

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092718\
 Data File : VW005702.D
 Acq On : 27 Sep 2018 16:09
 Operator : VA/AP
 Sample : J5097-05RE
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3RE

Quant Time: Sep 28 02:10:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

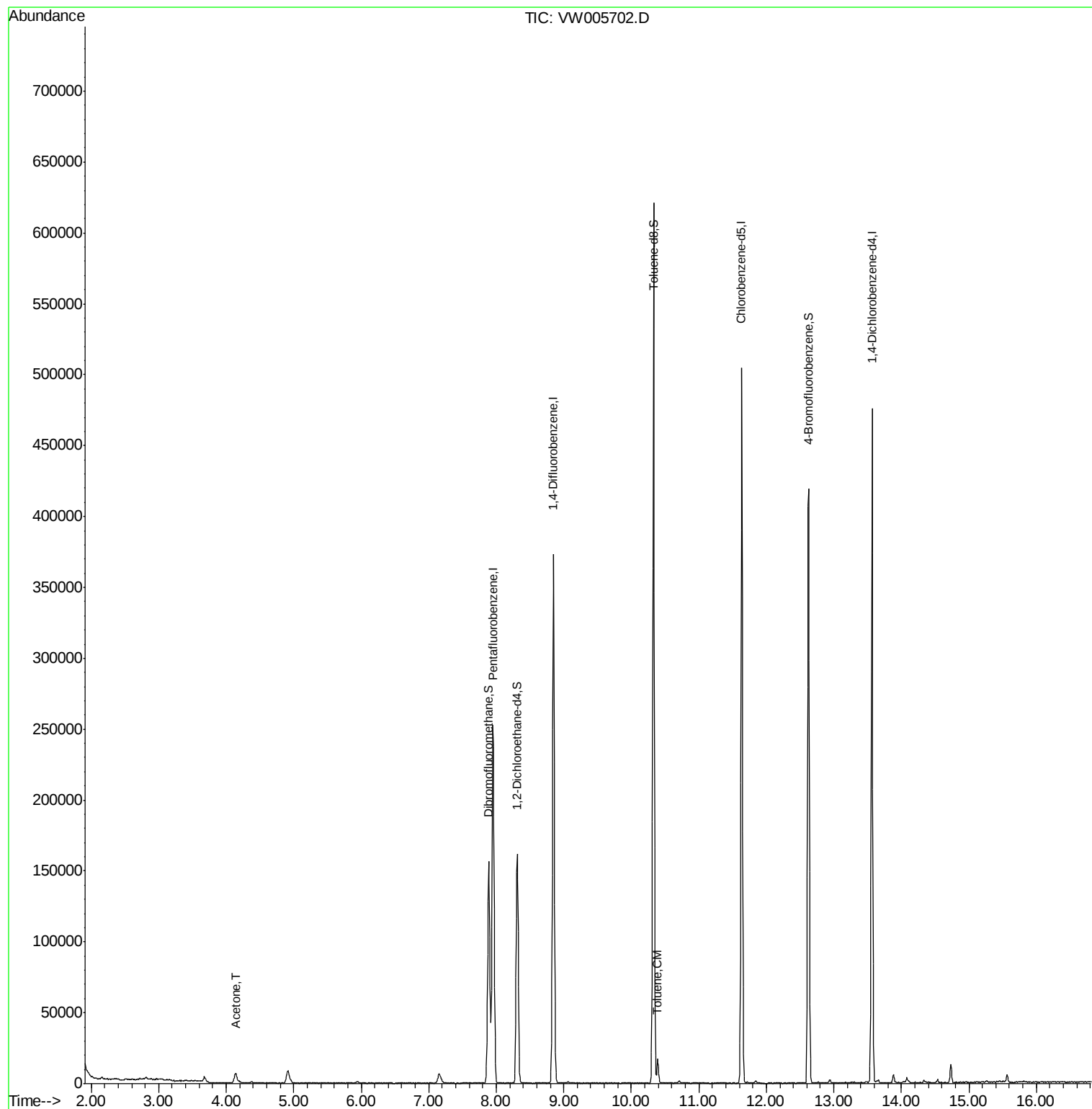
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	186827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	301228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	277426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	124836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	134396	61.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.12%	
35) Dibromofluoromethane	7.89	113	108359	57.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.40%	
50) Toluene-d8	10.33	98	404795	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
62) 4-Bromofluorobenzene	12.63	95	132447	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
Target Compounds						
16) Acetone	4.14	43	13714	31.383	ug/l	95
52) Toluene	10.39	92	6582	1.228	ug/l	98

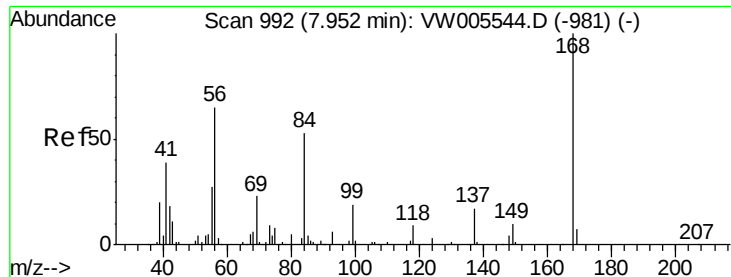
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005702.D

Acq: 27 Sep 2018 16:09

Instrument :

MSVOA_W

ClientSampleId :

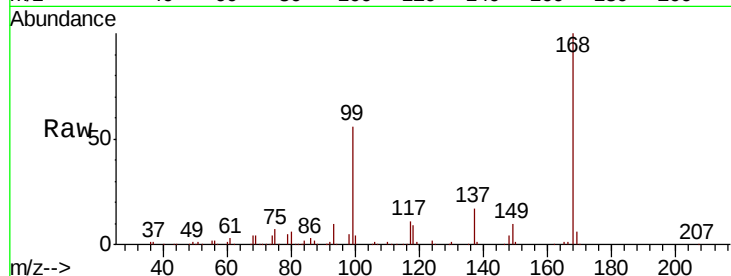
TP-3RE

Tot Ion:168 Resp: 186827

Ion Ratio Lower Upper

168 100

99 56.1 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

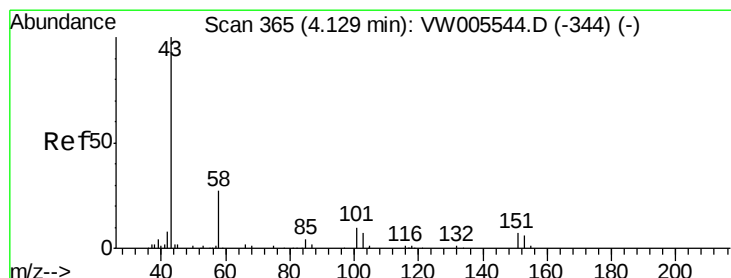
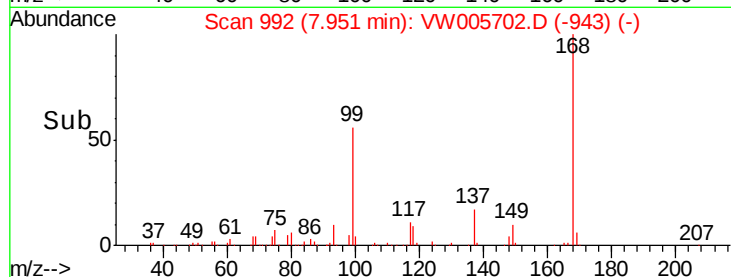
20000

0

Time-->

7.90

8.00



#16

Acetone

Concen: 31.383 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005702.D

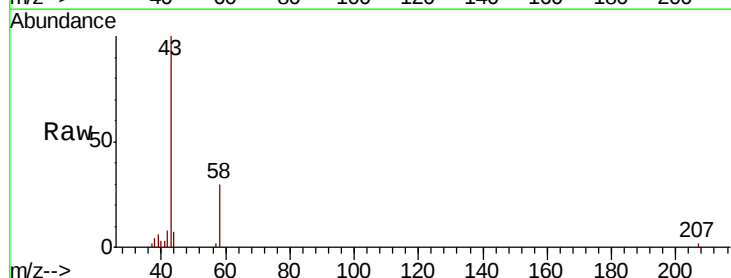
Acq: 27 Sep 2018 16:09

Tgt Ion: 43 Resp: 13714

Ion Ratio Lower Upper

43 100

58 29.7 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

5000

4000

3000

2000

1000

0

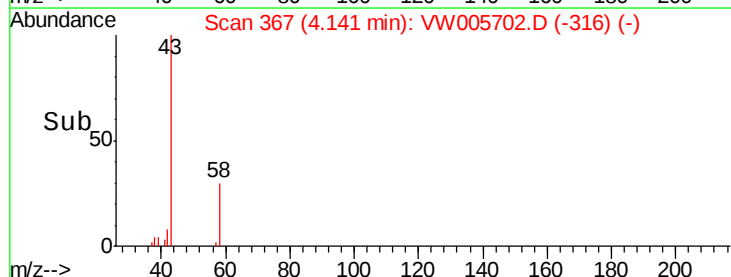
Time-->

4.00

4.10

4.20

4.30

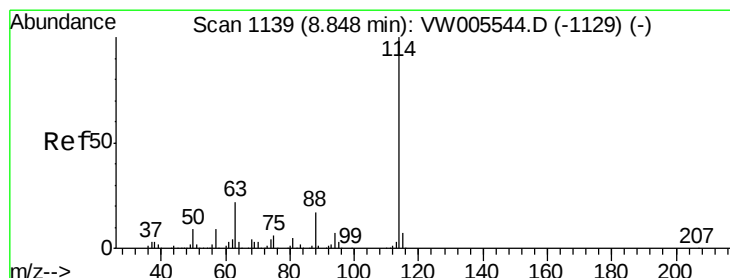
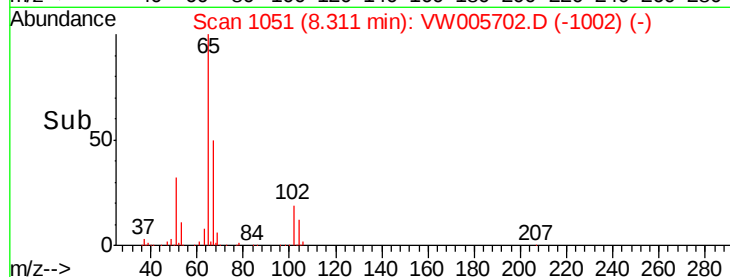
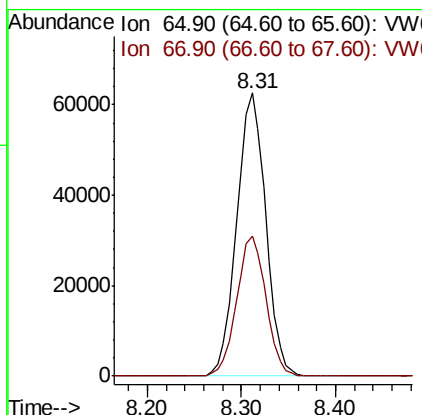
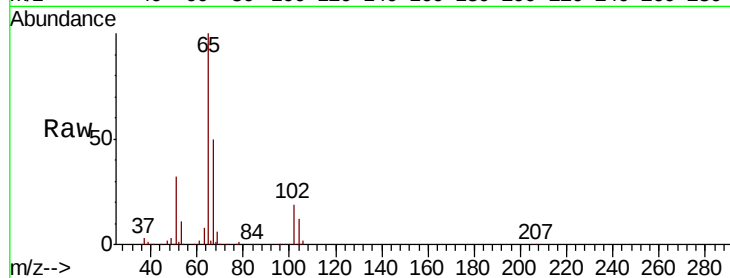




#33
 1,2-Dichloroethane-d4
 Concen: 61.063 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005702.D
 Acq: 27 Sep 2018 16:09

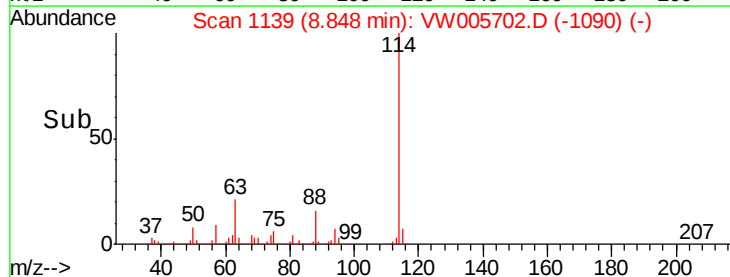
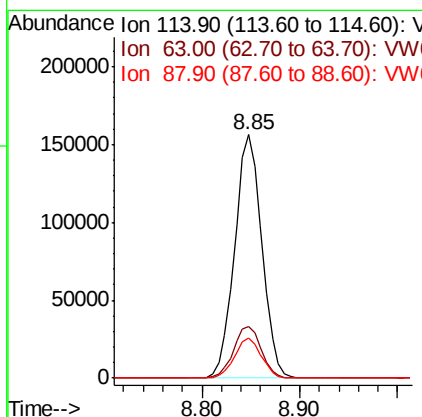
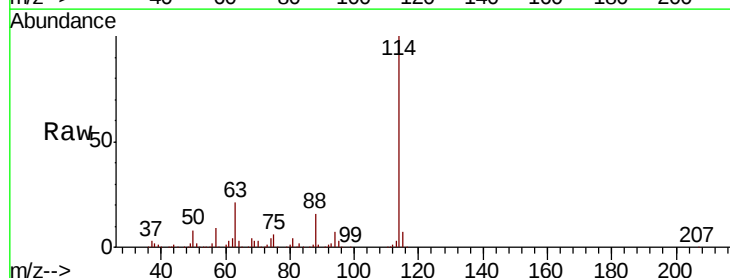
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3RE

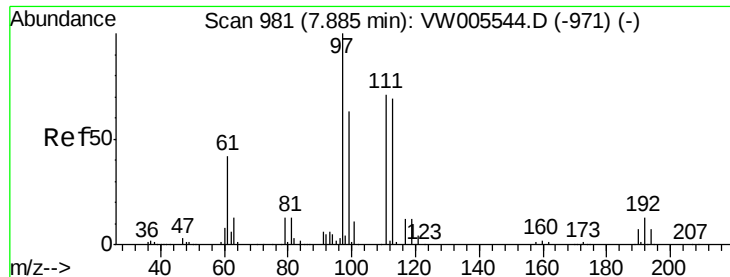
Tot Ion: 65 Resp: 134396
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005702.D
 Acq: 27 Sep 2018 16:09

Tgt Ion: 114 Resp: 301228
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.0
 88 16.4 0.0 33.0

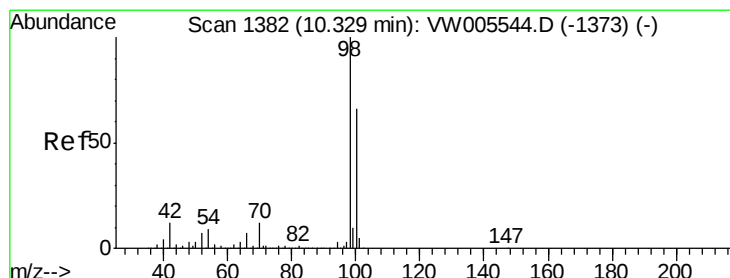
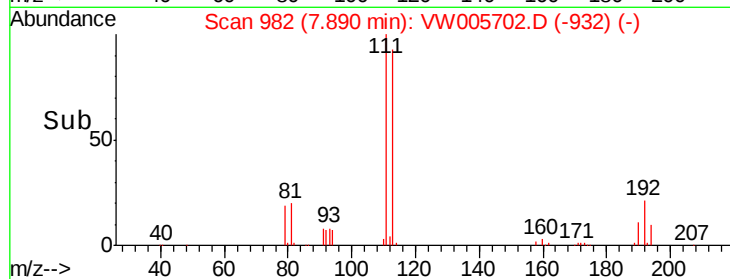
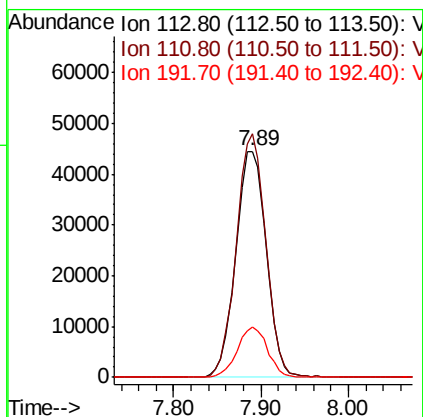
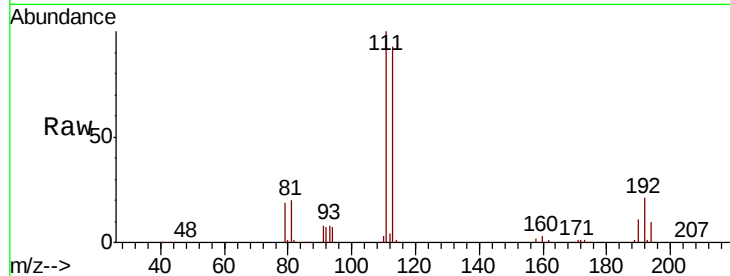




#35
 Dibromofluoromethane
 Concen: 57.203 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005702.D
 Acq: 27 Sep 2018 16:09

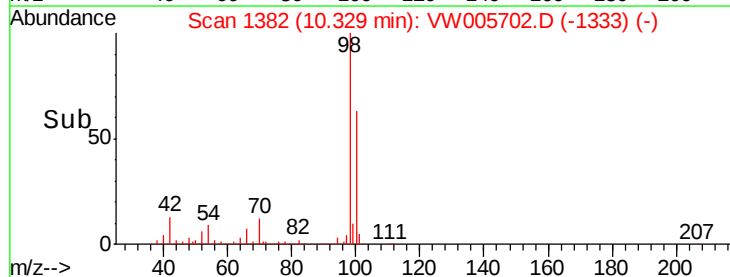
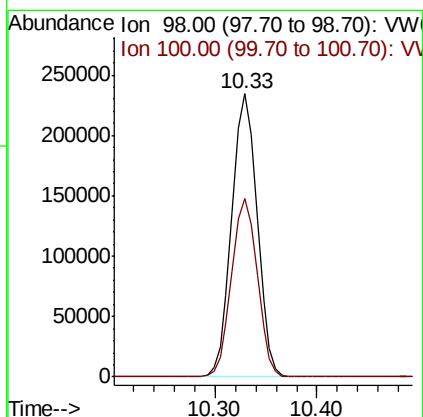
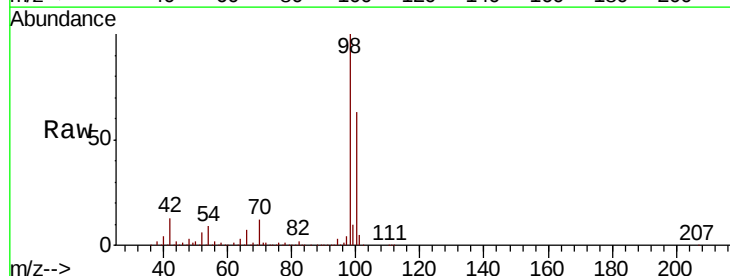
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3RE

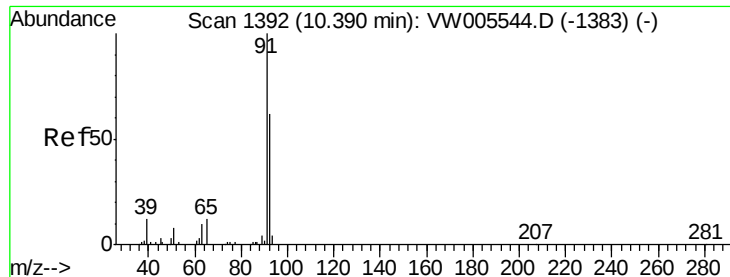
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.6	123.8
192	21.7	17.0	25.4



#50
 Toluene-d8
 Concen: 52.481 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005702.D
 Acq: 27 Sep 2018 16:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.6	77.4





#52

Toluene

Concen: 1.228 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005702.D

Acq: 27 Sep 2018 16:09

Instrument :

MSVOA_W

ClientSampleId :

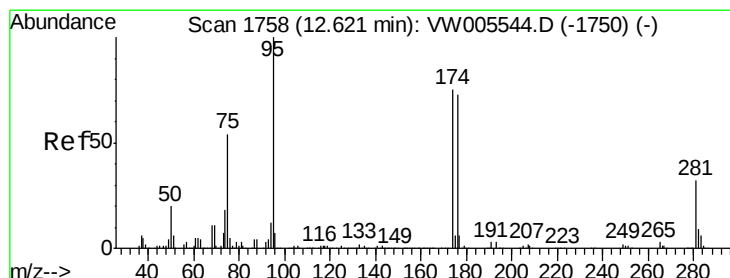
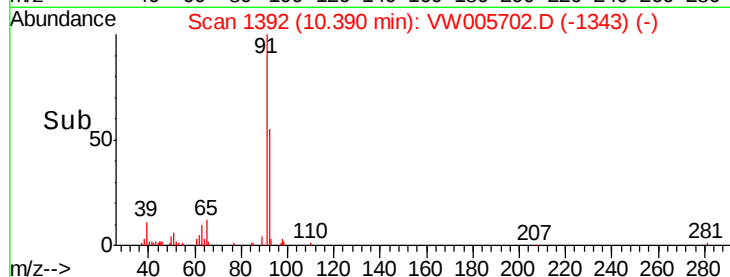
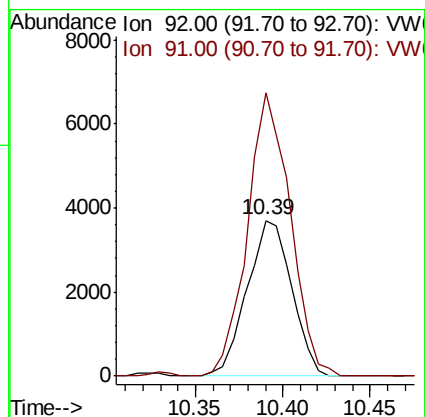
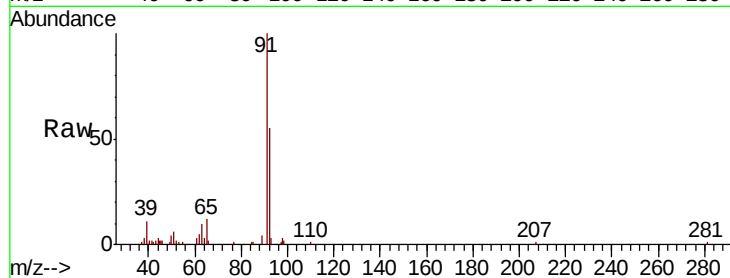
TP-3RE

Tot Ion: 92 Resp: 6582

Ion Ratio Lower Upper

92 100

91 173.9 137.1 205.7



#62

4-Bromofluorobenzene

Concen: 46.406 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005702.D

Acq: 27 Sep 2018 16:09

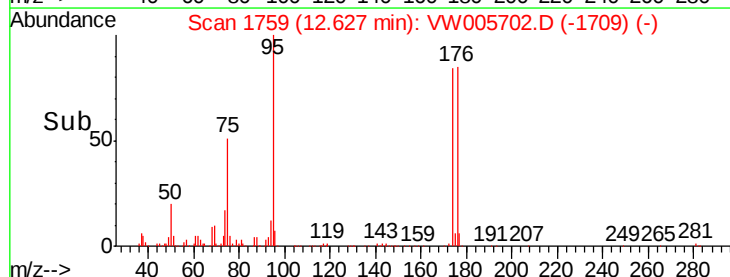
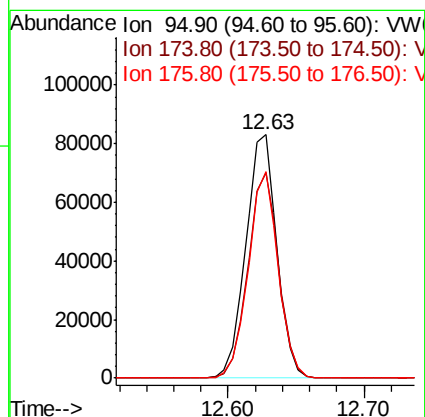
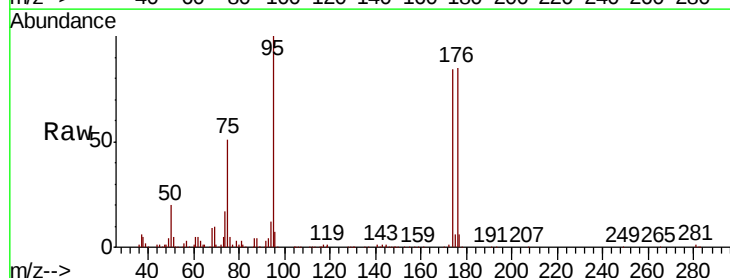
Tgt Ion: 95 Resp: 132447

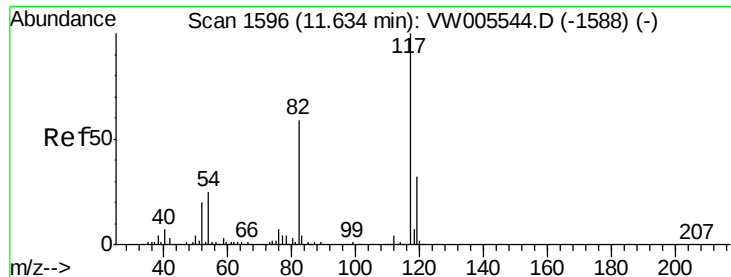
Ion Ratio Lower Upper

95 100

174 83.6 0.0 163.8

176 81.6 0.0 158.0

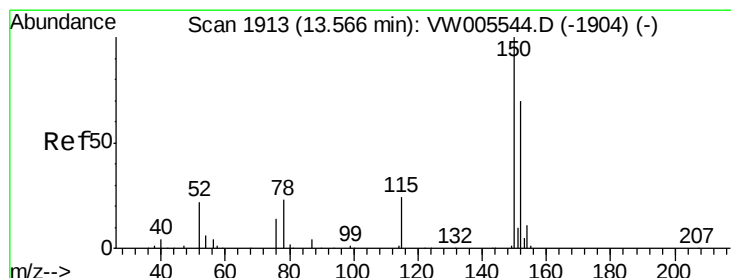
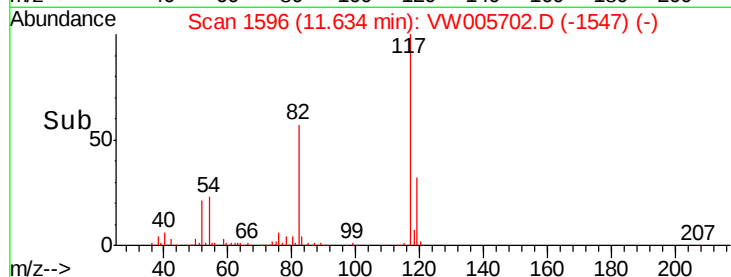
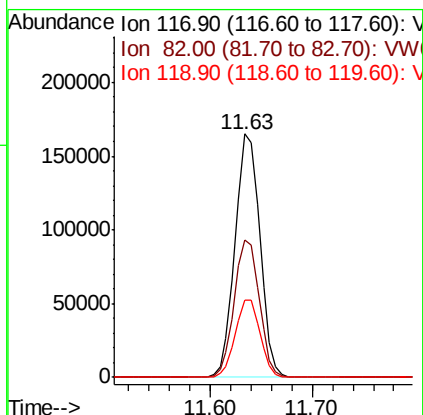
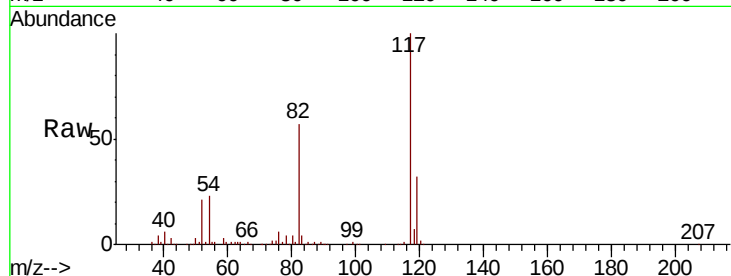




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005702.D
Acq: 27 Sep 2018 16:09

Instrument :
MSVOA_W
ClientSampled :
TP-3RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	46.9	70.3
119	31.6	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005702.D
Acq: 27 Sep 2018 16:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	30.0	90.0
150	158.0	0.0	348.6

