

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005443.D
 Acq On : 17 Sep 2018 19:17
 Operator : SY/AP
 Sample : J4960-01
 Misc : 5.45G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S1

Quant Time: Sep 18 02:07:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

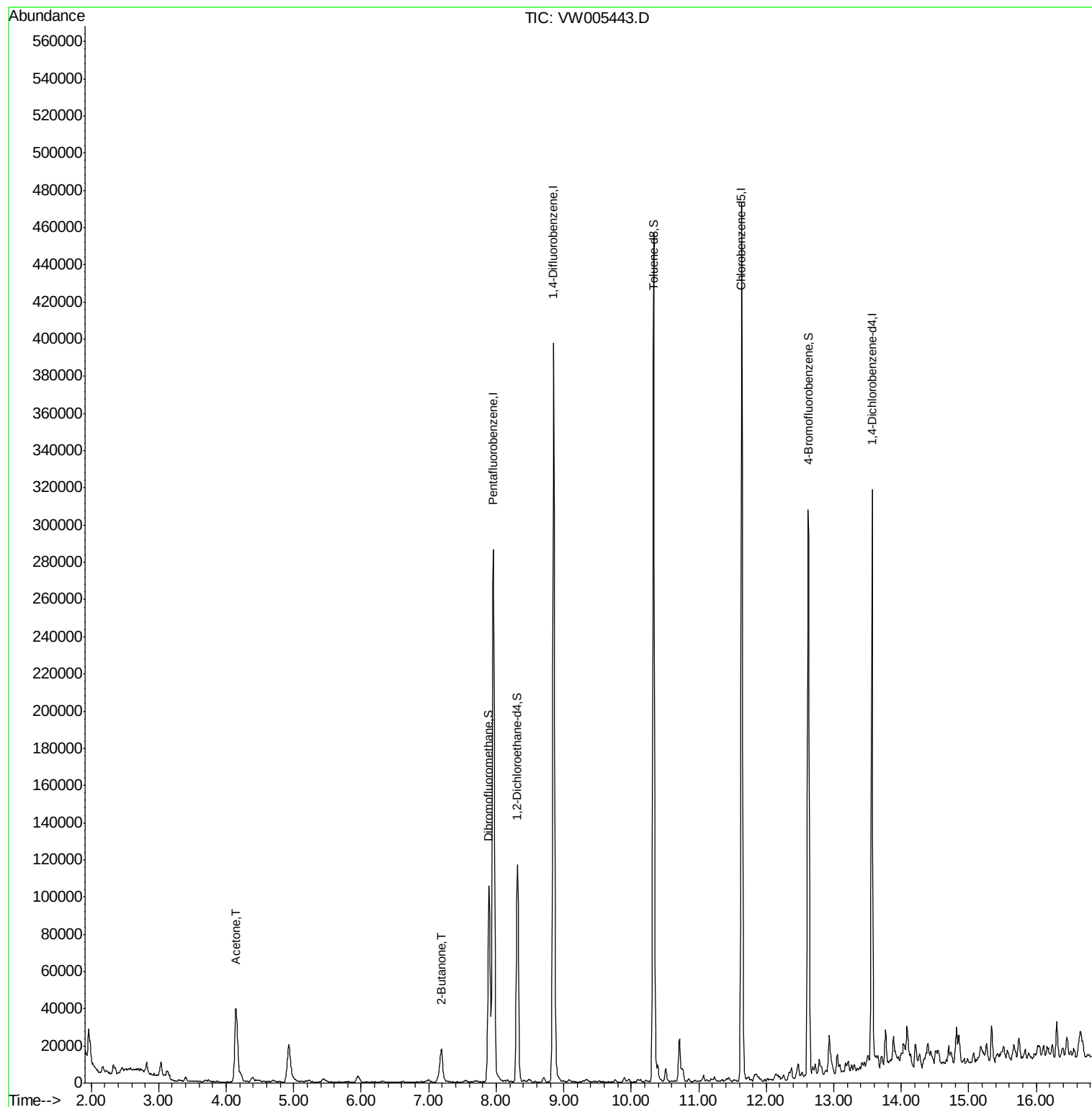
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	218068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	336941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	265279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	80116	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	97733	43.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.36%	
35) Dibromofluoromethane	7.89	113	75420	39.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.84%	
50) Toluene-d8	10.33	98	304837	35.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.46%	
62) 4-Bromofluorobenzene	12.62	95	80223	25.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.58%	
Target Compounds						
16) Acetone	4.15	43	77989	238.78	ug/l	Qvalue 100
25) 2-Butanone	7.19	43	29670	54.49	ug/l	93

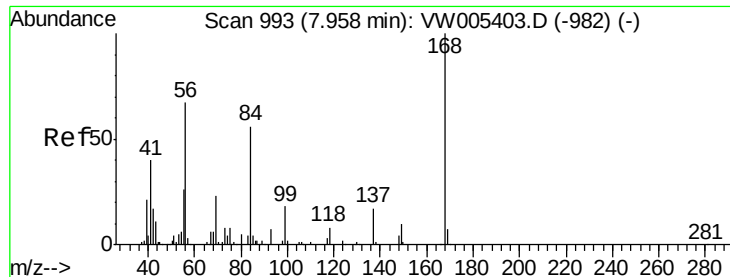
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

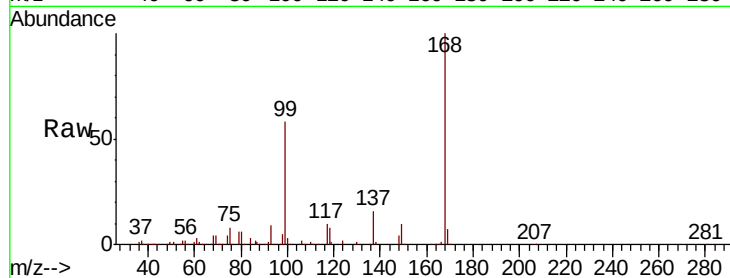
S1

Tot Ion:168 Resp: 218068

Ion Ratio Lower Upper

168 100

99 58.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

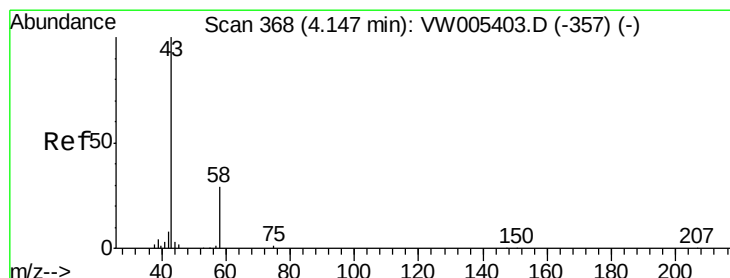
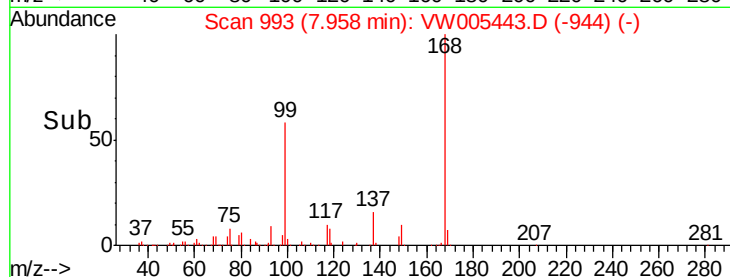
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 238.78 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW005443.D

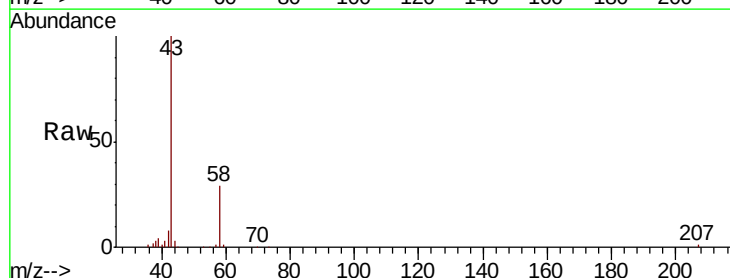
Acq: 17 Sep 2018 19:17

Tgt Ion: 43 Resp: 77989

Ion Ratio Lower Upper

43 100

58 28.6 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

30000

25000

20000

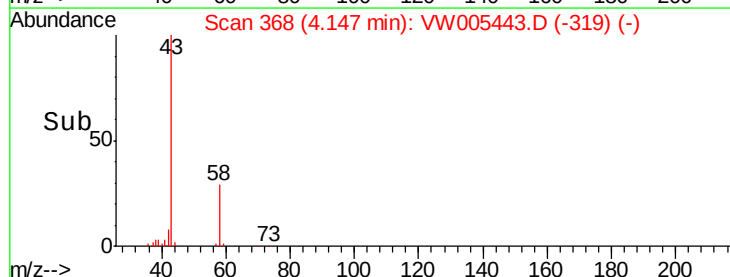
15000

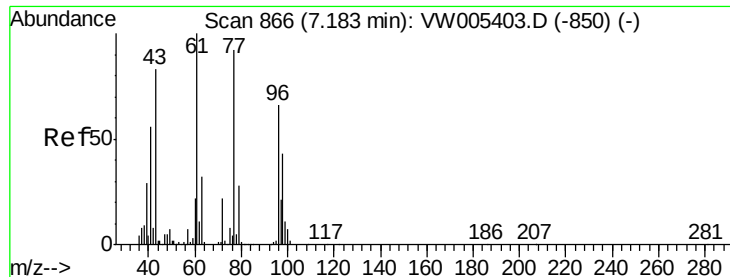
10000

5000

0

Time--> 4.00 4.10 4.20 4.30





#25

2-Butanone

Concen: 54.49 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW005443.D

Acq: 17 Sep 2018 19:17

Instrument :

MSVOA_W

ClientSampleId :

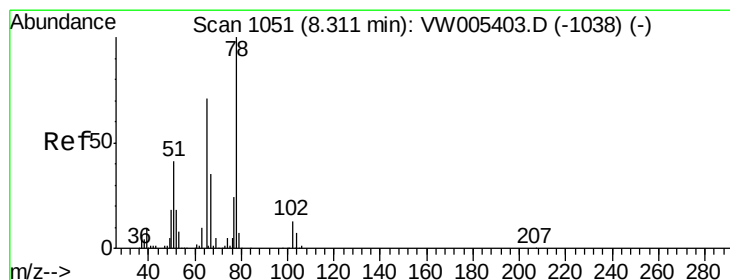
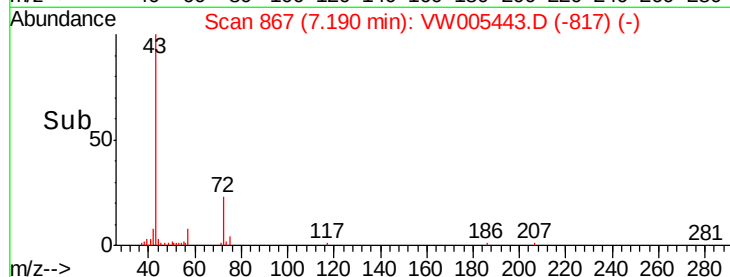
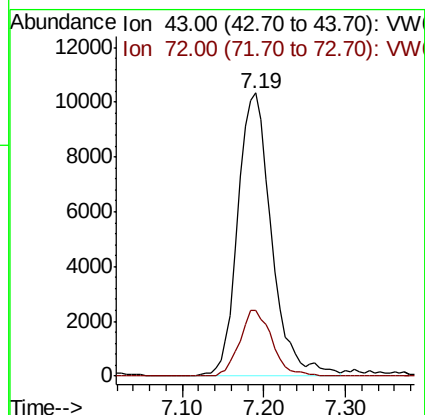
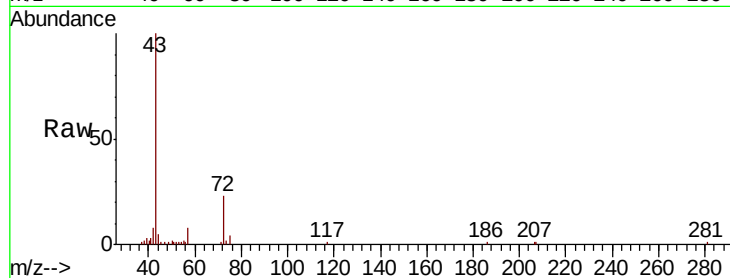
S1

Tot Ion: 43 Resp: 29670

Ion Ratio Lower Upper

43 100

72 23.0 21.1 31.7



#33

1,2-Dichloroethane-d4

Concen: 43.18 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005443.D

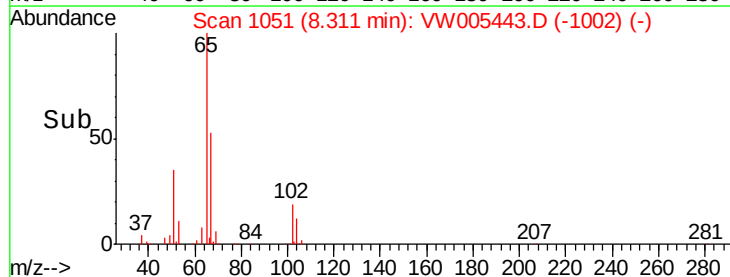
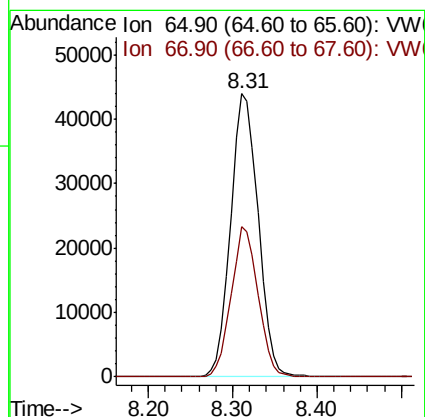
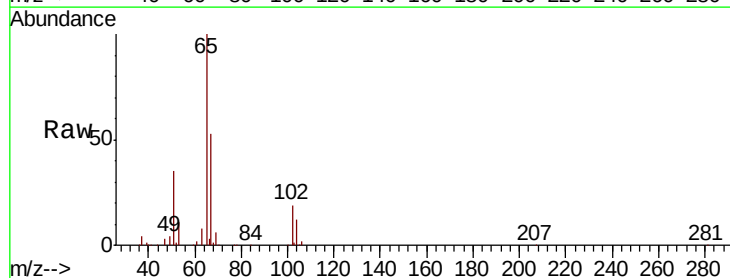
Acq: 17 Sep 2018 19:17

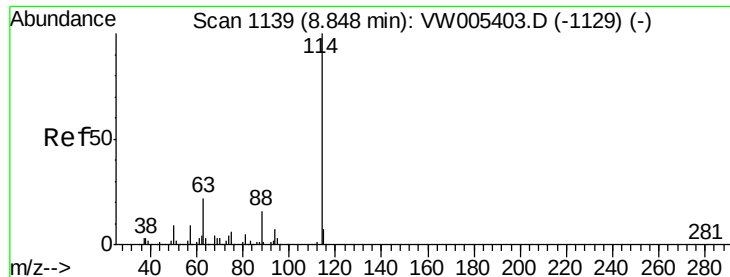
Tgt Ion: 65 Resp: 97733

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1140

Delta R.T. 0.01 min

Lab File: VW005443.D

Acq: 17 Sep 2018 19:17

Instrument :

MSVOA_W

ClientSampleId :

S1

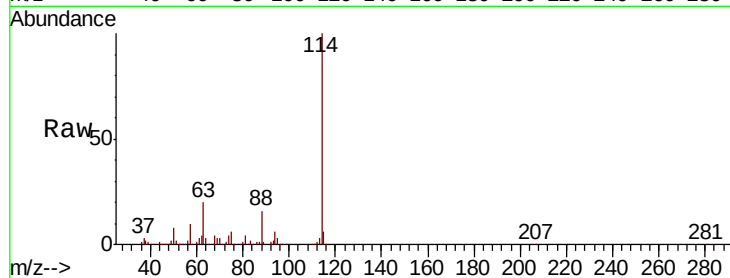
Tot Ion:114 Resp: 336941

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.4

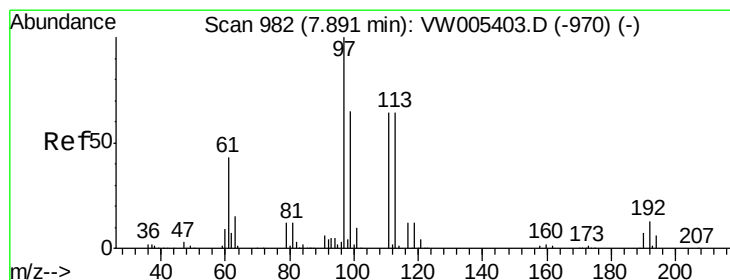
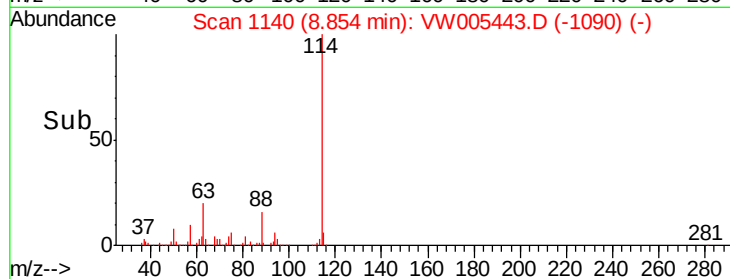
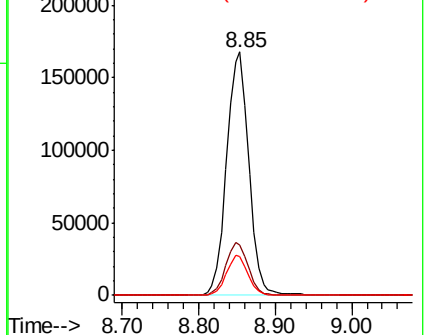
88 15.8 0.0 31.8



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: 39.92 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW005443.D

Acq: 17 Sep 2018 19:17

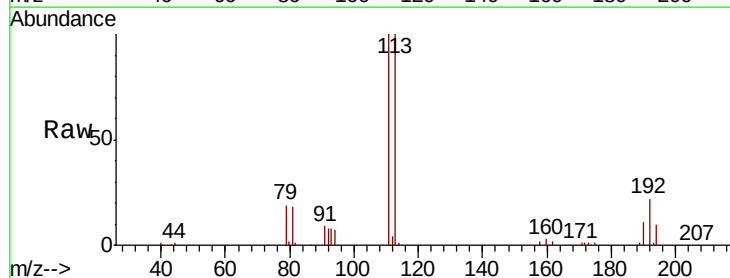
Tgt Ion:113 Resp: 75420

Ion Ratio Lower Upper

113 100

111 103.6 82.3 123.5

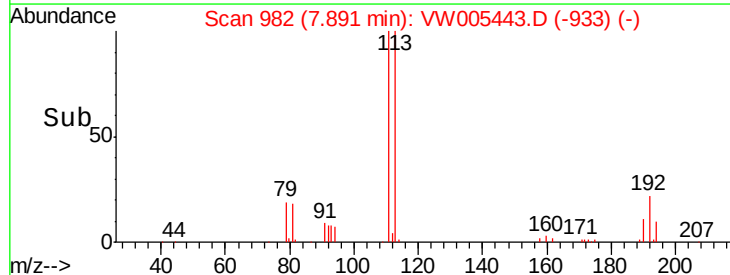
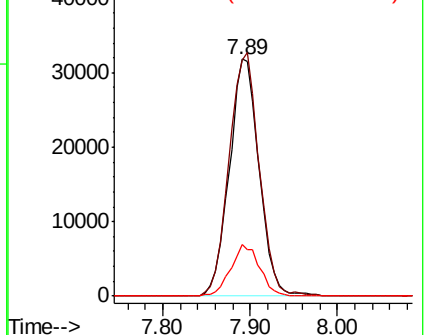
192 21.0 16.5 24.7

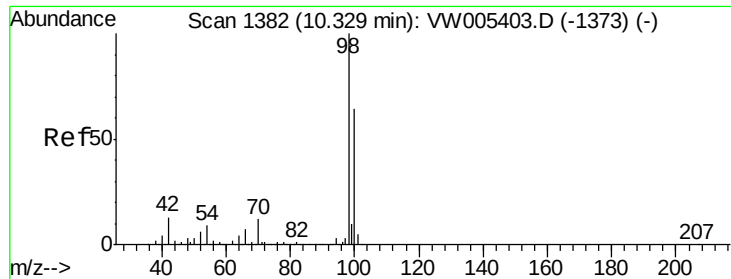


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 35.23 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005443.D

Acq: 17 Sep 2018 19:17

Instrument :

MSVOA_W

ClientSampleId :

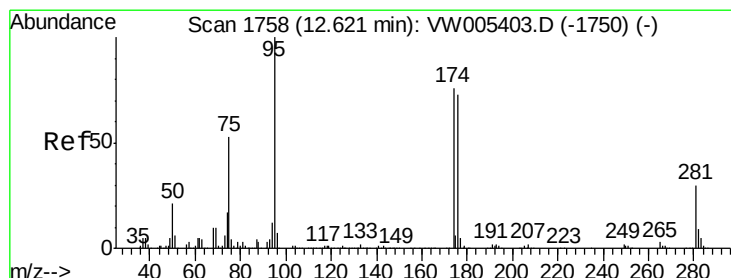
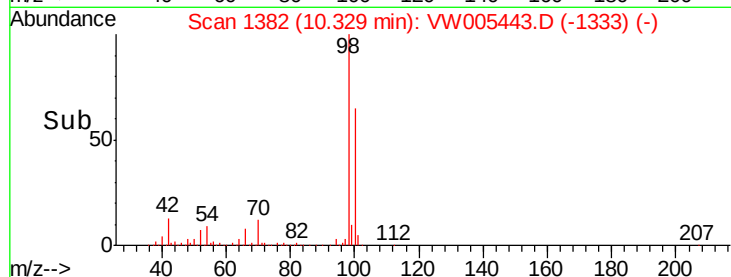
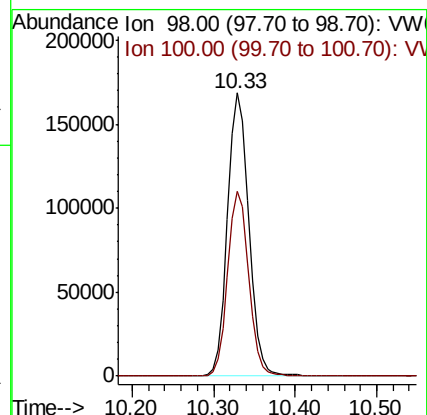
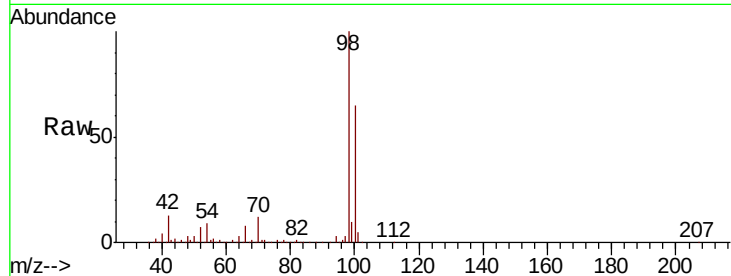
S1

Tot Ion: 98 Resp: 304837

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 25.29 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005443.D

Acq: 17 Sep 2018 19:17

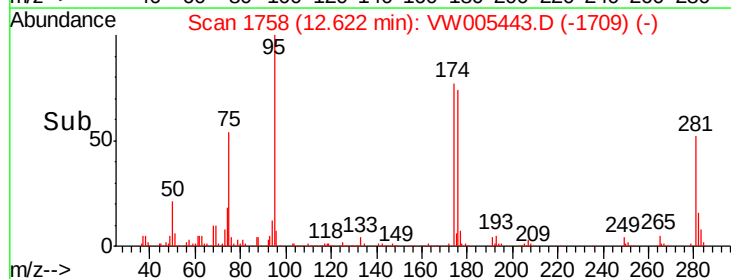
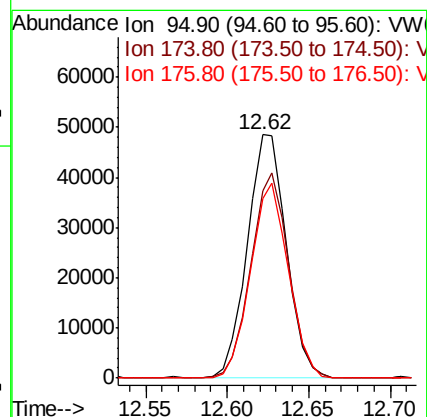
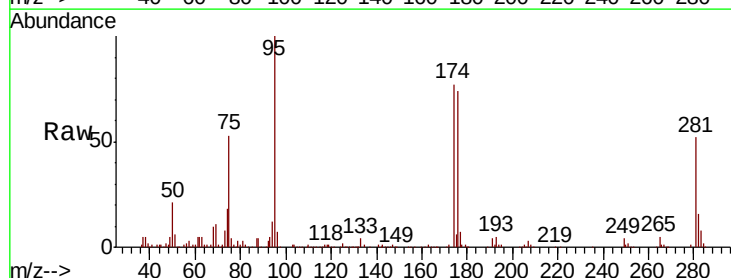
Tgt Ion: 95 Resp: 80223

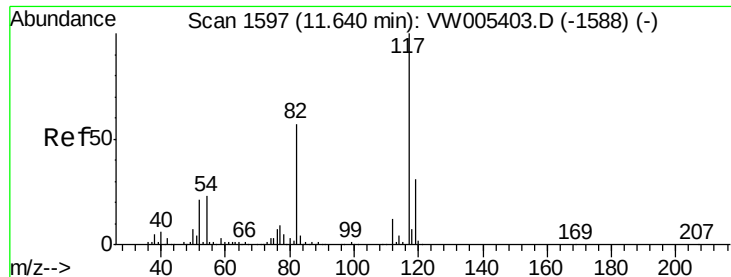
Ion Ratio Lower Upper

95 100

174 82.1 0.0 161.2

176 78.4 0.0 156.6

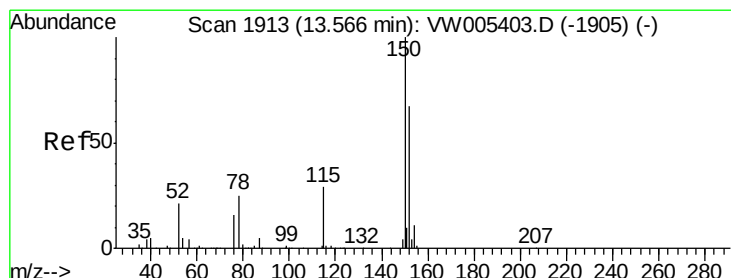
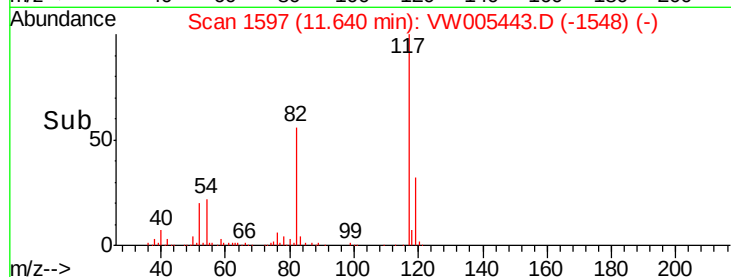
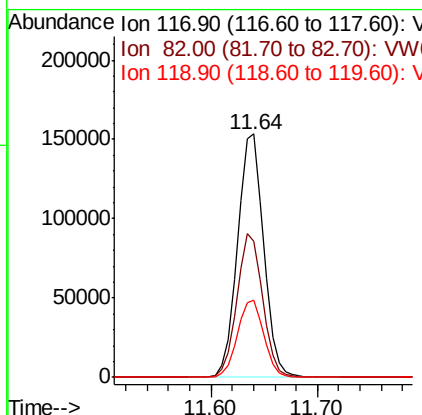
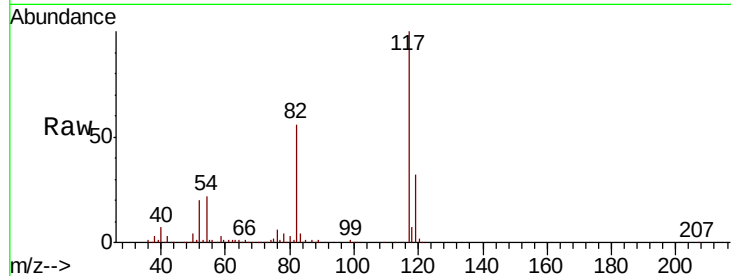




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005443.D
Acq: 17 Sep 2018 19:17

Instrument :
MSVOA_W
ClientSampled :
S1

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	45.9	68.9
119	31.6	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005443.D
Acq: 17 Sep 2018 19:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.5	88.5
150	156.7	0.0	345.6

