

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013697.D
 Acq On : 24 Oct 2019 05:42
 Operator : SY/VA
 Sample : K5502-20
 Misc : 4.24G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 176-86-(2.5)

Quant Time: Oct 24 08:51:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

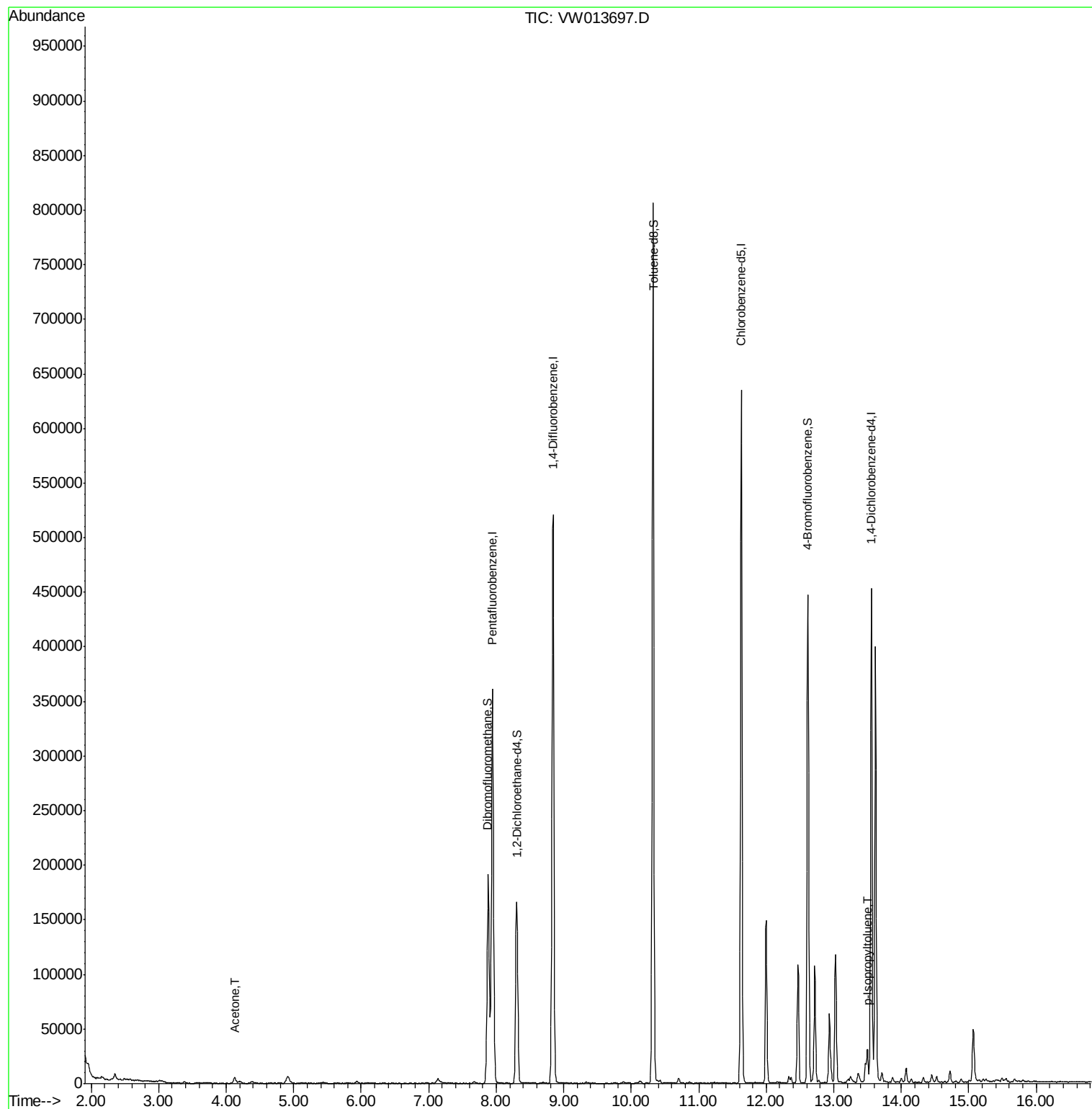
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	301240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	464847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	371508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	129933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	130985	57.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.92%	
35) Dibromofluoromethane	7.88	113	135378	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
50) Toluene-d8	10.32	98	534499	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.62	95	146609	41.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.28%	
Target Compounds						
16) Acetone	4.12	43	10234	21.359	ug/l #	85
86) p-Isopropyltoluene	13.50	119	17594	1.975	ug/l	90

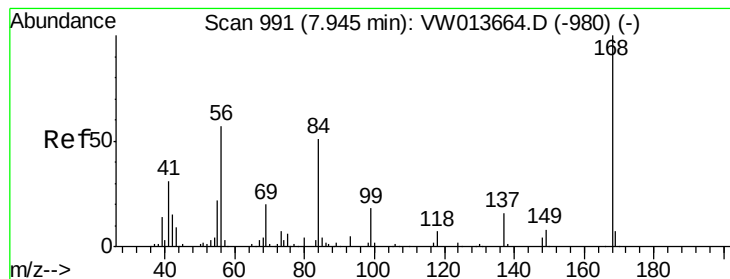
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013697.D

Acq: 24 Oct 2019 05:42

Instrument :

MSVOA_W

ClientSampleId :

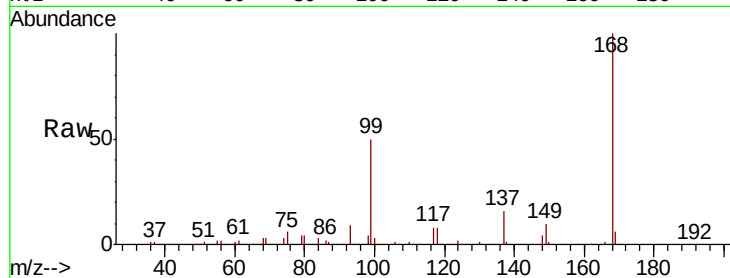
176-86-(2.5)

Tot Ion:168 Resp: 301240

Ion Ratio Lower Upper

168 100

99 50.4 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

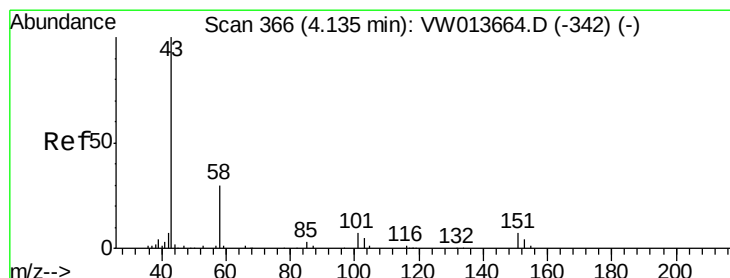
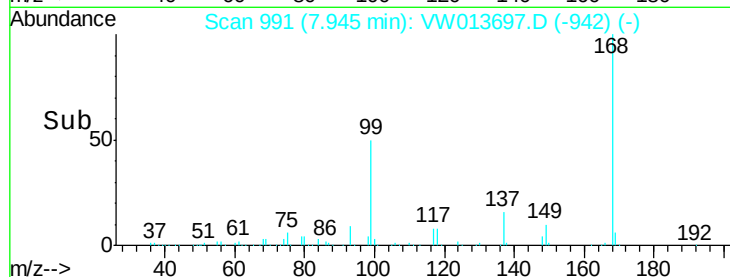
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 21.359 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW013697.D

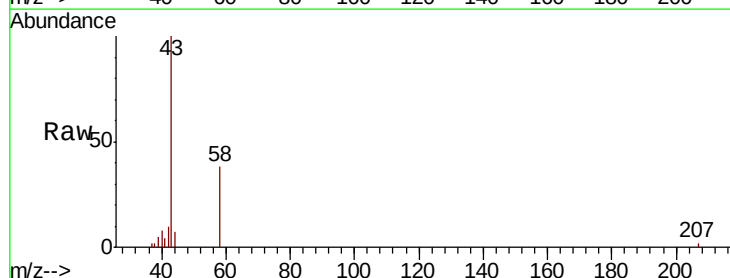
Acq: 24 Oct 2019 05:42

Tgt Ion: 43 Resp: 10234

Ion Ratio Lower Upper

43 100

58 38.3 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

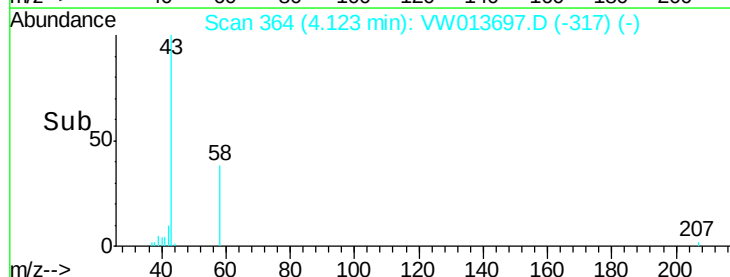
3000

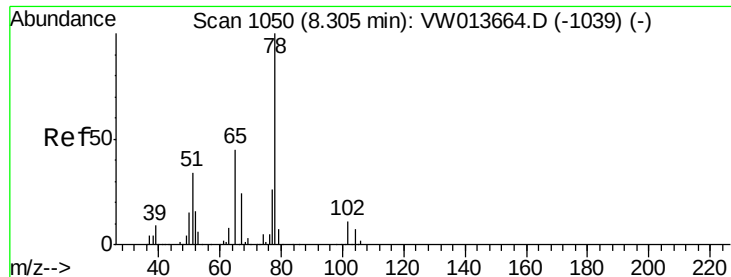
2000

1000

0

Time--> 4.00 4.10 4.20 4.30

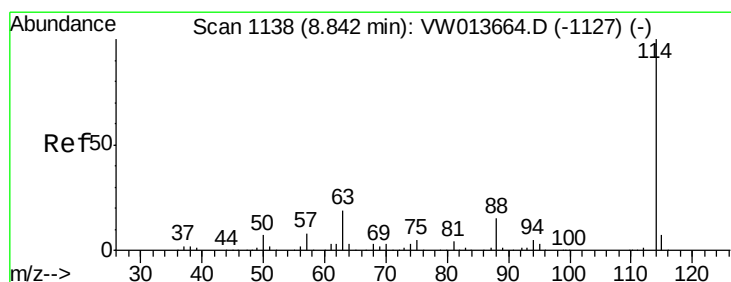
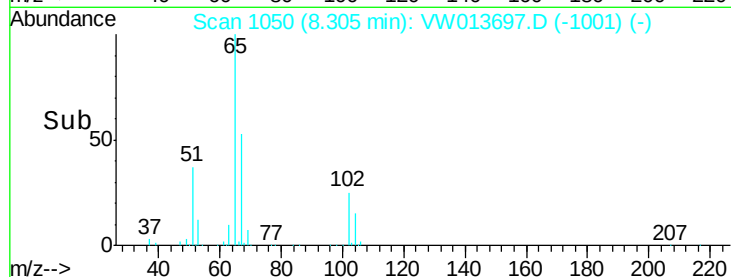
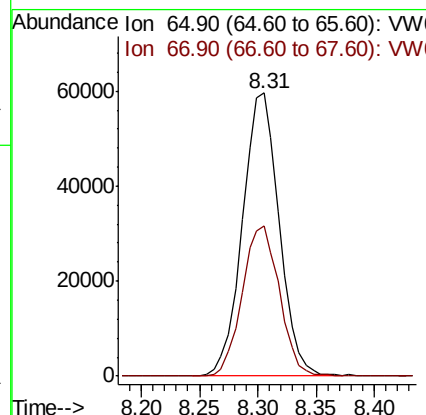
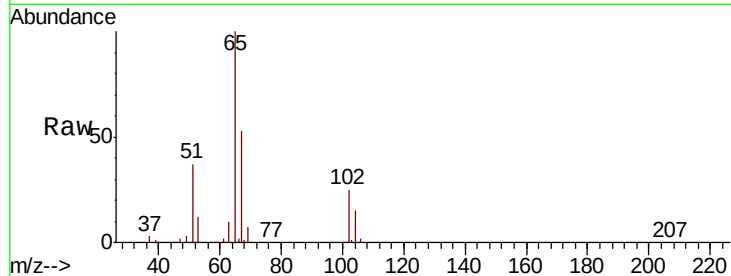




#33
 1,2-Dichloroethane-d4
 Concen: 57.963 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013697.D
 Acq: 24 Oct 2019 05:42

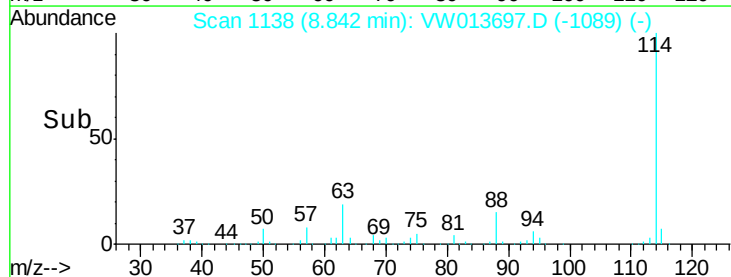
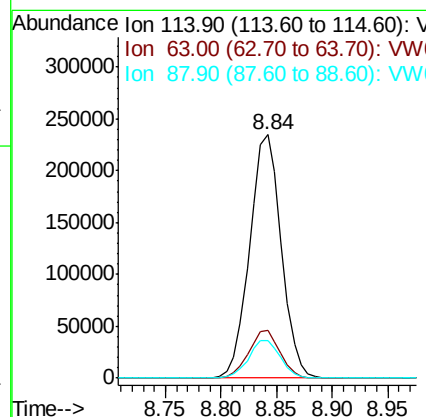
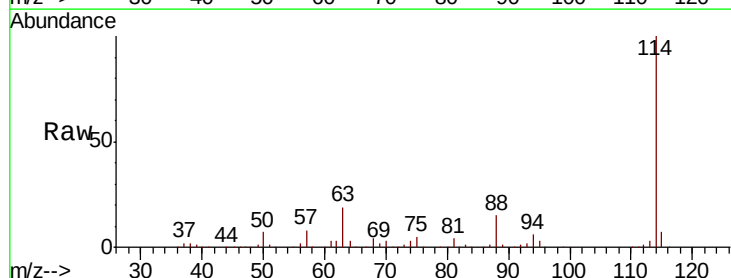
Instrument :
 MSVOA_W
 ClientSampleId :
 176-86-(2.5)

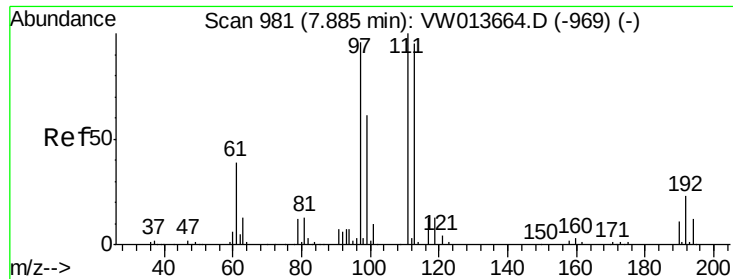
Tot Ion: 65 Resp: 130985
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013697.D
 Acq: 24 Oct 2019 05:42

Tgt Ion: 114 Resp: 464847
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.6
 88 15.2 0.0 30.2

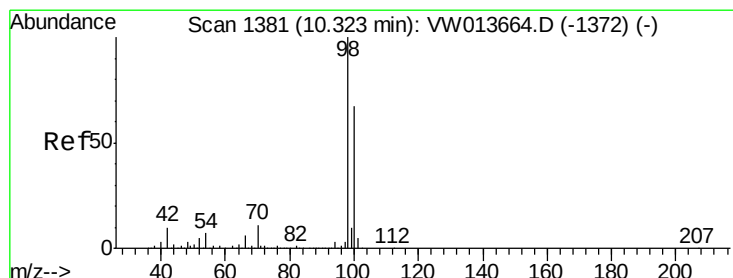
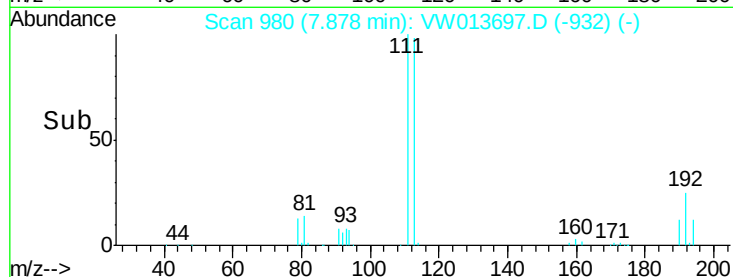
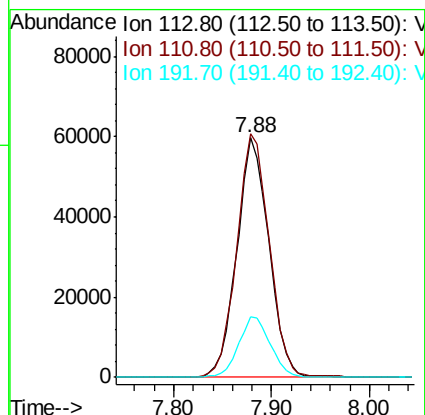
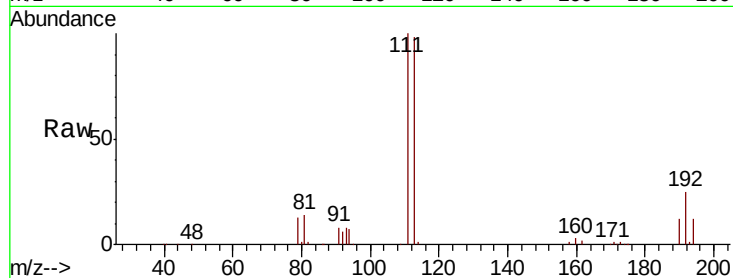




#35
 Dibromofluoromethane
 Concen: 52.412 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW013697.D
 Acq: 24 Oct 2019 05:42

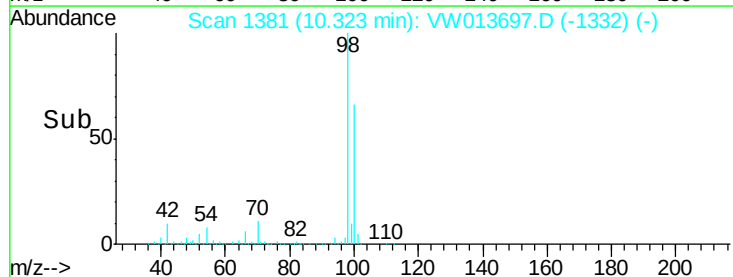
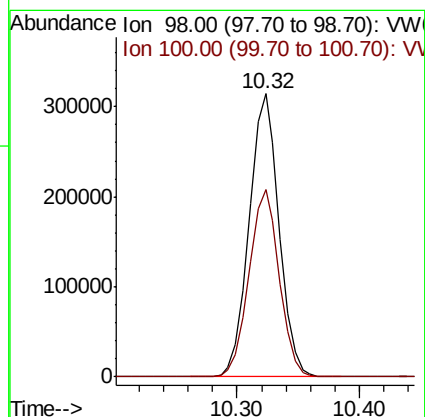
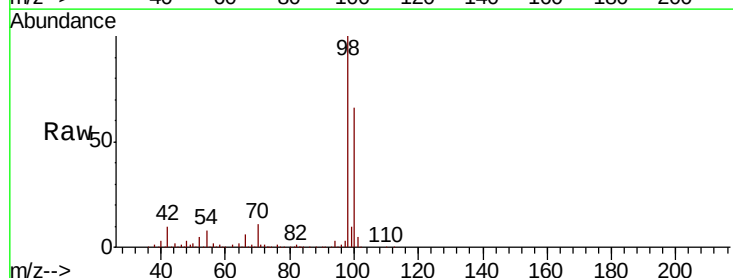
Instrument :
 MSVOA_W
 ClientSampleId :
 176-86-(2.5)

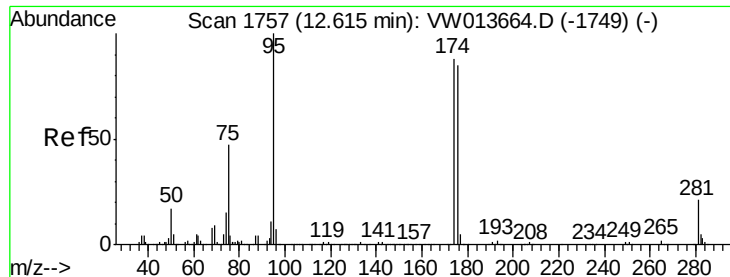
Tot Ion:113 Resp: 135378
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.0 124.6
 192 25.0 19.4 29.2



#50
 Toluene-d8
 Concen: 50.784 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW013697.D
 Acq: 24 Oct 2019 05:42

Tgt Ion: 98 Resp: 534499
 Ion Ratio Lower Upper
 98 100
 100 67.1 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 41.139 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013697.D

Acq: 24 Oct 2019 05:42

Instrument :

MSVOA_W

ClientSampleId :

176-86-(2.5)

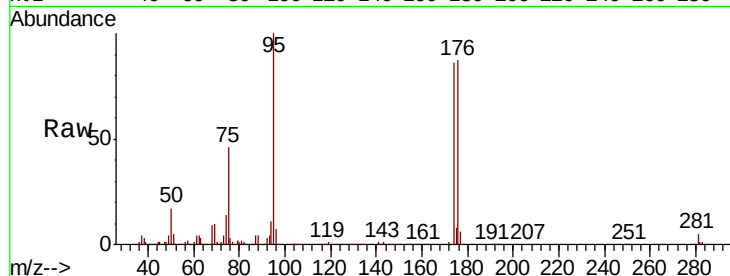
Tot Ion: 95 Resp: 146609

Ion Ratio Lower Upper

95 100

174 92.3 0.0 183.6

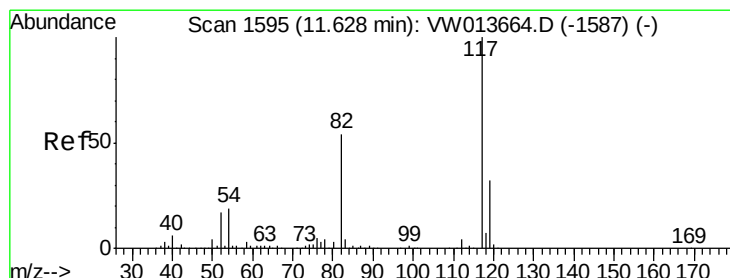
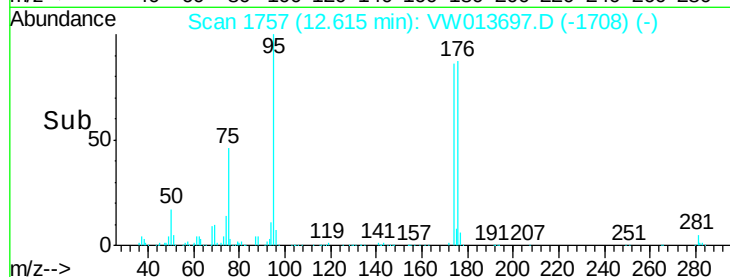
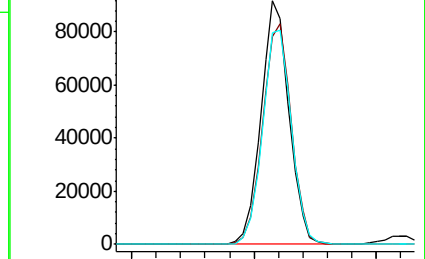
176 90.7 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013697.D

Acq: 24 Oct 2019 05:42

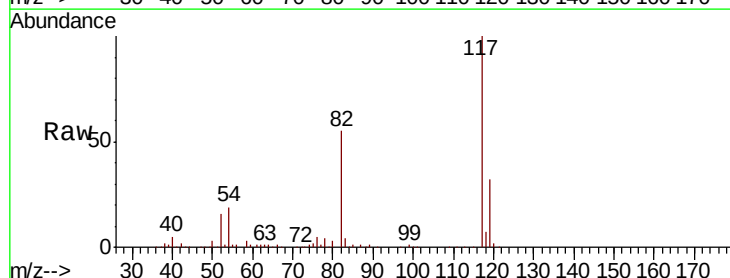
Tgt Ion: 117 Resp: 371508

Ion Ratio Lower Upper

117 100

82 54.7 43.6 65.4

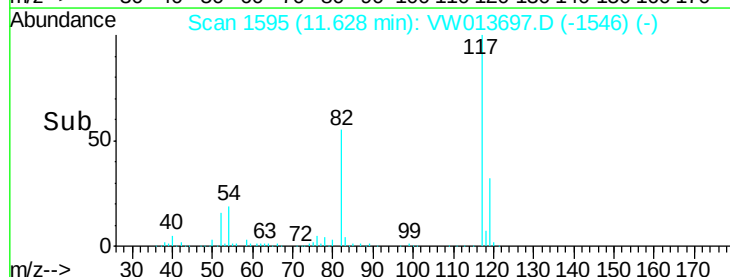
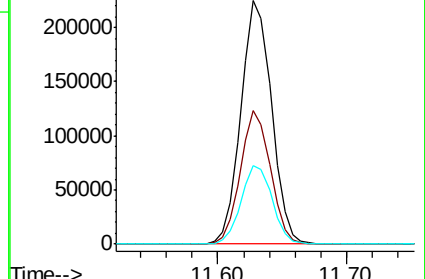
119 32.1 25.4 38.2

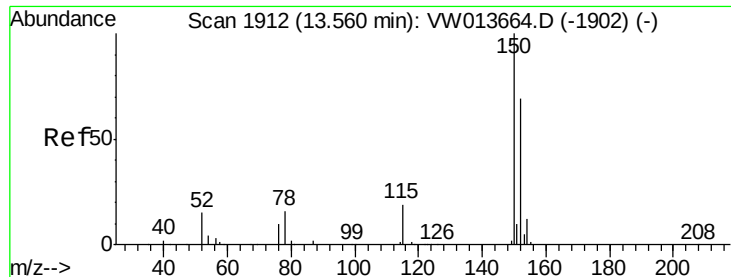


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



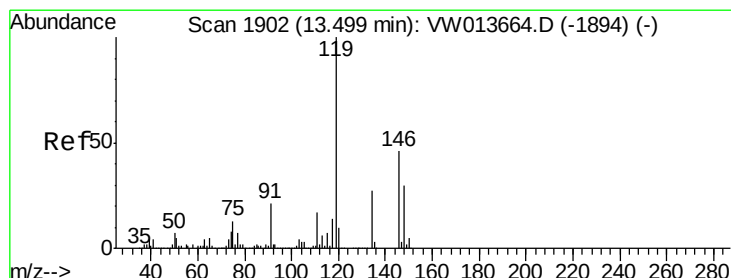
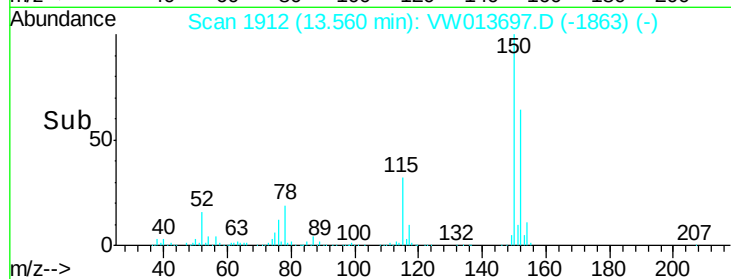
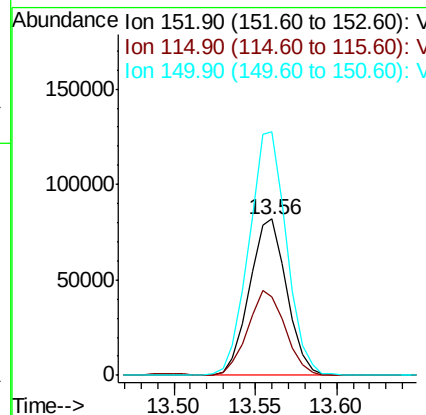
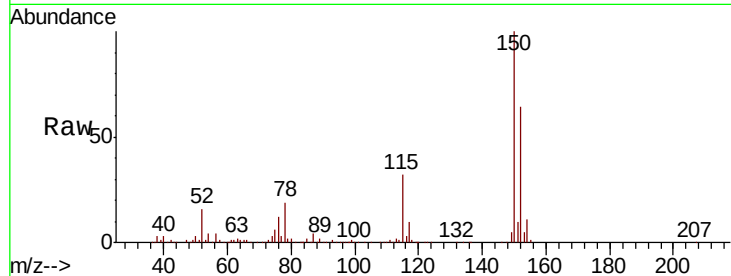


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013697.D
Acq: 24 Oct 2019 05:42

Instrument :
MSVOA_W
ClientSampleId :
176-86-(2.5)

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.4	82.2
150	157.7	0.0	345.4



#86

p-Isopropyltoluene
Concen: 1.975 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW013697.D
Acq: 24 Oct 2019 05:42

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.5	13.4	40.1
91	30.7	10.8	32.3

