

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120518\
 Data File : VW007269.D
 Acq On : 06 Dec 2018 09:37
 Operator : SY/AP
 Sample : J6224-01
 Misc : 5.45G/5ML/MSVOA_W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-1

Quant Time: Dec 06 12:49:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

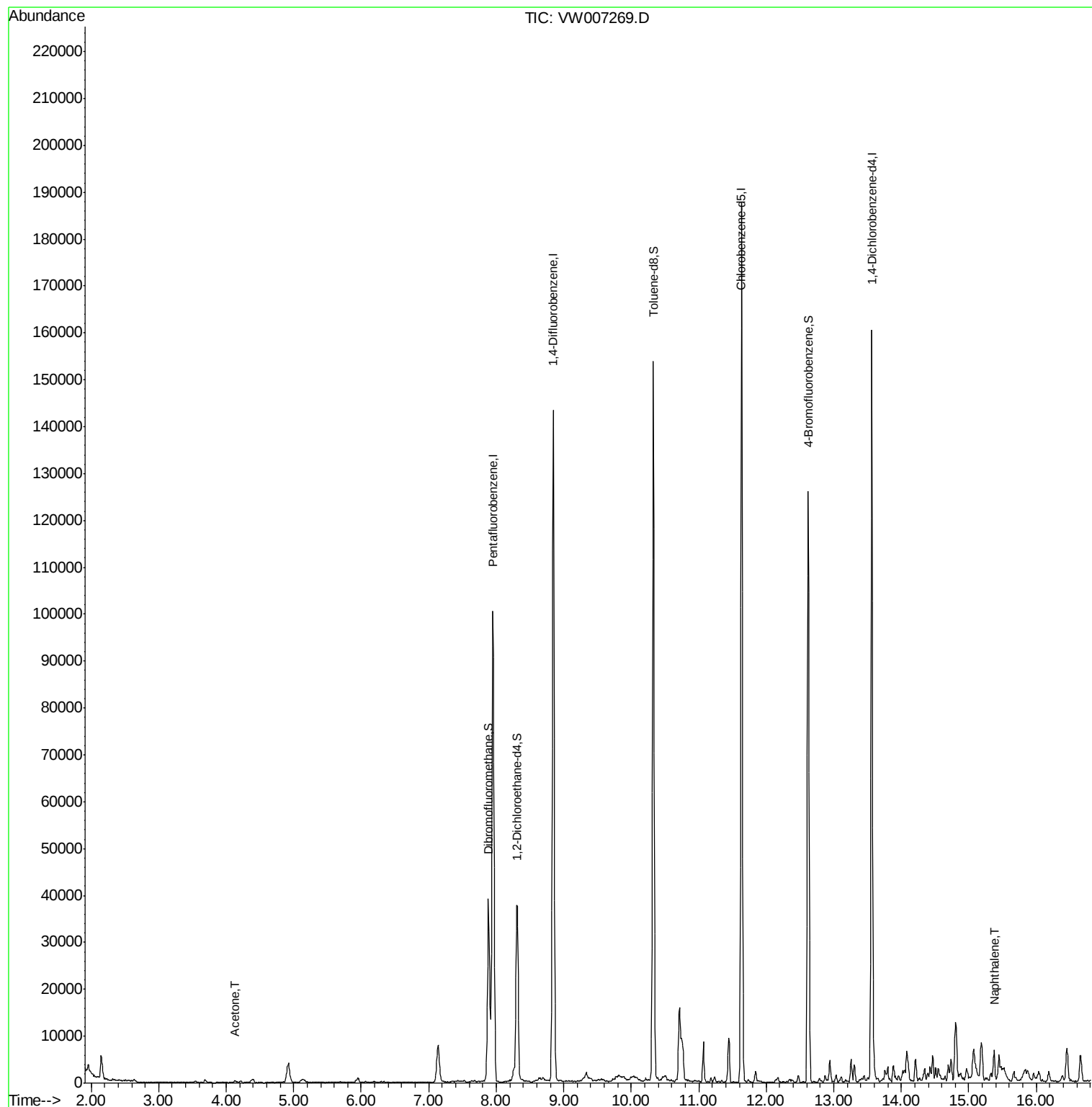
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	125117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	108573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	41325	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	31512	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	
35) Dibromofluoromethane	7.88	113	29012	40.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.00%	
50) Toluene-d8	10.32	98	105984	33.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.16%	
62) 4-Bromofluorobenzene	12.62	95	36922	31.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.00%	
Target Compounds						
16) Acetone	4.13	43	807	4.910	ug/l #	72
95) Naphthalene	15.38	128	5436	3.395	ug/l	96

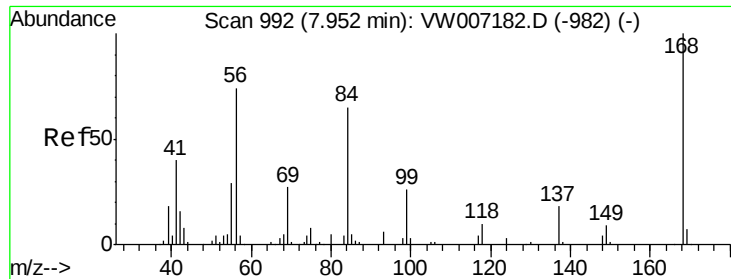
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007269.D

Acq: 06 Dec 2018 09:37

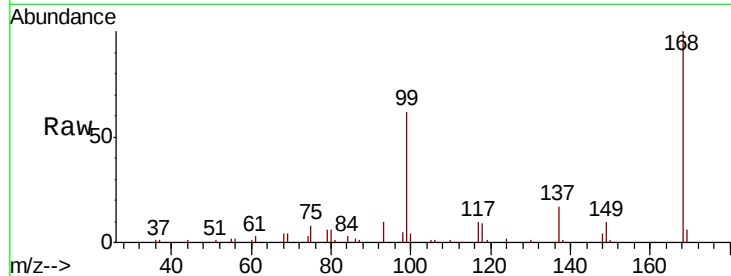
Instrument :
MSVOA_W
ClientSampled :
S-1

Tgt Ion:168 Resp: 74573

Ion Ratio Lower Upper

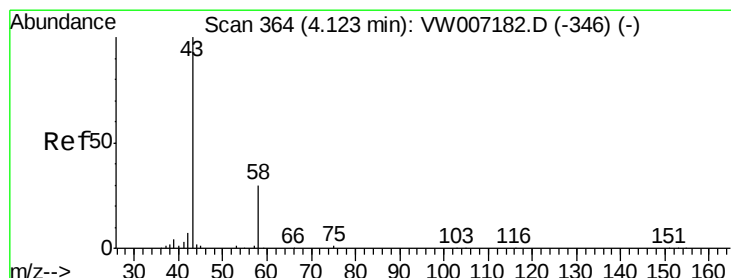
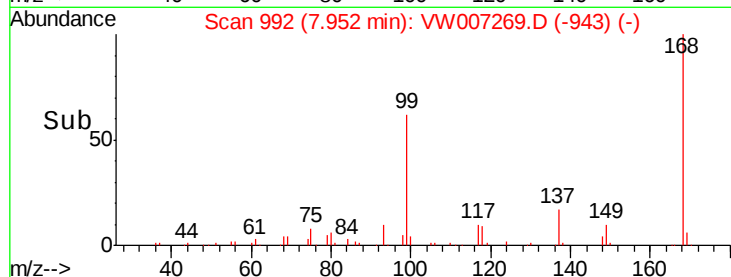
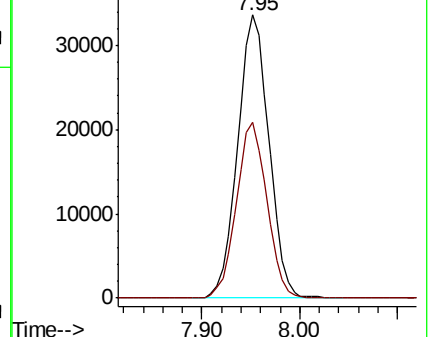
168 100

99 62.0 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): VW007182.D (-982) (-)

Ion 98.90 (98.60 to 99.60): VW007182.D (-982) (-)



#16

Acetone

Concen: 4.910 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007269.D

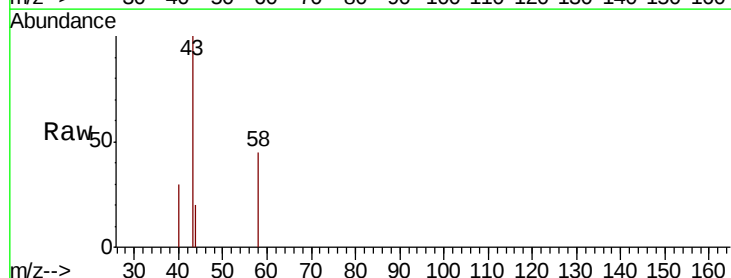
Acq: 06 Dec 2018 09:37

Tgt Ion: 43 Resp: 807

Ion Ratio Lower Upper

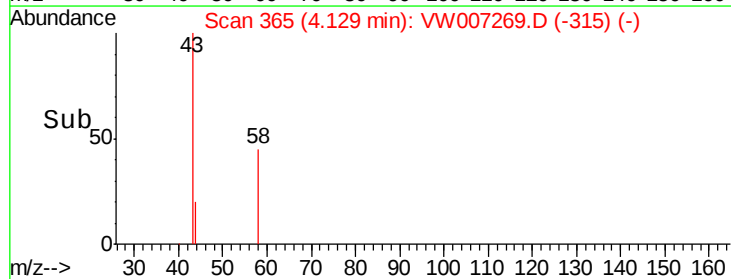
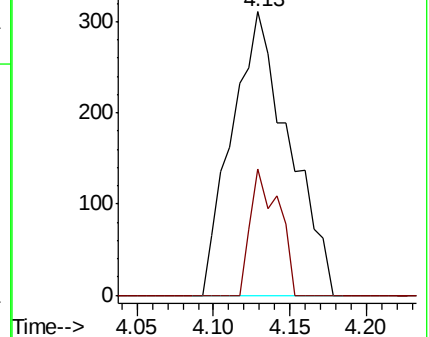
43 100

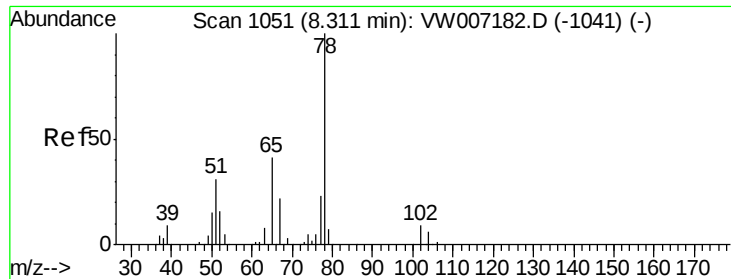
58 44.7 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VW007182.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VW007182.D (-346) (-)

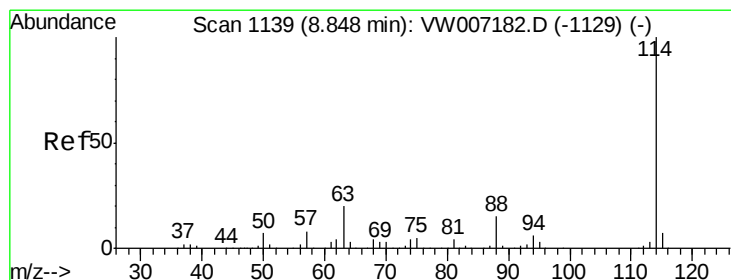
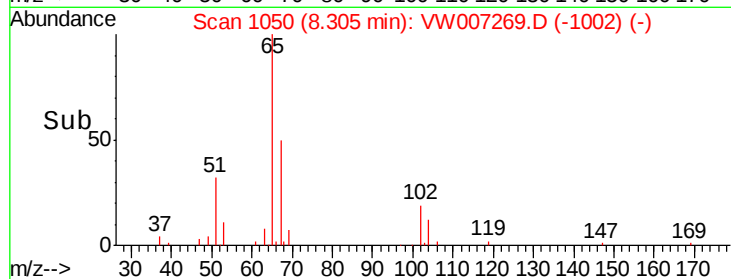
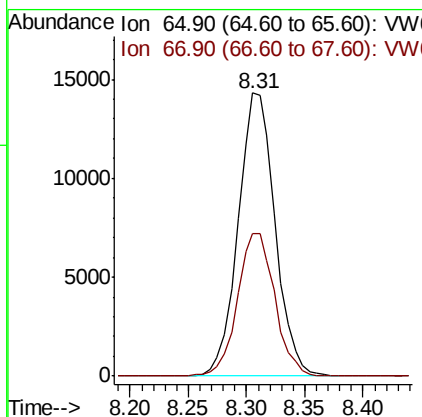
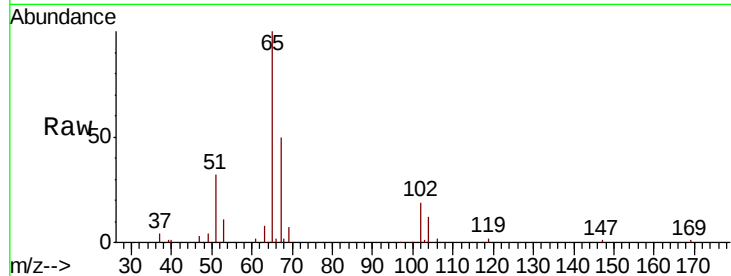




#33
 1,2-Dichloroethane-d4
 Concen: 45.386 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007269.D
 Acq: 06 Dec 2018 09:37

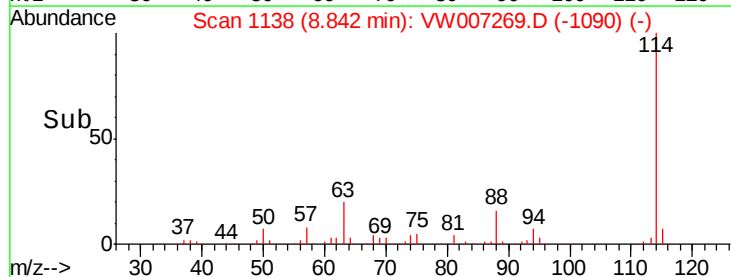
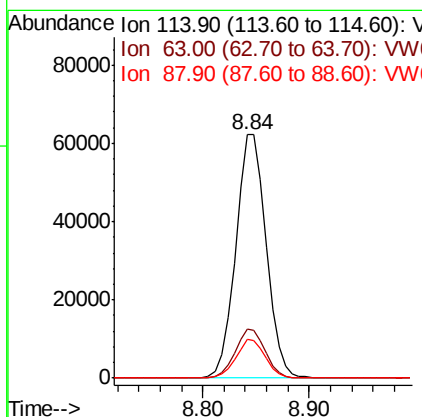
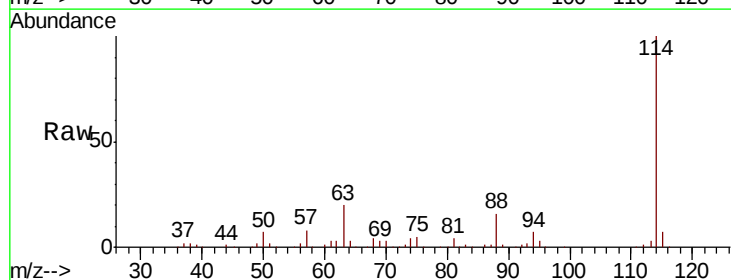
Instrument :
 MSVOA_W
 ClientSampleId :
 S-1

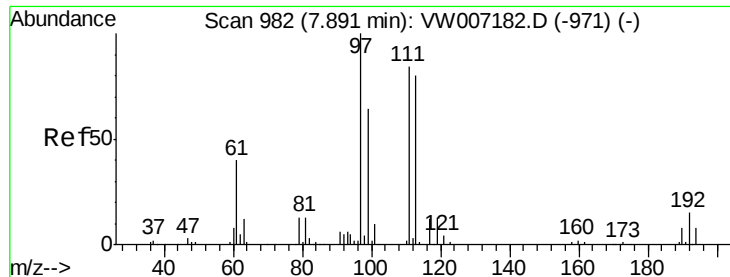
Tgt Ion: 65 Resp: 31512
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007269.D
 Acq: 06 Dec 2018 09:37

Tgt Ion: 114 Resp: 125117
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.2
 88 16.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 40.496 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007269.D

Acq: 06 Dec 2018 09:37

Instrument :

MSVOA_W

ClientSampleId :

S-1

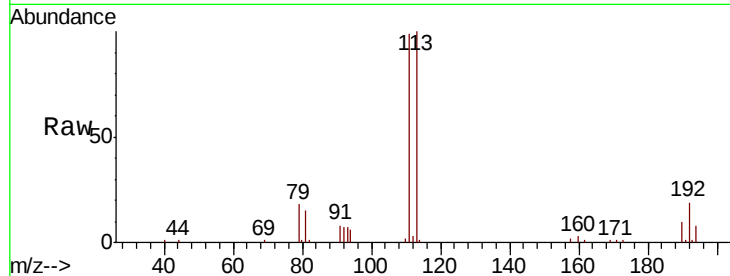
Tgt Ion:113 Resp: 29012

Ion Ratio Lower Upper

113 100

111 100.5 82.2 123.4

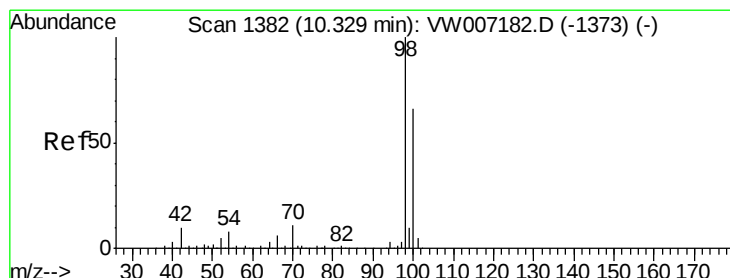
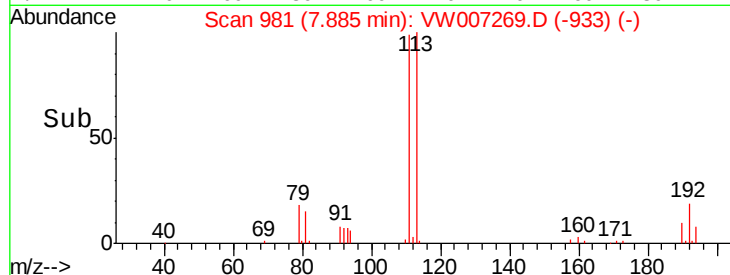
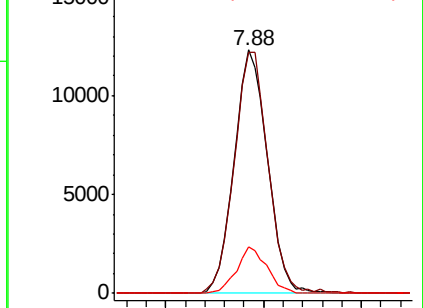
192 17.2 14.4 21.6



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: 33.584 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007269.D

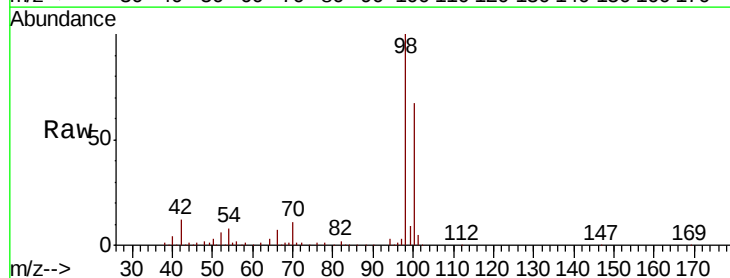
Acq: 06 Dec 2018 09:37

Tgt Ion: 98 Resp: 105984

Ion Ratio Lower Upper

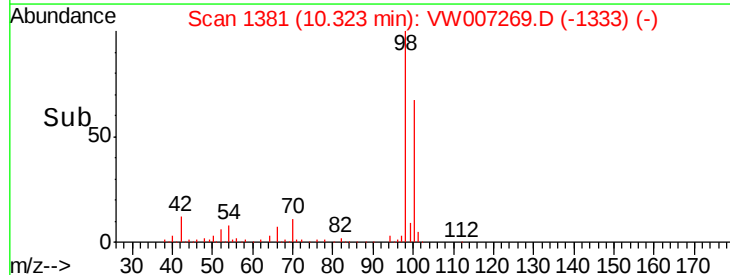
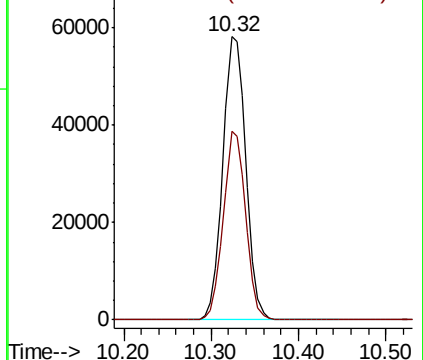
98 100

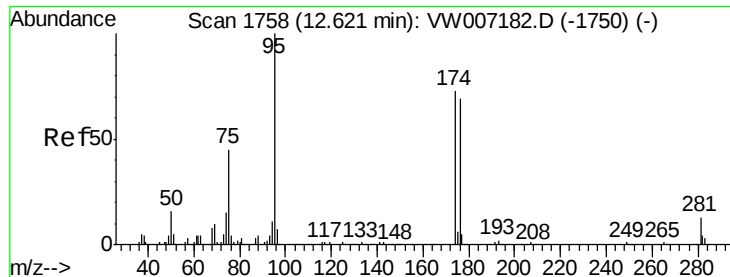
100 64.6 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

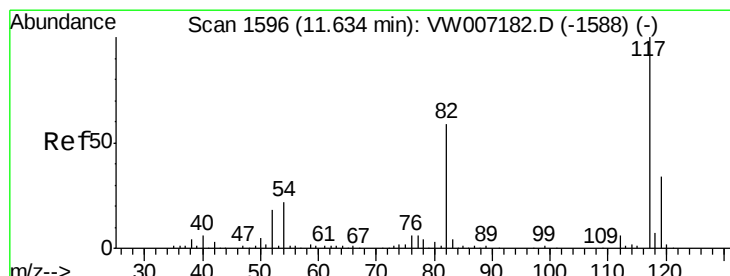
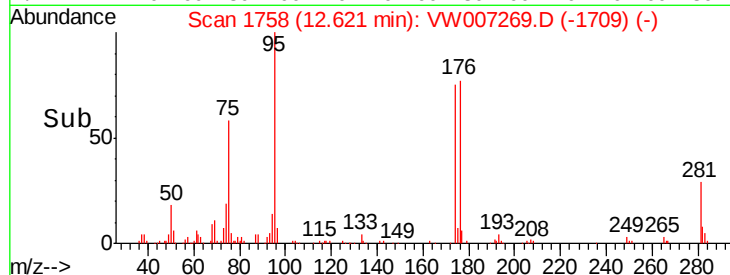
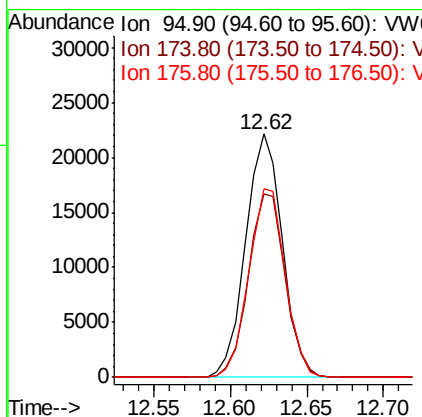
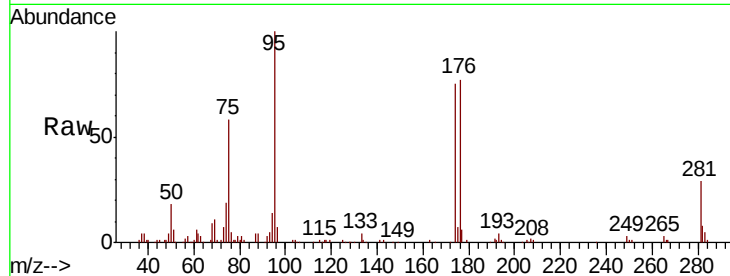




#62
4-Bromofluorobenzene
Concen: 30.997 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007269.D
Acq: 06 Dec 2018 09:37

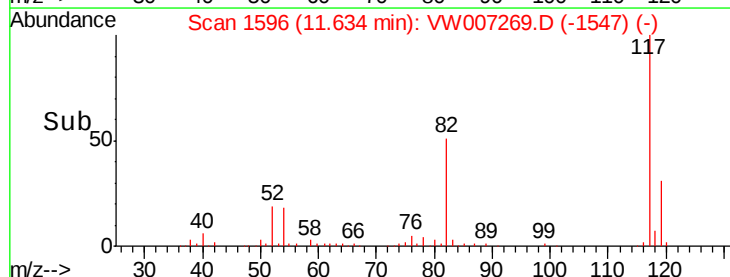
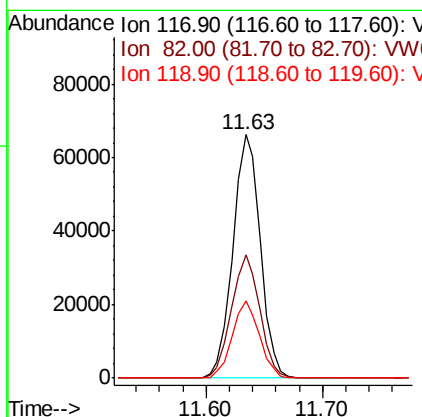
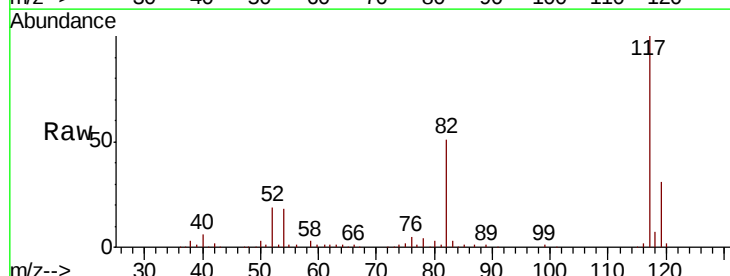
Instrument :
MSVOA_W
ClientSampleId :
S-1

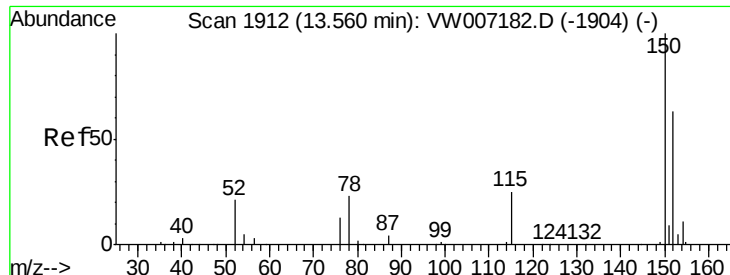
Tgt Ion: 95 Resp: 36922
Ion Ratio Lower Upper
95 100
174 76.0 0.0 148.0
176 76.7 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007269.D
Acq: 06 Dec 2018 09:37

Tgt Ion: 117 Resp: 108573
Ion Ratio Lower Upper
117 100
82 50.7 47.4 71.2
119 31.5 26.8 40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007269.D

Acq: 06 Dec 2018 09:37

Instrument :

MSVOA_W

ClientSampled :

S-1

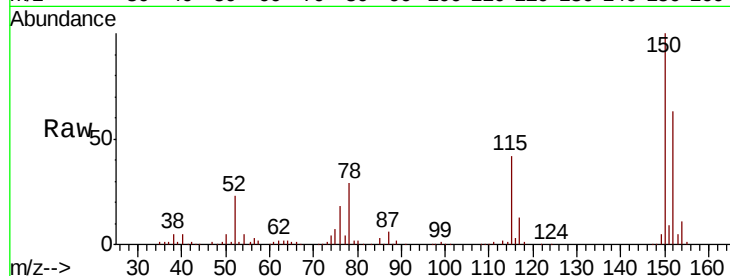
Tgt Ion:152 Resp: 41325

Ion Ratio Lower Upper

152 100

115 62.7 31.3 93.8

150 157.9 0.0 358.0

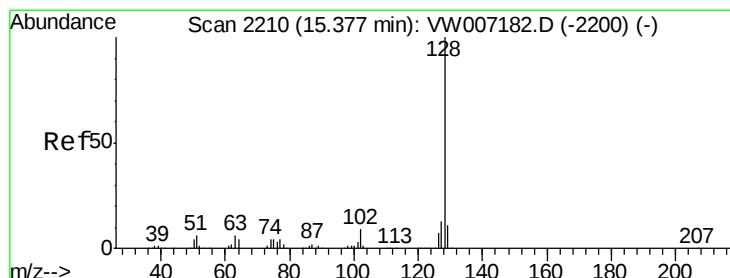
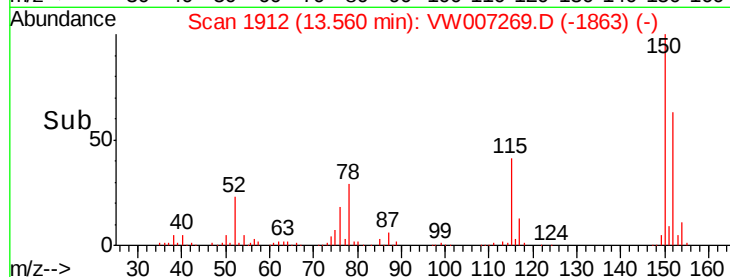
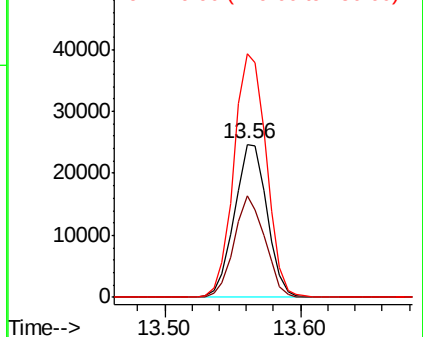


Abundance

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



#95

Naphthalene

Concen: 3.395 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW007269.D

Acq: 06 Dec 2018 09:37

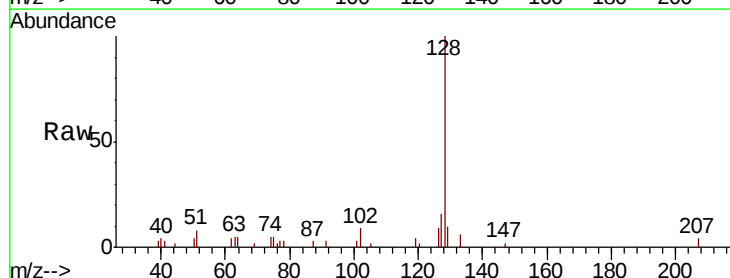
Tgt Ion:128 Resp: 5436

Ion Ratio Lower Upper

128 100

127 14.3 10.3 15.5

129 12.5 8.6 13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

