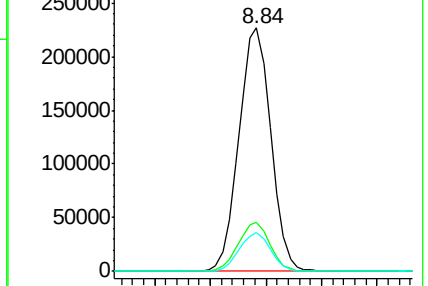
88 16.1 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 53.395 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013157.D

Acq: 19 Sep 2019 13:34

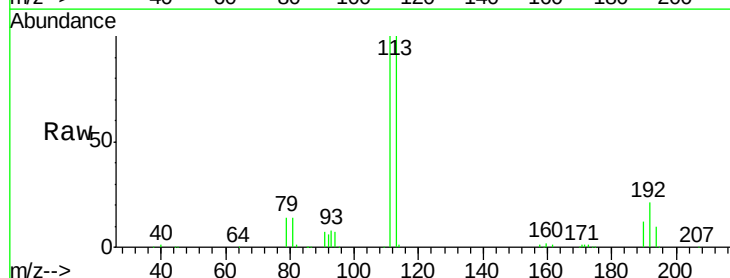
Tgt Ion:113 Resp: 131122

Ion Ratio Lower Upper

113 100

111 101.5 82.8 124.2

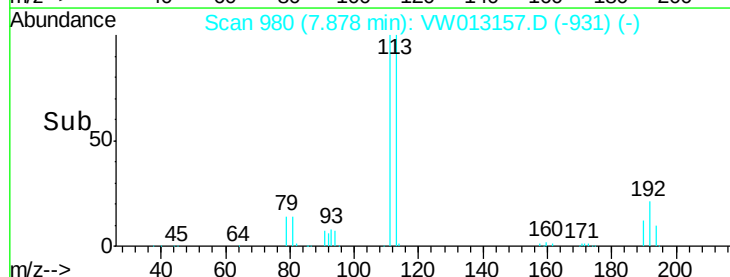
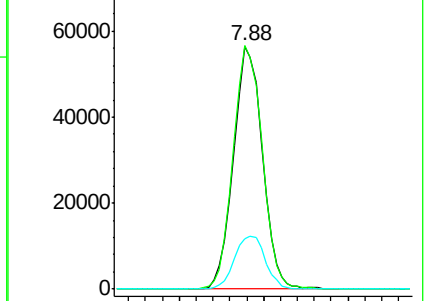
192 23.2 17.8 26.8

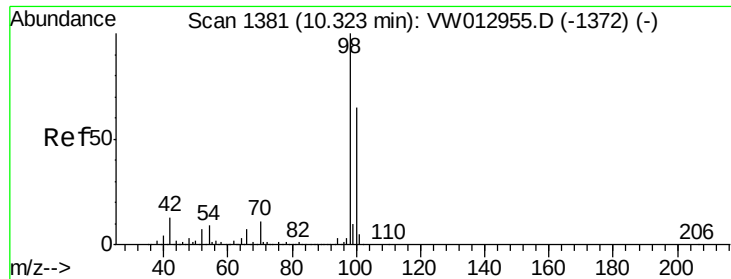


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

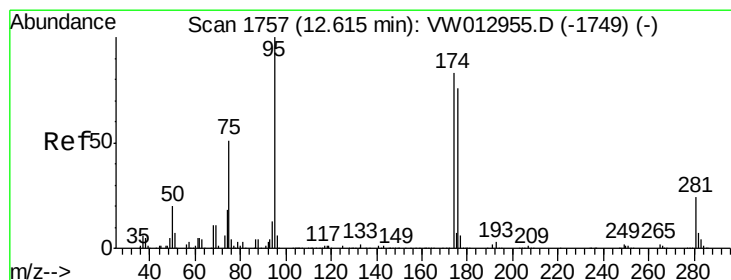
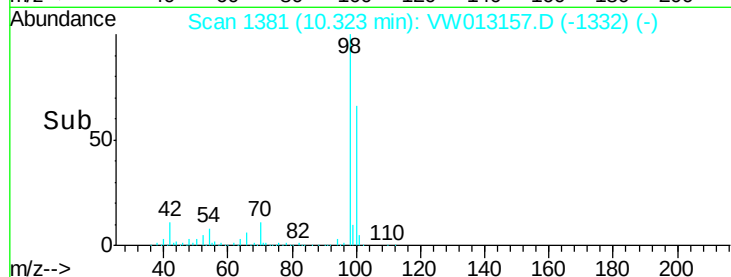
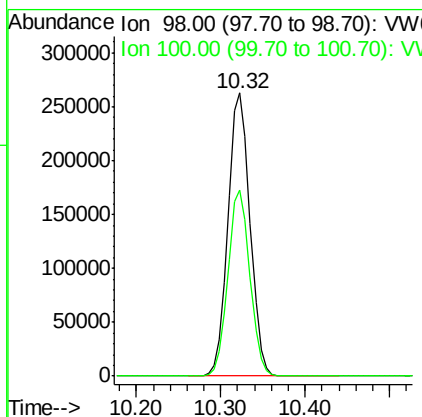
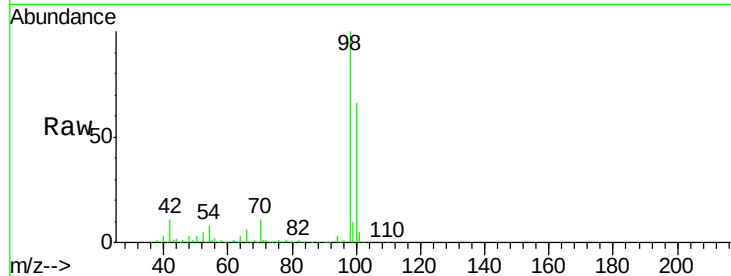




#50
Toluene-d8
Concen: 48.801 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013157.D
Acq: 19 Sep 2019 13:34

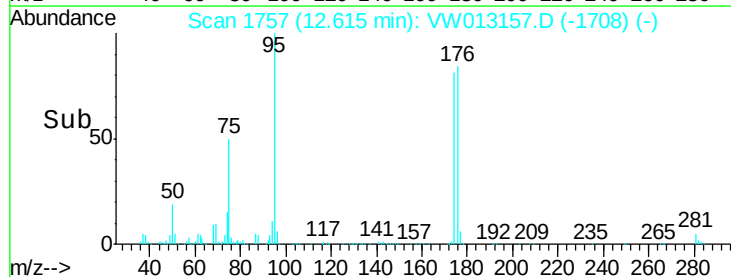
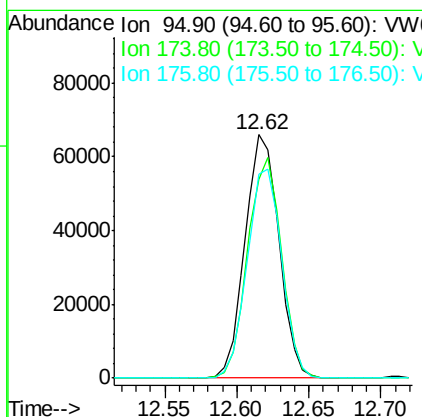
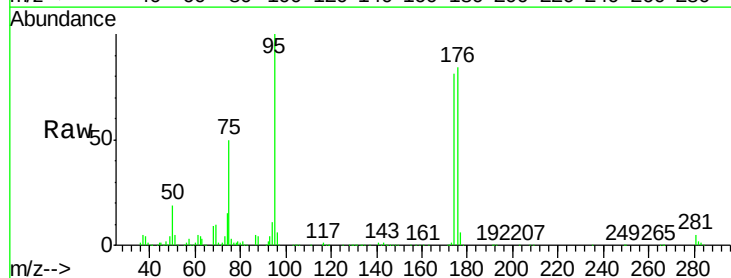
Instrument :
MSVOA_W
ClientSampleId :
CSA-4-3-1

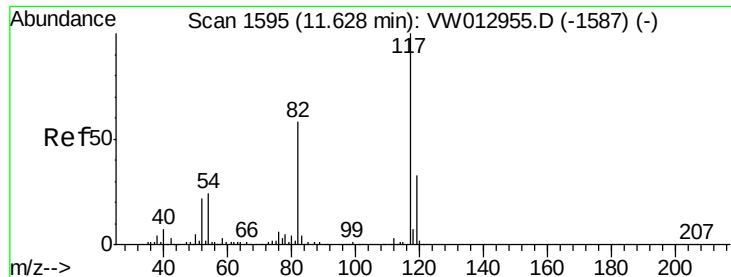
Tot Ion: 98 Resp: 468953
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 31.095 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013157.D
Acq: 19 Sep 2019 13:34

Tgt Ion: 95 Resp: 107445
Ion Ratio Lower Upper
95 100
174 89.8 0.0 170.4
176 87.5 0.0 164.6

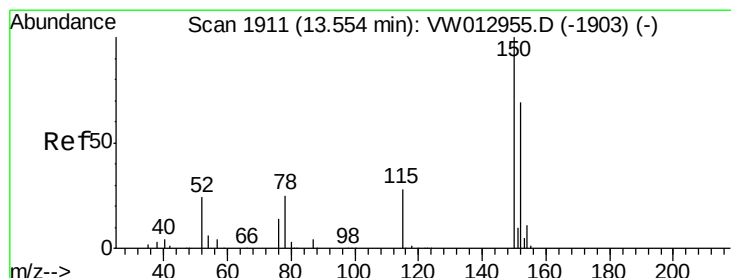
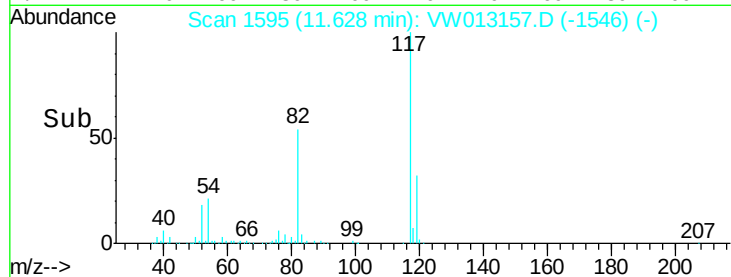
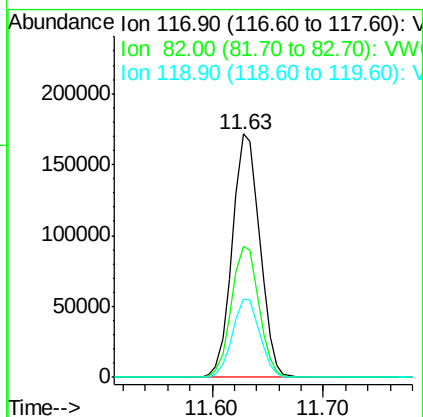
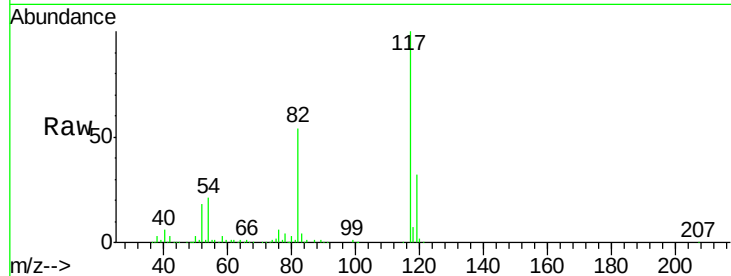




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013157.D
Acq: 19 Sep 2019 13:34

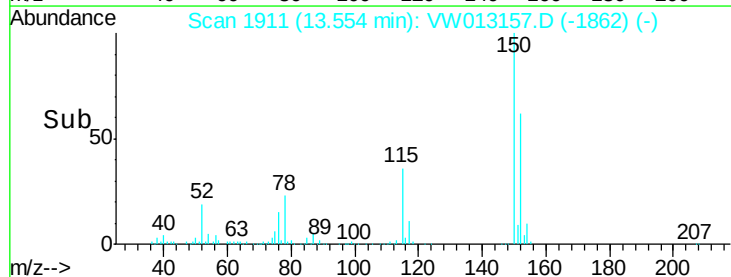
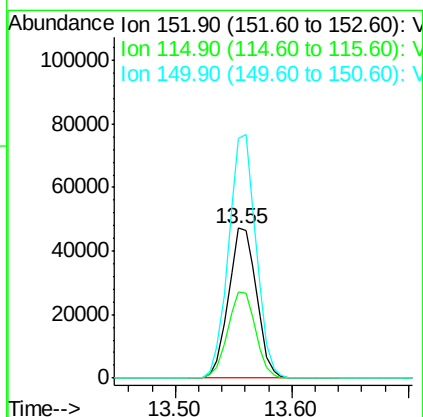
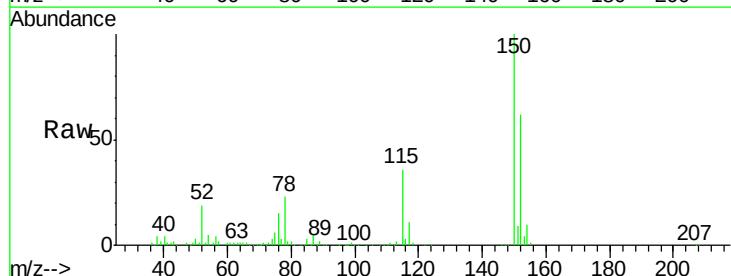
Instrument :
MSVOA_W
ClientSampleId :
CSA-4-3-1

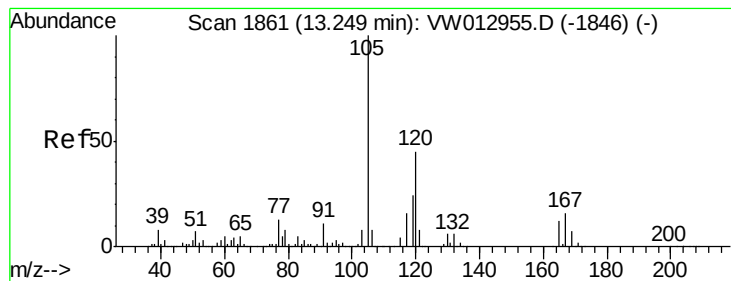
Tot Ion:117 Resp: 294183
Ion Ratio Lower Upper
117 100
82 53.9 46.3 69.5
119 32.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW013157.D
Acq: 19 Sep 2019 13:34

Tgt Ion:152 Resp: 78901
Ion Ratio Lower Upper
152 100
115 57.1 28.8 86.4
150 159.0 0.0 340.2





#84

1,2,4-Trimethylbenzene

Concen: 1.101 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW013157.D

Acq: 19 Sep 2019 13:34

Instrument :

MSVOA_W

ClientSampleId :

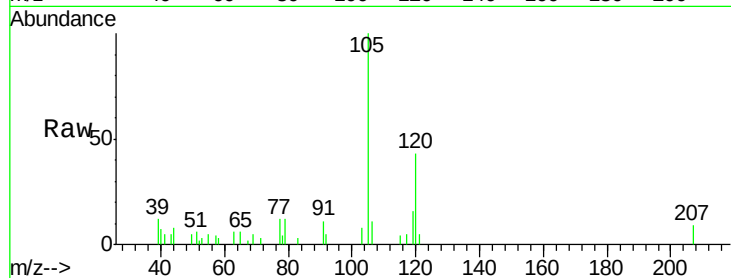
CSA-4-3-1

Tot Ion:105 Resp: 4815

Ion Ratio Lower Upper

105 100

120 44.5 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

