

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007207.D
 Acq On : 05 Dec 2018 01:52
 Operator : SY/AP
 Sample : J6184-01RE
 Misc : 5.34G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-331RE

Quant Time: Dec 05 07:44:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

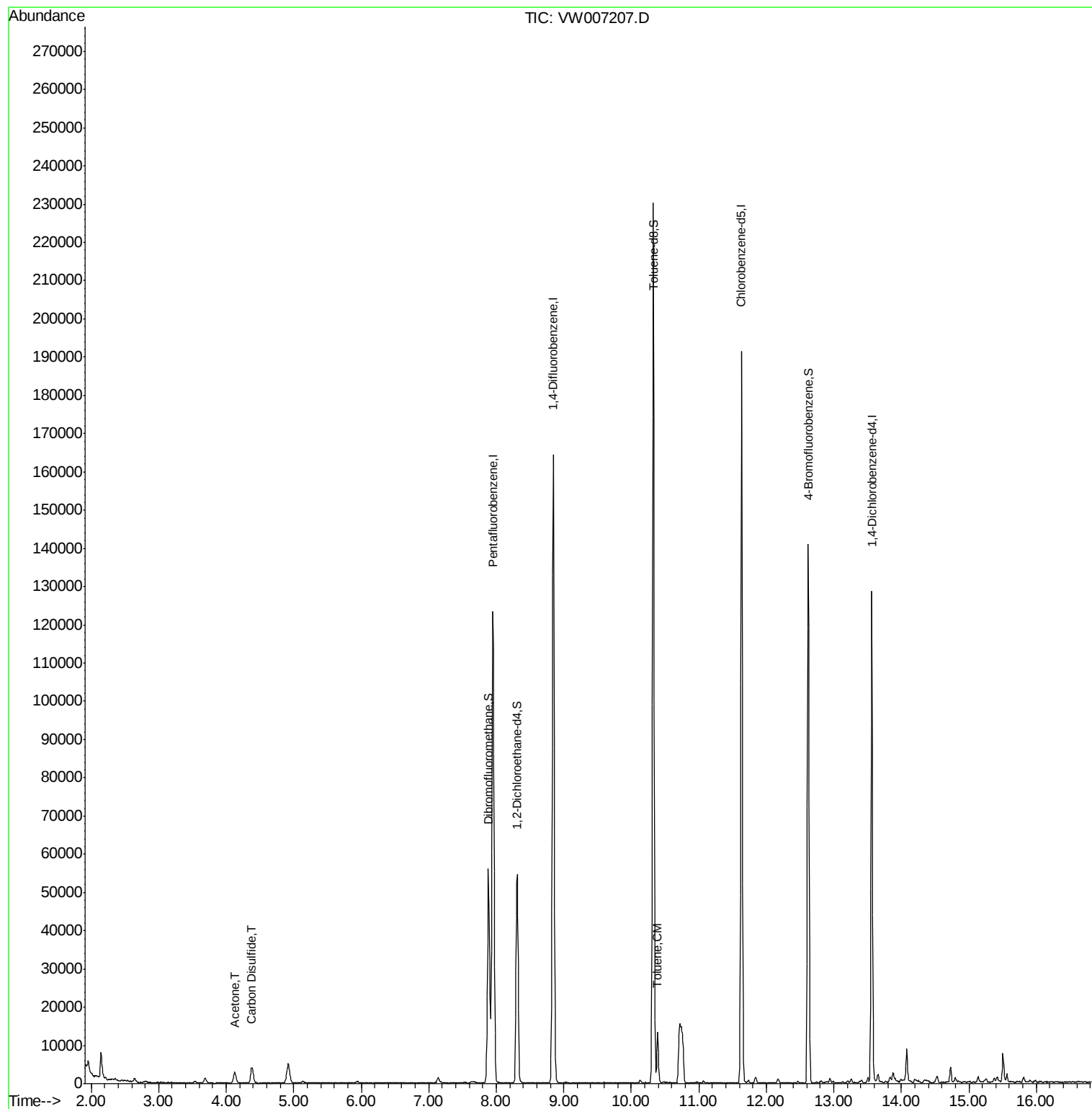
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	94228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	147950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	110929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	35424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	42865	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
35) Dibromofluoromethane	7.89	113	41840	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
50) Toluene-d8	10.32	98	158764	42.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.08%	
62) 4-Bromofluorobenzene	12.62	95	44500	31.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.18%	
Target Compounds						
16) Acetone	4.13	43	5382	25.914	ug/l #	89
17) Carbon Disulfide	4.38	76	7690	2.586	ug/l	98
52) Toluene	10.40	92	5771	2.102	ug/l	98

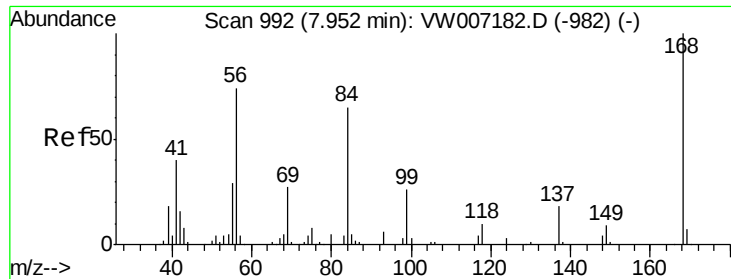
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007207.D

Acq: 05 Dec 2018 01:52

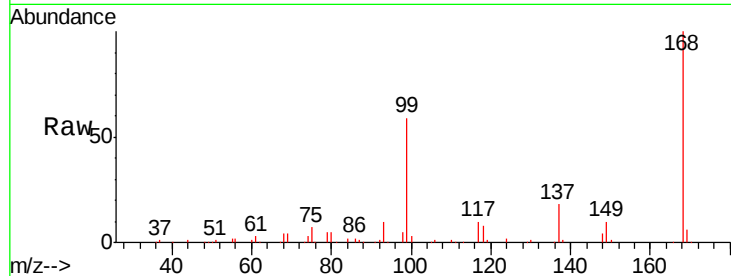
Instrument :
MSVOA_W
ClientSampleId :
RO-331RE

Tgt Ion:168 Resp: 94228

Ion Ratio Lower Upper

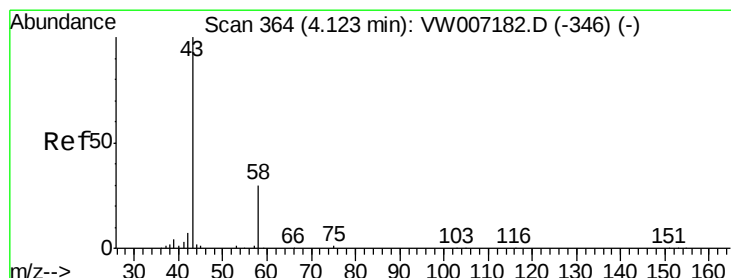
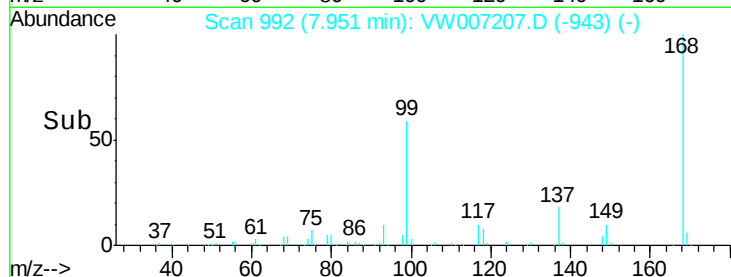
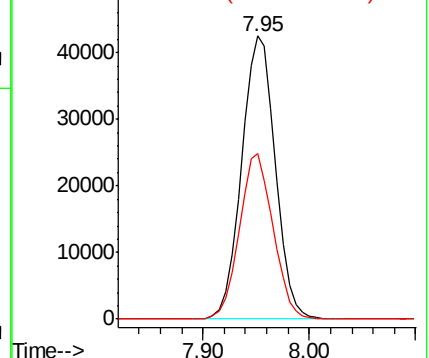
168 100

99 58.7 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 25.914 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007207.D

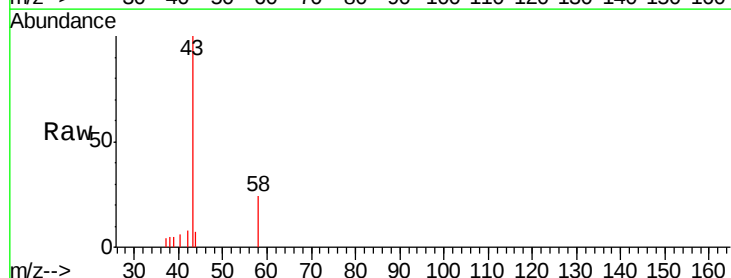
Acq: 05 Dec 2018 01:52

Tgt Ion: 43 Resp: 5382

Ion Ratio Lower Upper

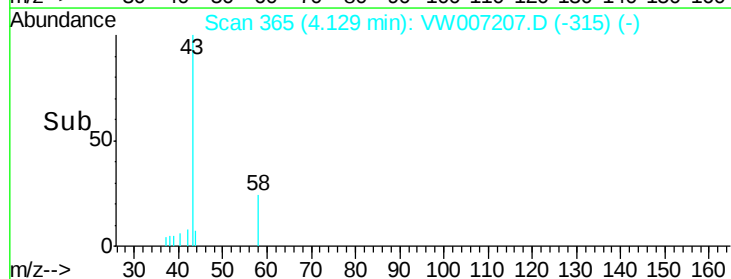
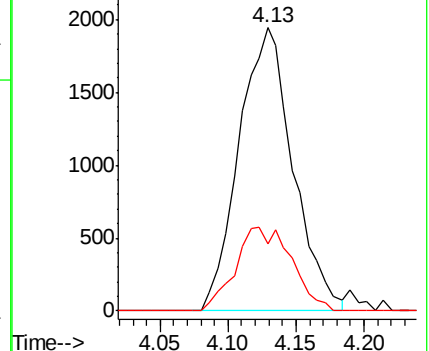
43 100

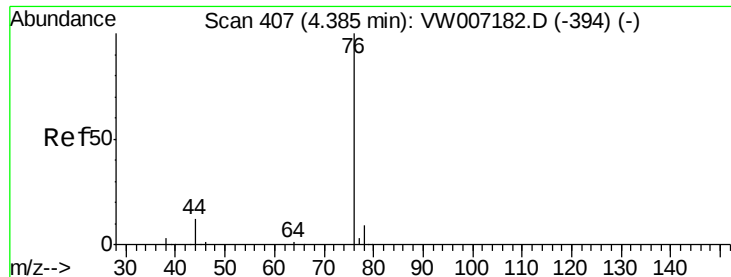
58 23.7 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

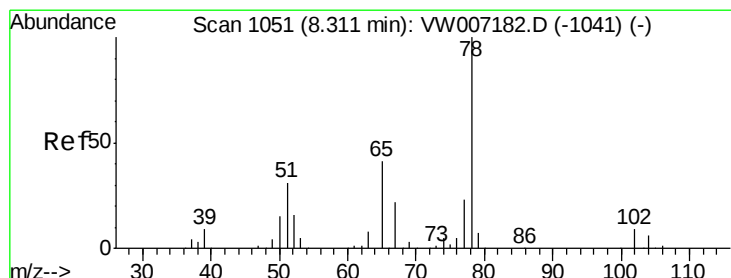
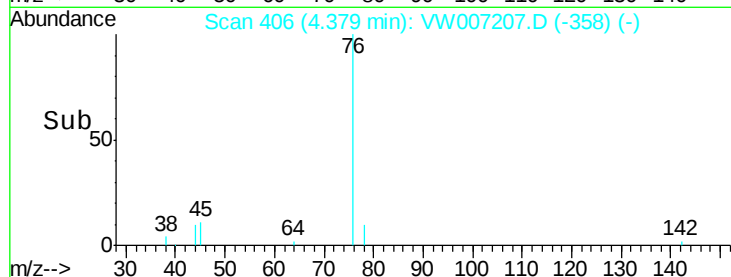
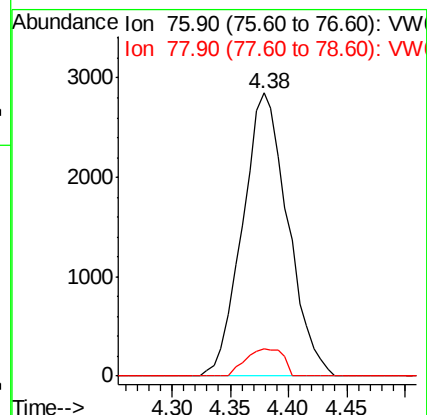
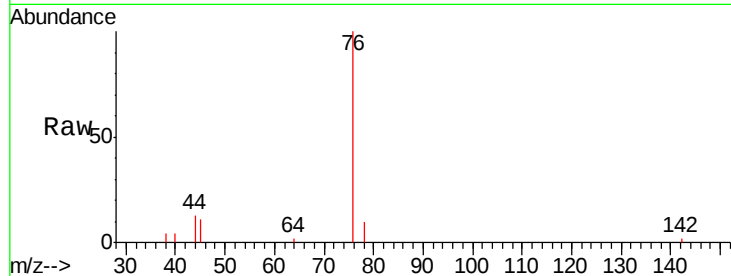




#17
Carbon Disulfide
Concen: 2.586 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW007207.D
Acq: 05 Dec 2018 01:52

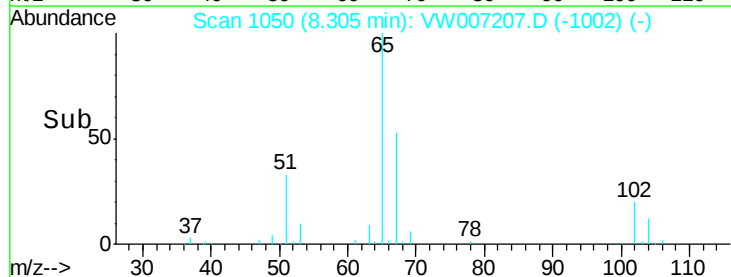
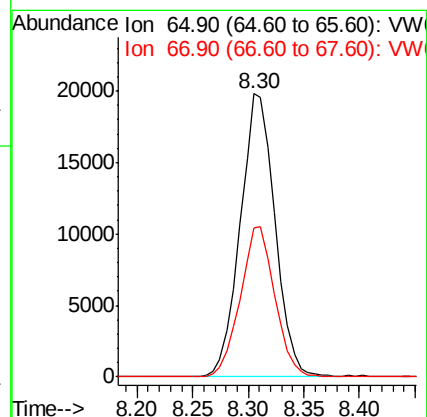
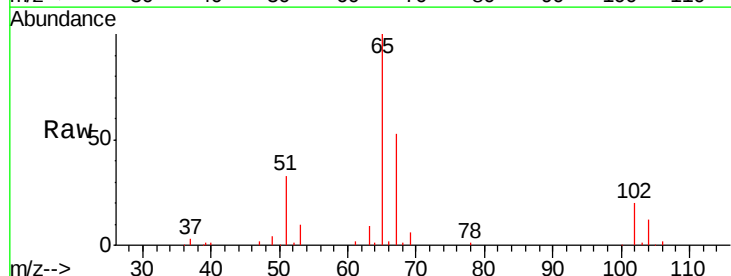
Instrument :
MSVOA_W
ClientSampleId :
RO-331RE

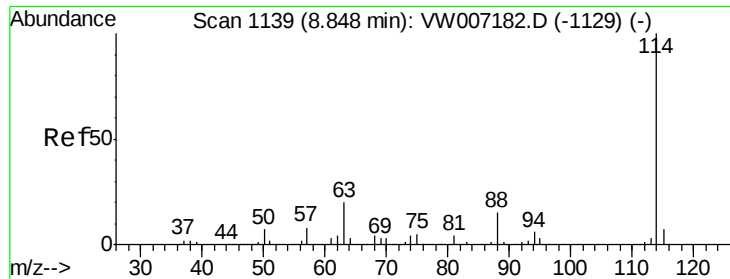
Tgt Ion: 76 Resp: 7690
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8



#33
1,2-Dichloroethane-d4
Concen: 48.860 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW007207.D
Acq: 05 Dec 2018 01:52

Tgt Ion: 65 Resp: 42865
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.4

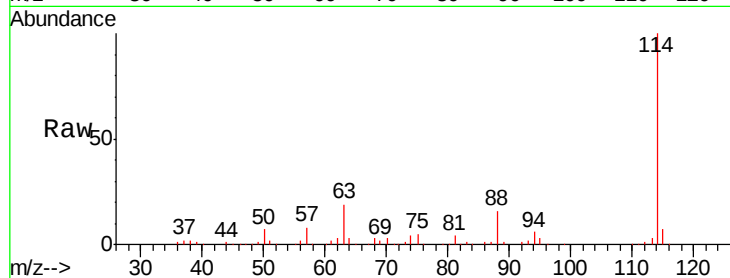




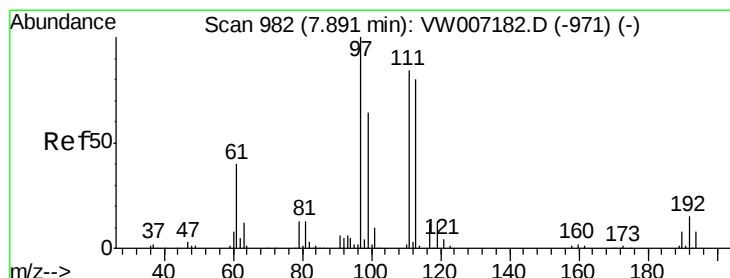
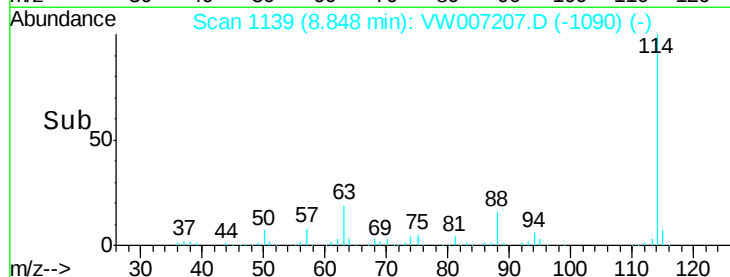
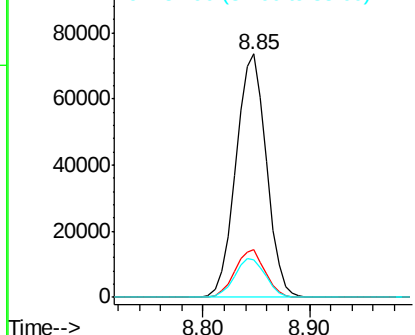
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007207.D
 Acq: 05 Dec 2018 01:52

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-331RE

Tgt Ion:114 Resp: 147950
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.2
 88 15.6 0.0 30.0

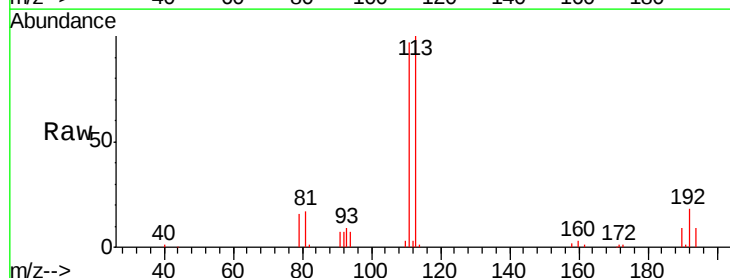


Abundance Ion 113.90 (113.60 to 114.60): V
 100000 Ion 63.00 (62.70 to 63.70): VW
 80000 Ion 87.90 (87.60 to 88.60): VW
 60000
 40000
 20000
 0

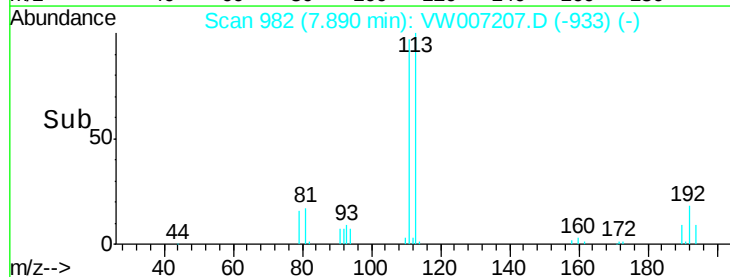
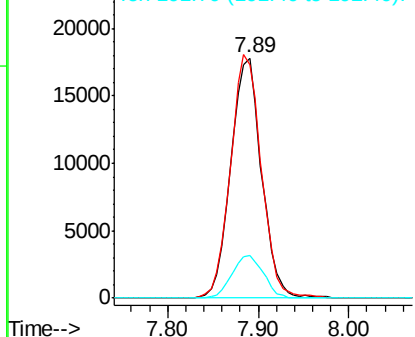


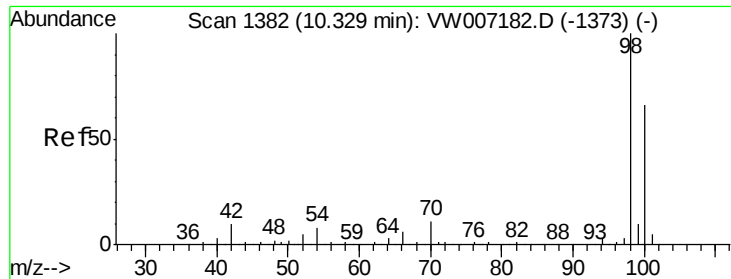
#35
 Dibromofluoromethane
 Concen: 49.389 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007207.D
 Acq: 05 Dec 2018 01:52

Tgt Ion:113 Resp: 41840
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.2 123.4
 192 18.2 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V
 25000 Ion 110.80 (110.50 to 111.50): V
 20000 Ion 191.70 (191.40 to 192.40): V
 15000
 10000
 5000
 0





#50

Toluene-d8

Concen: 42.545 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007207.D

Acq: 05 Dec 2018 01:52

Instrument :

MSVOA_W

ClientSampleId :

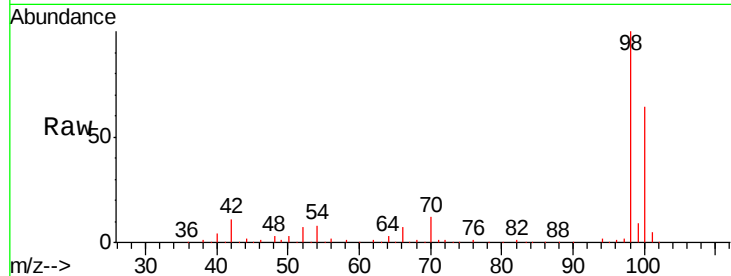
RO-331RE

Tgt Ion: 98 Resp: 158764

Ion Ratio Lower Upper

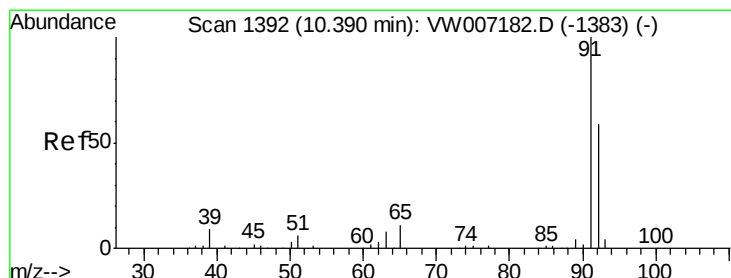
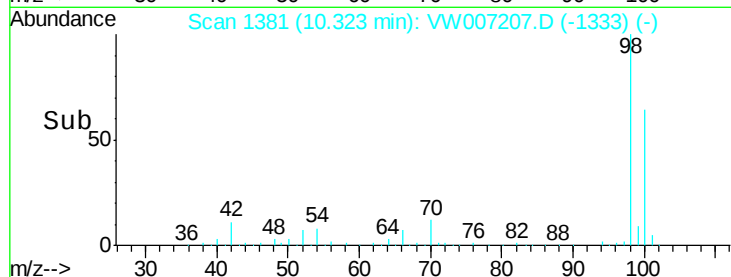
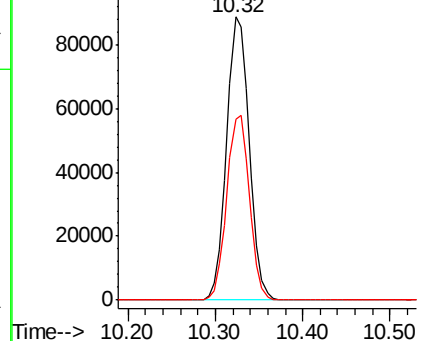
98 100

100 65.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 2.102 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW007207.D

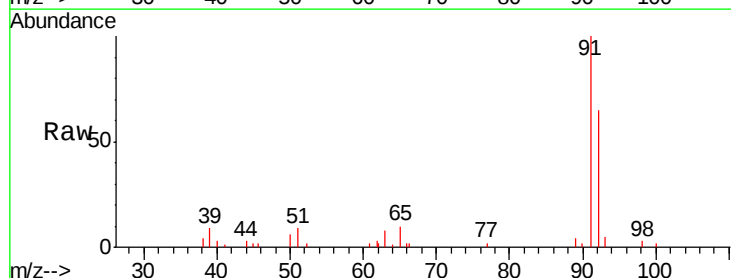
Acq: 05 Dec 2018 01:52

Tgt Ion: 92 Resp: 5771

Ion Ratio Lower Upper

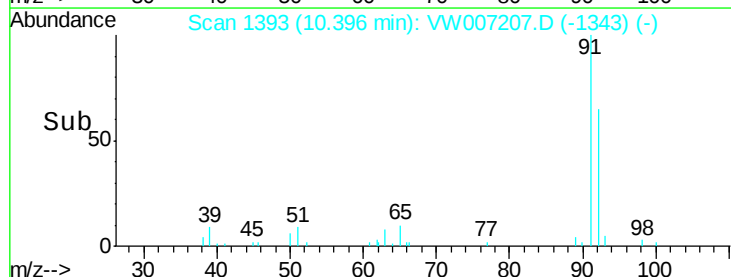
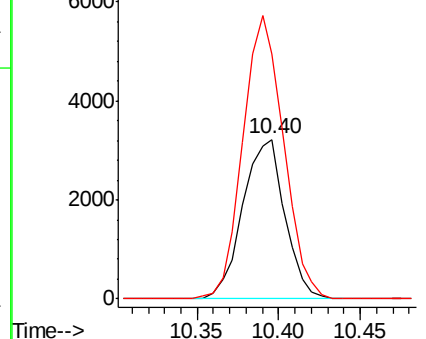
92 100

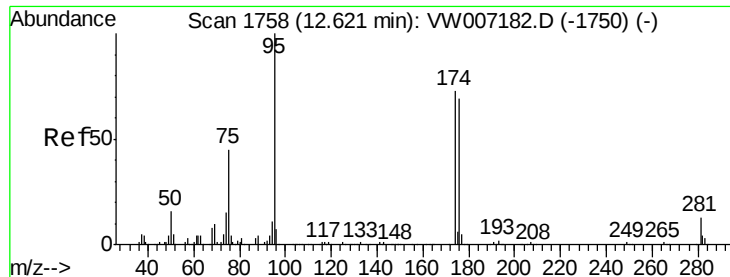
91 172.6 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 31.594 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007207.D

Acq: 05 Dec 2018 01:52

Instrument :

MSVOA_W

ClientSampleId :

RO-331RE

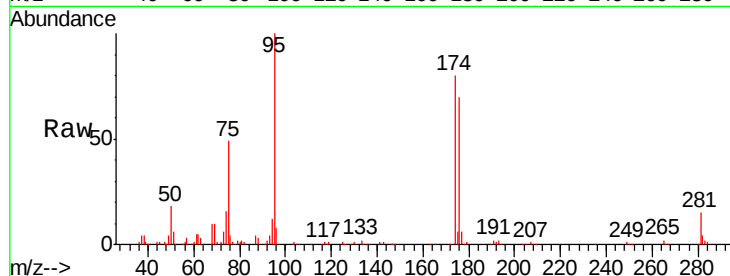
Tgt Ion: 95 Resp: 44500

Ion Ratio Lower Upper

95 100

174 74.6 0.0 148.0

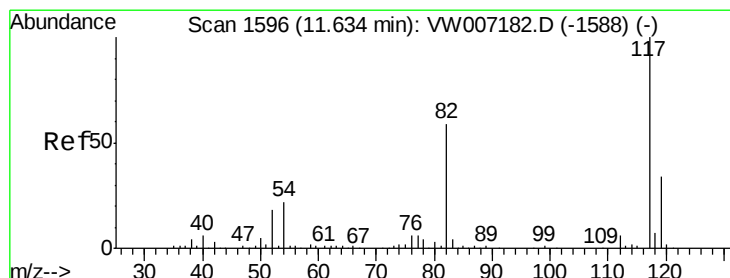
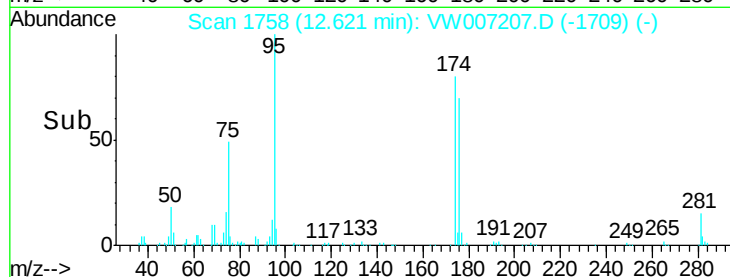
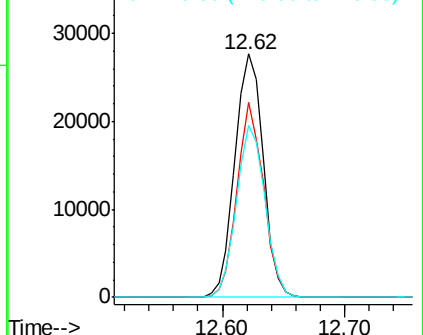
176 70.8 0.0 139.4



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# 1596

Delta R.T. -0.00 min

Lab File: VW007207.D

Acq: 05 Dec 2018 01:52

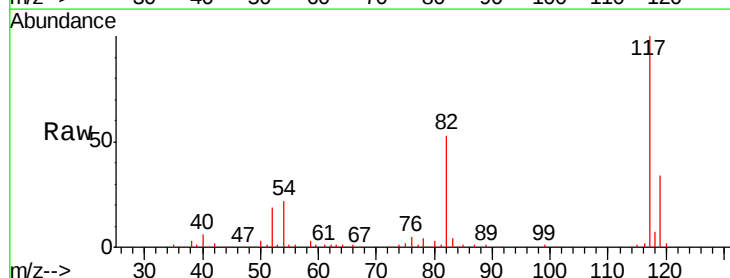
Tgt Ion: 117 Resp: 110929

Ion Ratio Lower Upper

117 100

82 52.7 47.4 71.2

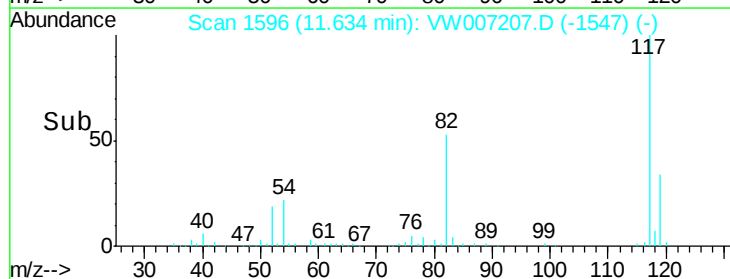
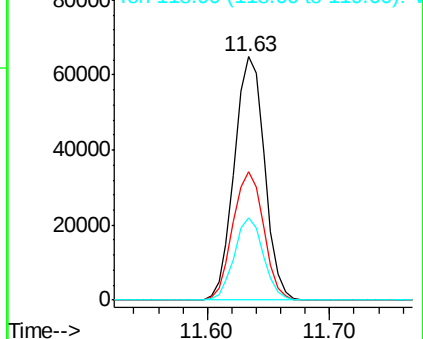
119 33.8 26.8 40.2

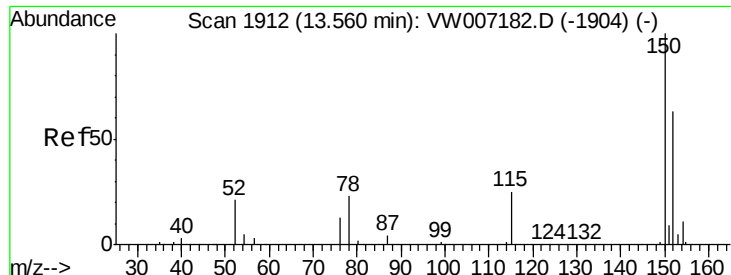


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

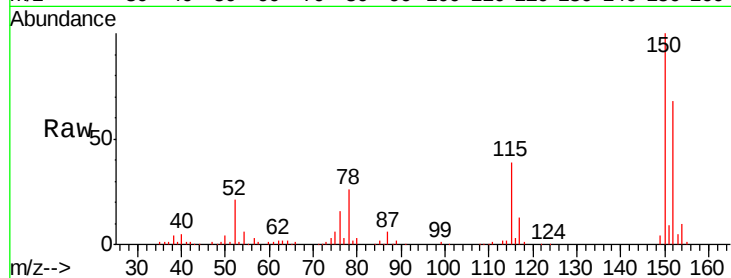




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW007207.D
 Acq: 05 Dec 2018 01:52

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-331RE

Tgt Ion:152 Resp: 35424
 Ion Ratio Lower Upper
 152 100
 115 58.4 31.3 93.8
 150 152.7 0.0 358.0



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

