

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092419\
 Data File : VW013279.D
 Acq On : 24 Sep 2019 16:30
 Operator : SY/VA
 Sample : K5020-01
 Misc : 4.22G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-3860

Quant Time: Sep 25 08:05:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

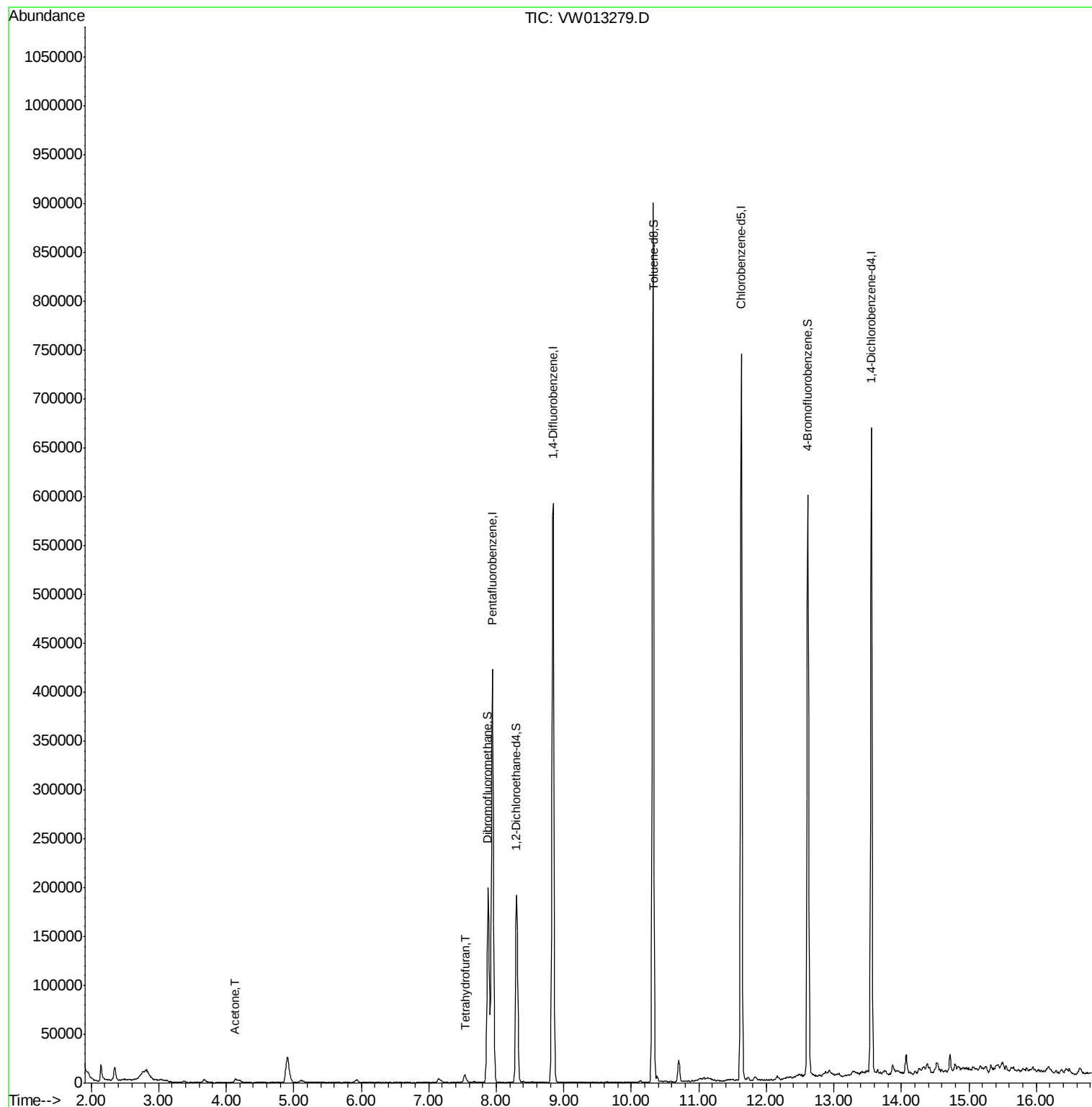
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	355597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	528194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	440232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	188497	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	150602	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
35) Dibromofluoromethane	7.88	113	146934	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
50) Toluene-d8	10.32	98	614727	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.62	95	191304	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.12%	
Target Compounds						
16) Acetone	4.14	43	6987	10.676	ug/l	99
29) Tetrahydrofuran	7.53	42	7285	12.091	ug/l	96

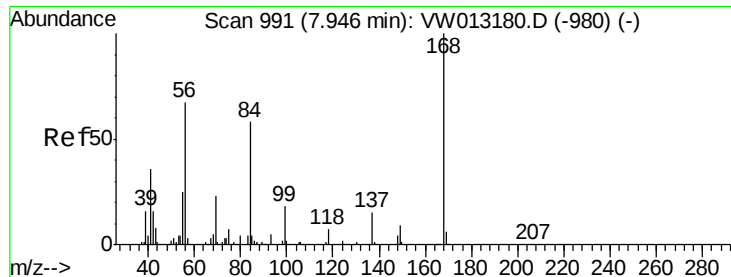
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013279.D

Acq: 24 Sep 2019 16:30

Instrument :

MSVOA_W

ClientSampleId :

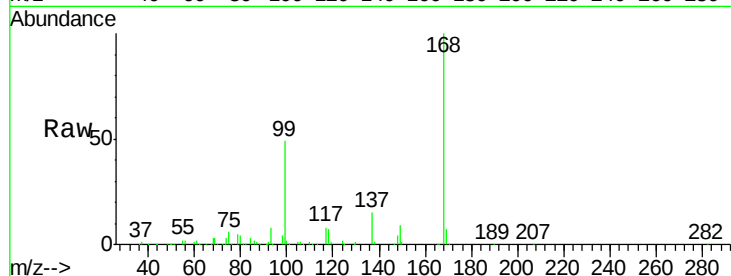
RT-3860

Tot Ion:168 Resp: 355597

Ion Ratio Lower Upper

168 100

99 48.6 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

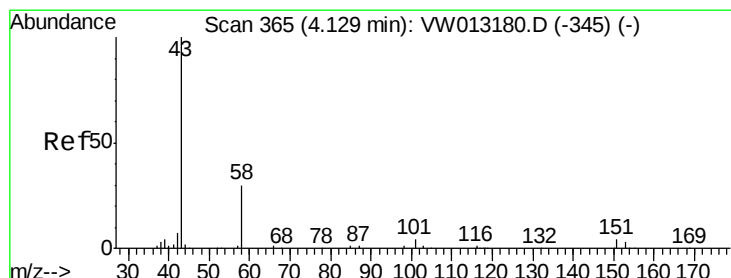
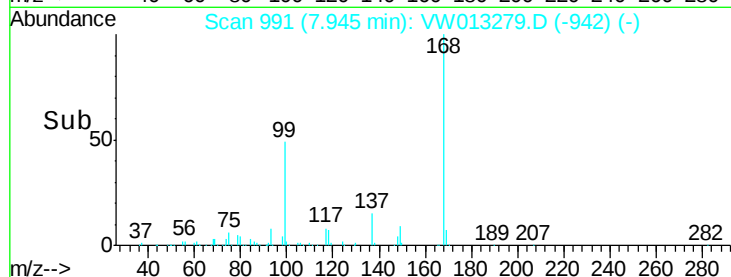
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.676 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW013279.D

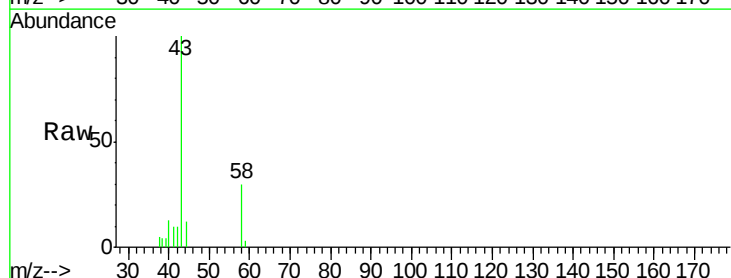
Acq: 24 Sep 2019 16:30

Tgt Ion: 43 Resp: 6987

Ion Ratio Lower Upper

43 100

58 30.5 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2500

2000

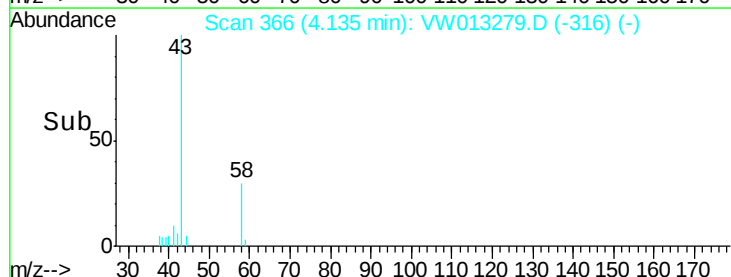
1500

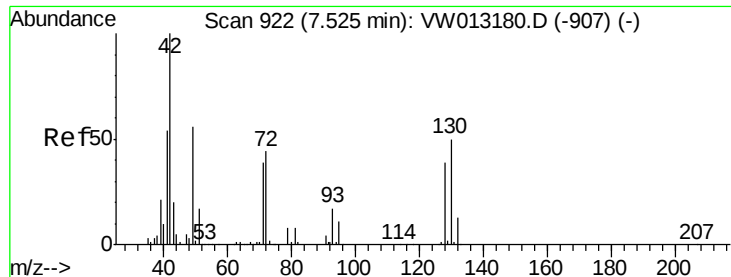
1000

500

0

Time-->

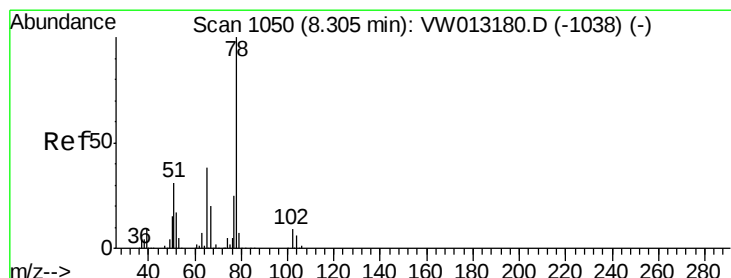
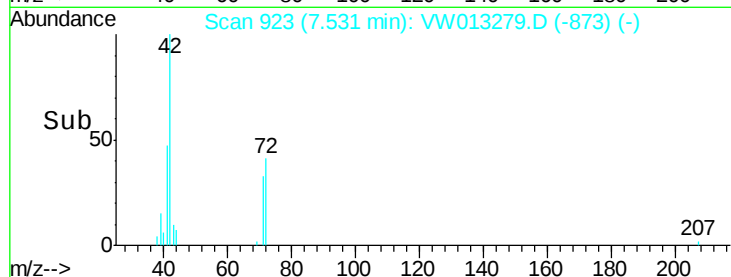
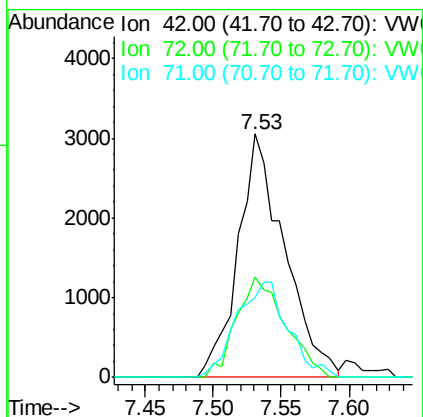
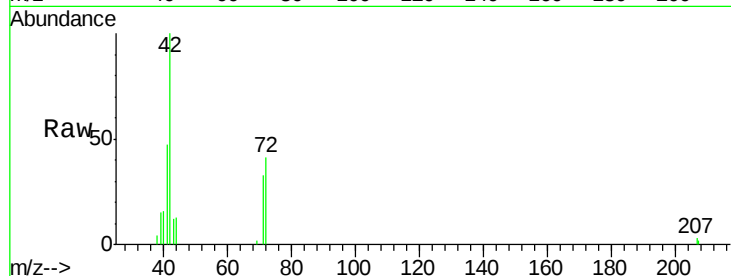




#29
Tetrahydrofuran
Concen: 12.091 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013279.D
Acq: 24 Sep 2019 16:30

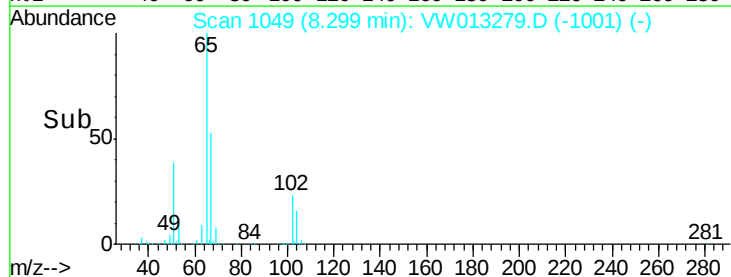
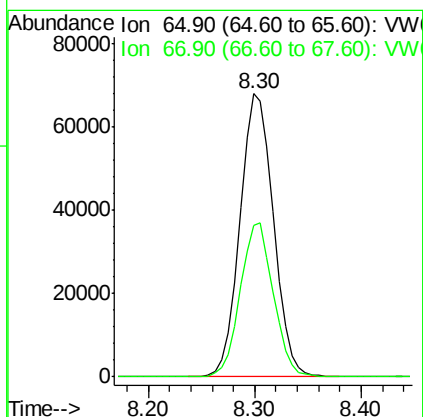
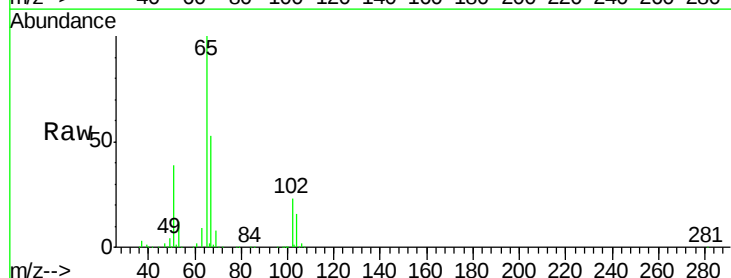
Instrument :
MSVOA_W
ClientSampled :
RT-3860

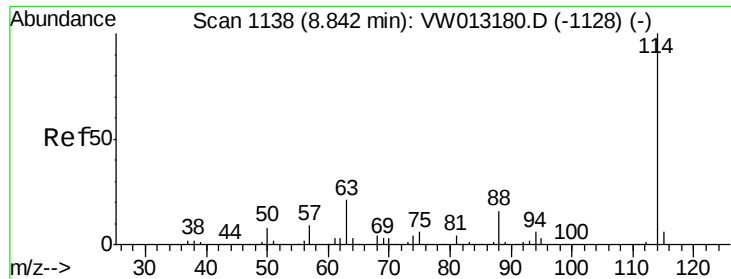
Tot Ion: 42 Resp: 7285
Ion Ratio Lower Upper
42 100
72 43.2 33.9 50.9
71 43.5 31.9 47.9



#33
1,2-Dichloroethane-d4
Concen: 51.893 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW013279.D
Acq: 24 Sep 2019 16:30

Tgt Ion: 65 Resp: 150602
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.2

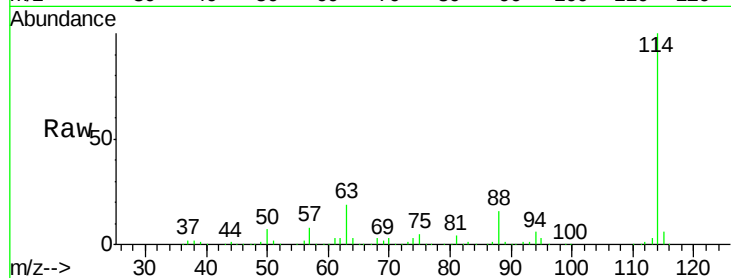




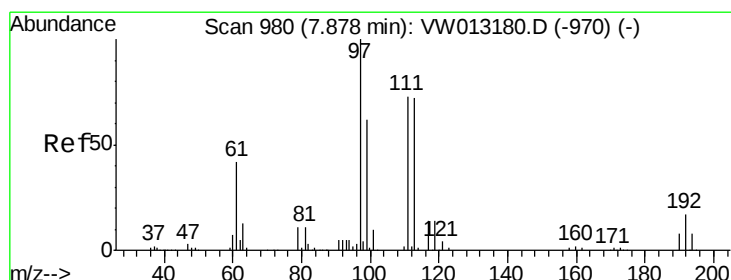
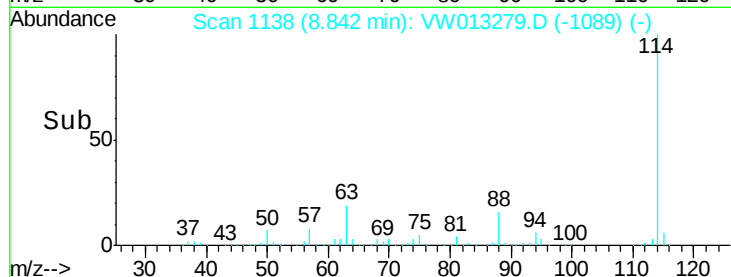
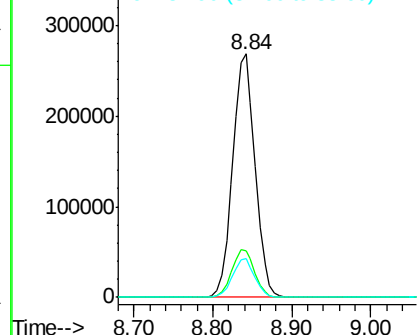
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013279.D
 Acq: 24 Sep 2019 16:30

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-3860

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	41.4
88	15.8	0.0	32.0

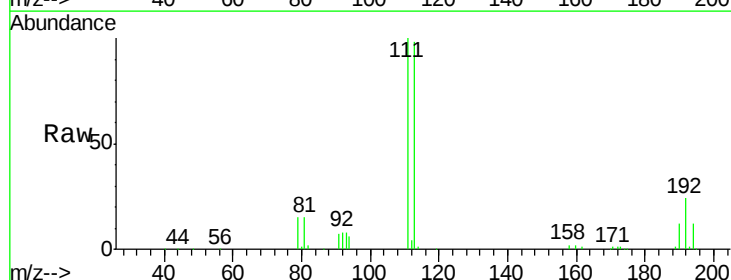


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

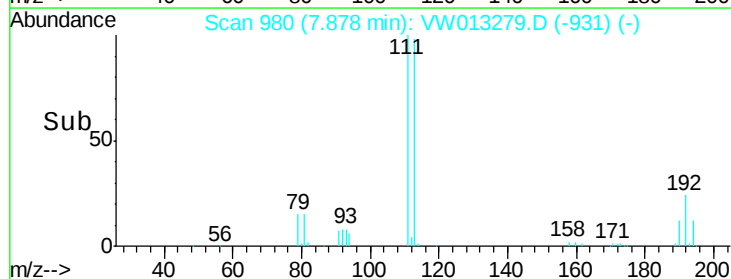
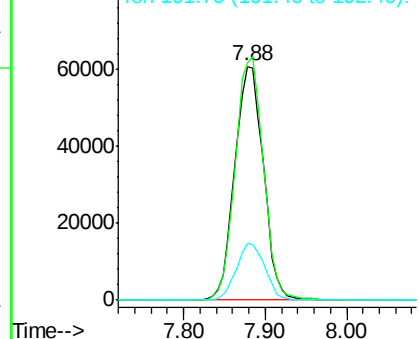


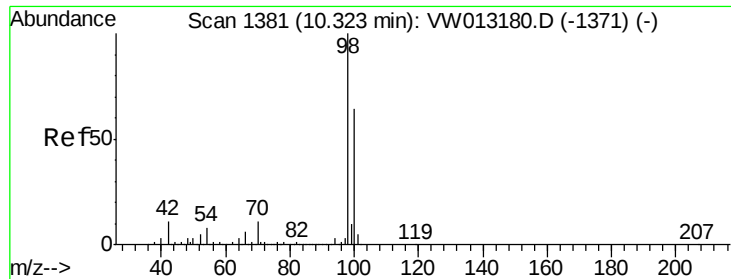
#35
 Dibromofluoromethane
 Concen: 50.578 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013279.D
 Acq: 24 Sep 2019 16:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	24.0	19.1	28.7



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: 50.561 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013279.D

Acq: 24 Sep 2019 16:30

Instrument :

MSVOA_W

ClientSampleId :

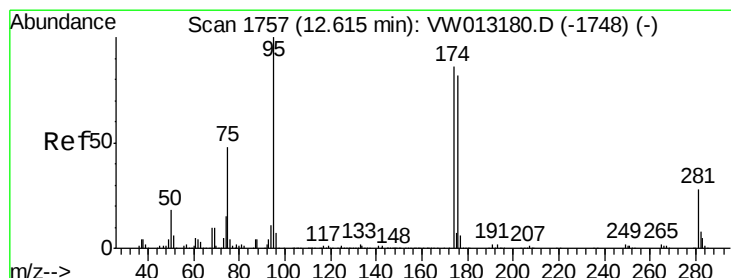
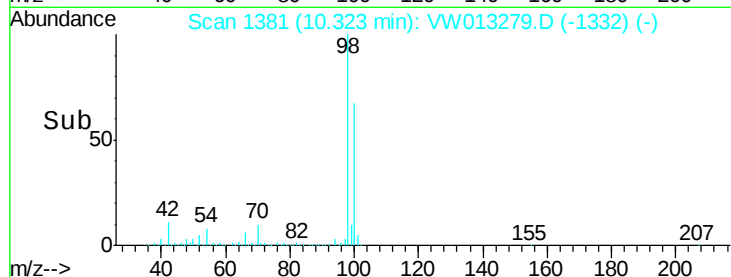
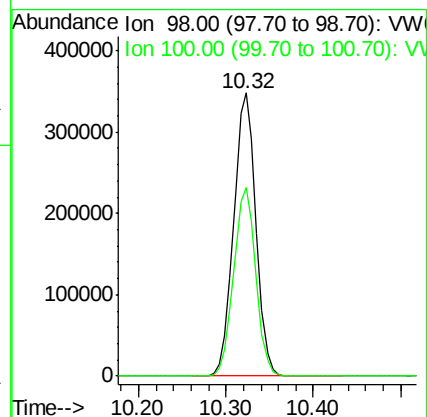
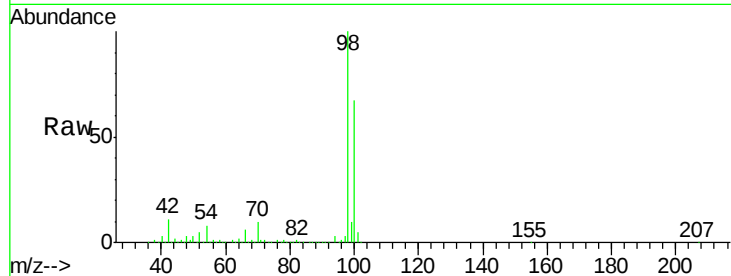
RT-3860

Tot Ion: 98 Resp: 614727

Ion Ratio Lower Upper

98 100

100 66.3 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.063 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013279.D

Acq: 24 Sep 2019 16:30

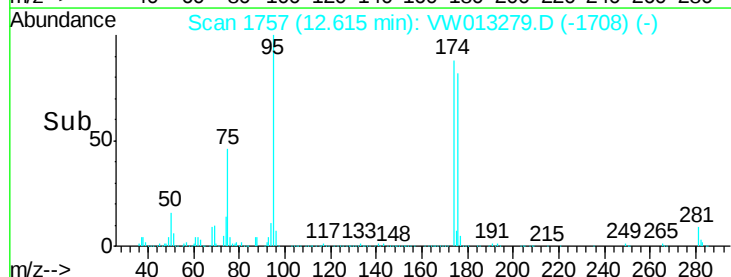
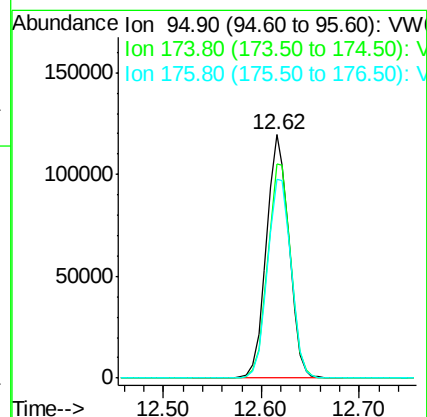
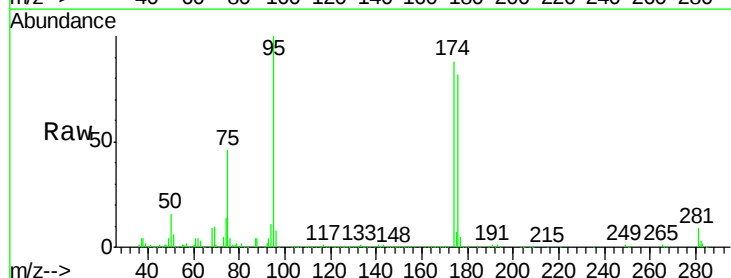
Tgt Ion: 95 Resp: 191304

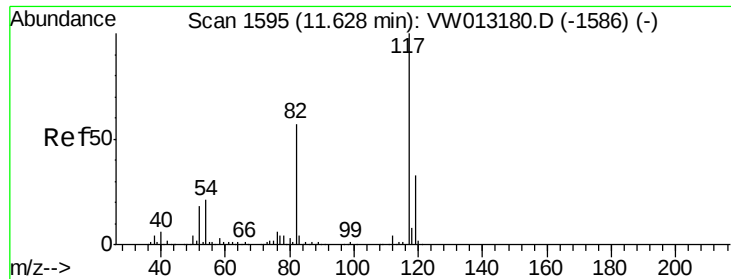
Ion Ratio Lower Upper

95 100

174 89.6 0.0 178.4

176 85.3 0.0 172.2

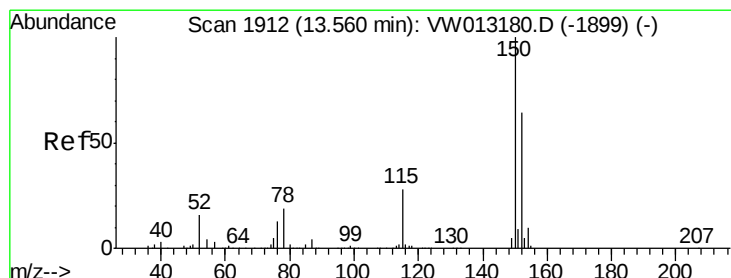
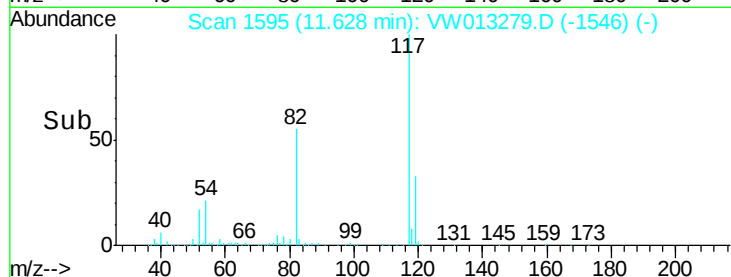
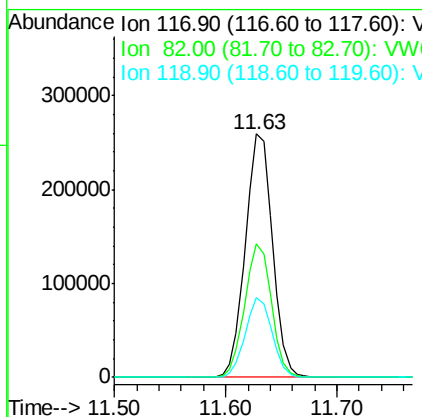
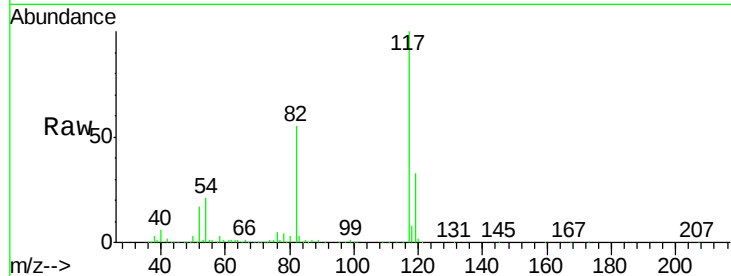




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013279.D
Acq: 24 Sep 2019 16:30

Instrument :
MSVOA_W
ClientSampleId :
RT-3860

Tot Ion:117 Resp: 440232
Ion Ratio Lower Upper
117 100
82 54.8 45.9 68.9
119 32.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013279.D
Acq: 24 Sep 2019 16:30

Tgt Ion:152 Resp: 188497
Ion Ratio Lower Upper
152 100
115 54.3 27.3 81.9
150 157.0 0.0 349.0

