

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091018\
 Data File : VW005252.D
 Acq On : 10 Sep 2018 20:28
 Operator : SY/AP
 Sample : J4821-01
 Misc : 16.43G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5

Quant Time: Sep 11 11:47:06 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	12102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	16576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	12814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	1722	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	4588	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	7.90	113	4773	54.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.94%	
50) Toluene-d8	10.34	98	15143	34.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.02%	
62) 4-Bromofluorobenzene	12.63	95	2626	16.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	32.72%	

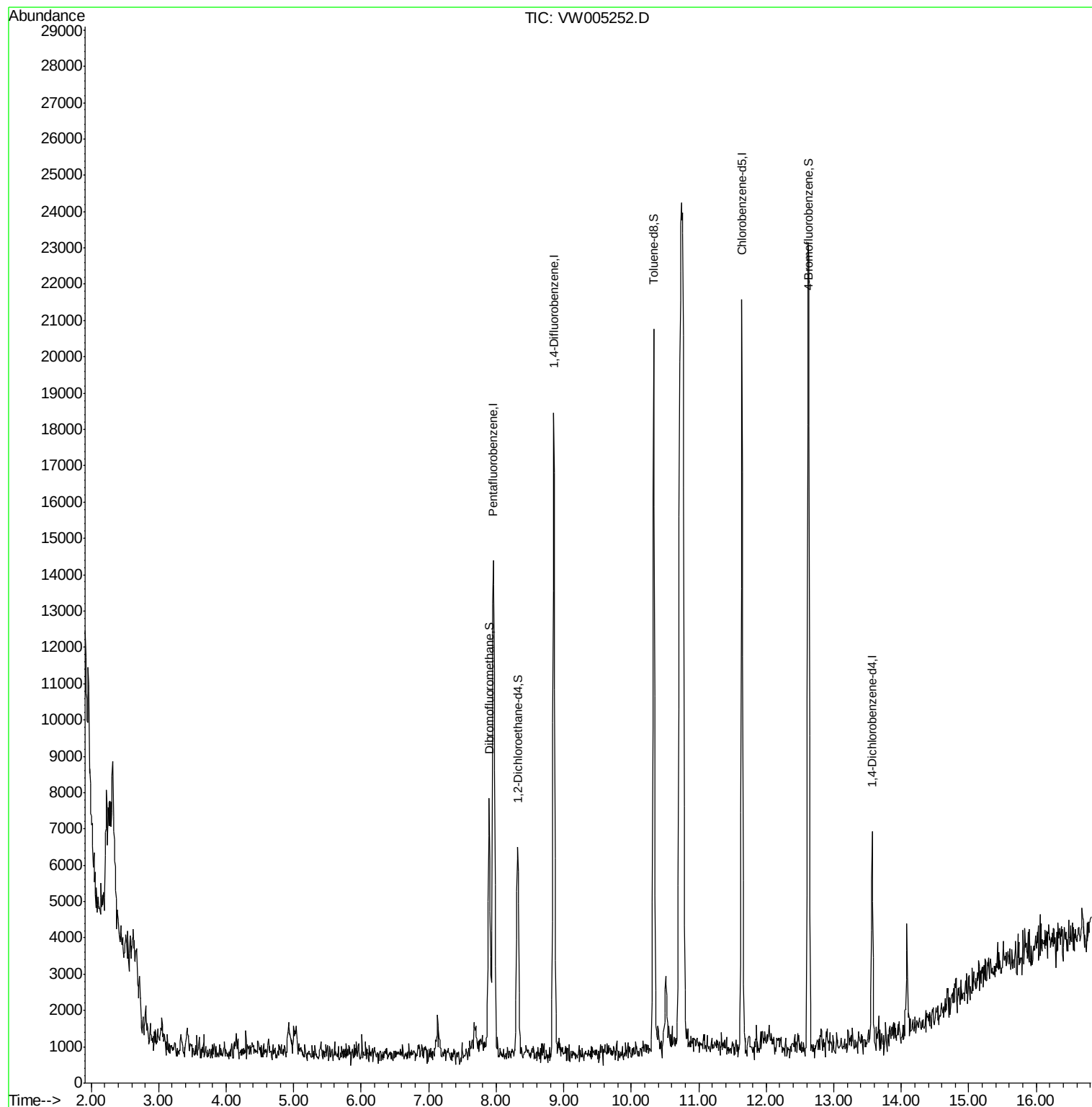
Target Compounds	Qvalue

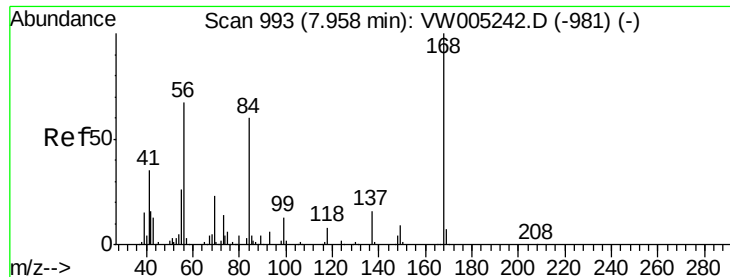
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005252.D

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Instrument :

MSVOA_W

ClientSampleId :

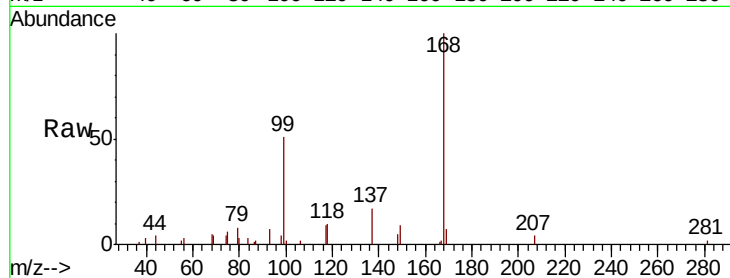
ENY-SB-02-61.0-61.5

Tot Ion:168 Resp: 12102

Ion Ratio Lower Upper

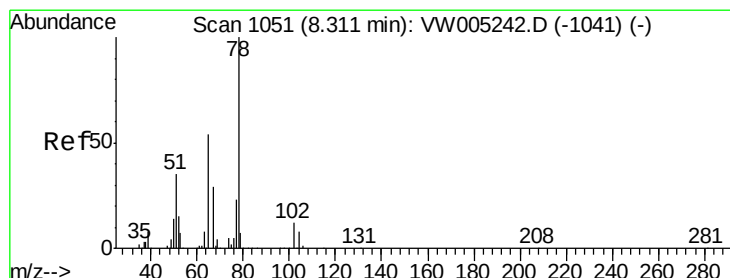
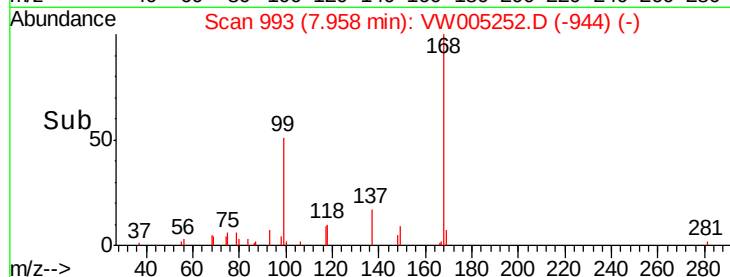
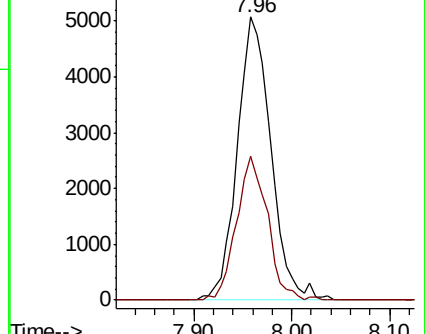
168 100

99 50.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 50.83 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VW005252.D

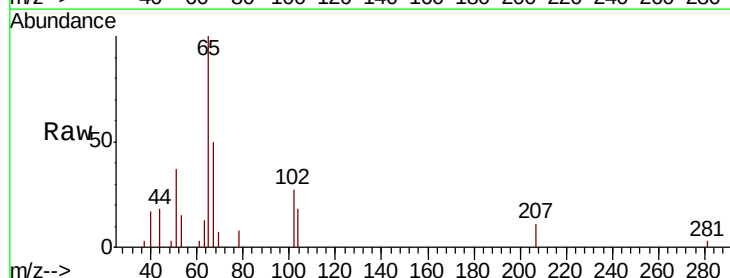
Acq: 10 Sep 2018 20:28

Tgt Ion: 65 Resp: 4588

Ion Ratio Lower Upper

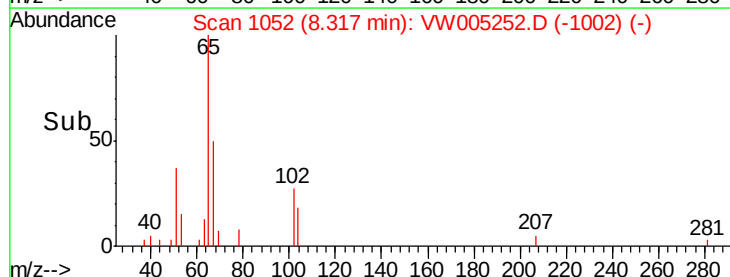
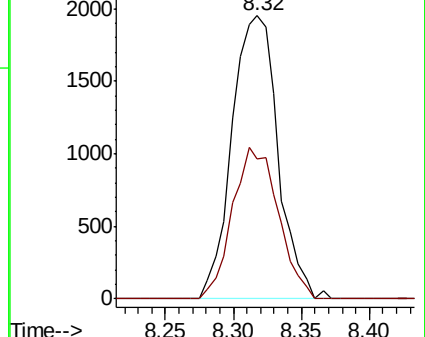
65 100

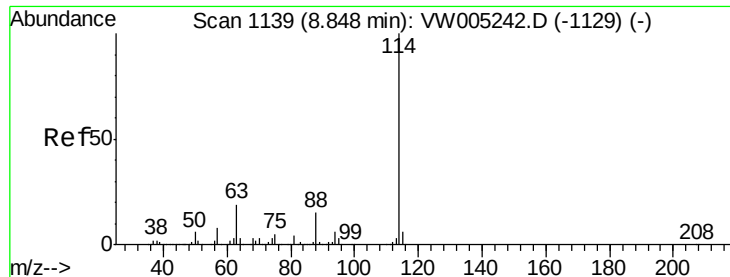
67 53.3 0.0 112.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

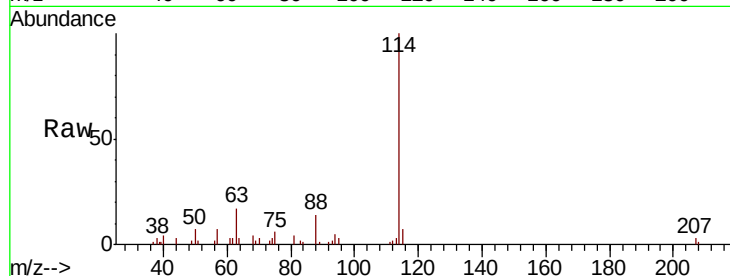




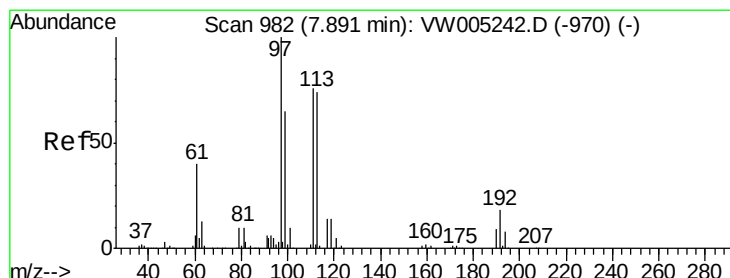
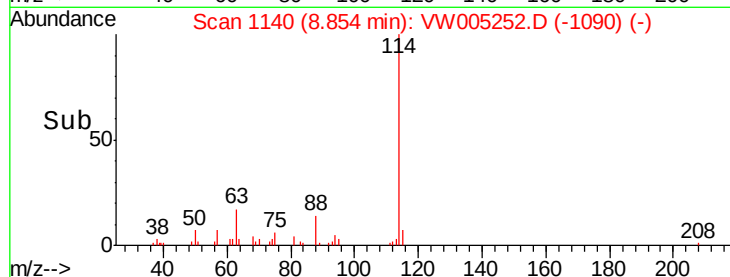
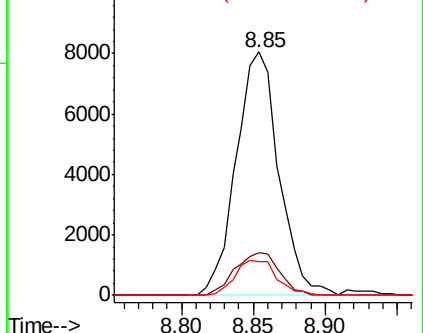
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005252.D
 Acq: 10 Sep 2018 20:28

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	37.0
88	14.0	0.0	30.4

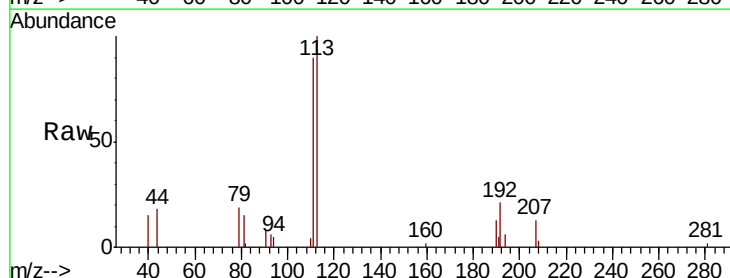


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

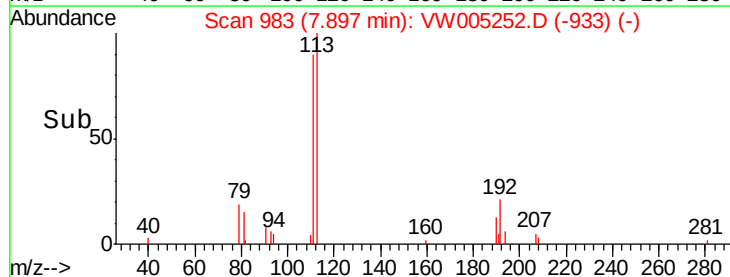
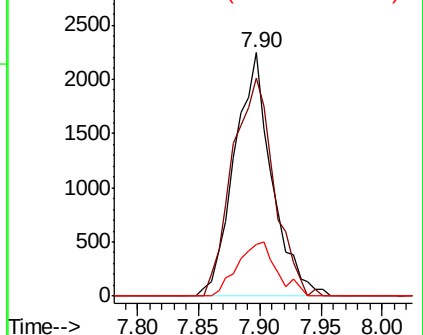


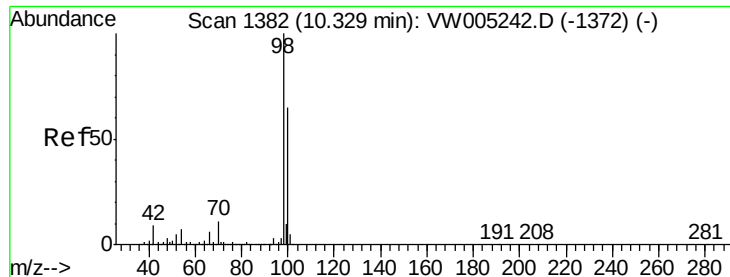
#35
 Dibromofluoromethane
 Concen: 54.97 ug/l
 RT: 7.90 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VW005252.D
 Acq: 10 Sep 2018 20:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.9	80.6	121.0
192	23.4	18.3	27.5



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: 34.51 ug/l

RT: 10.34 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VW005252.D

Acq: 10 Sep 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

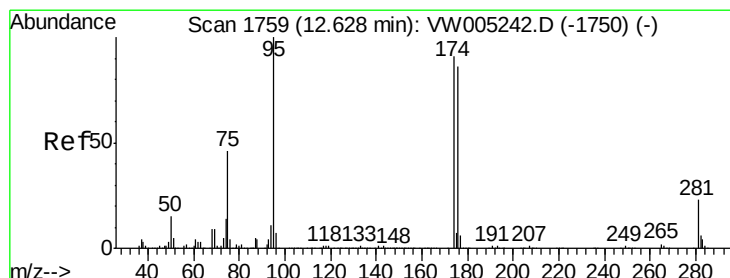
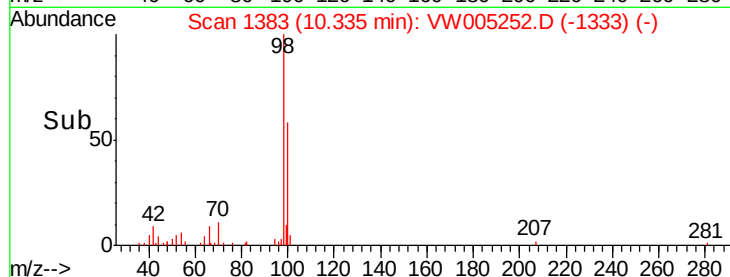
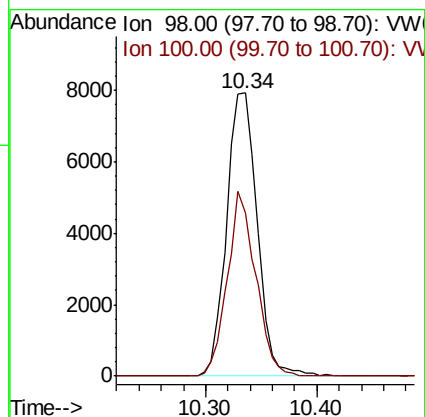
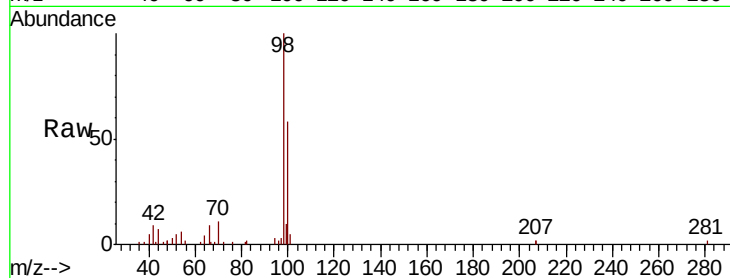
ENY-SB-02-61.0-61.5

Tot Ion: 98 Resp: 15143

Ion Ratio Lower Upper

98 100

100 60.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 16.36 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.00 min

Lab File: VW005252.D

Acq: 10 Sep 2018 20:28

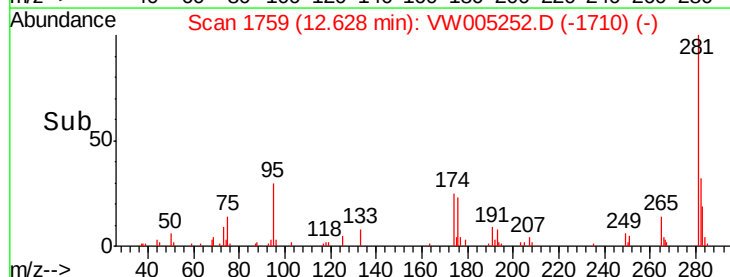
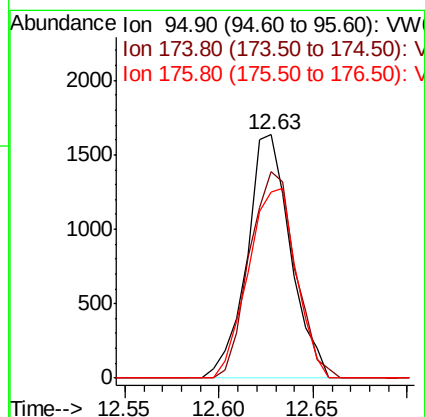
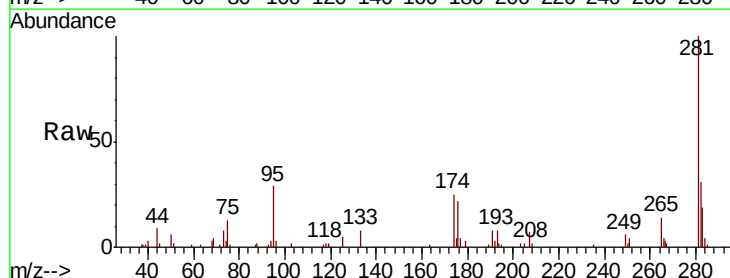
Tgt Ion: 95 Resp: 2626

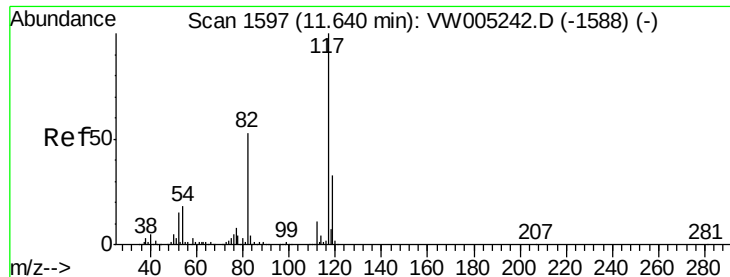
Ion Ratio Lower Upper

95 100

174 89.1 0.0 174.6

176 85.5 0.0 167.6

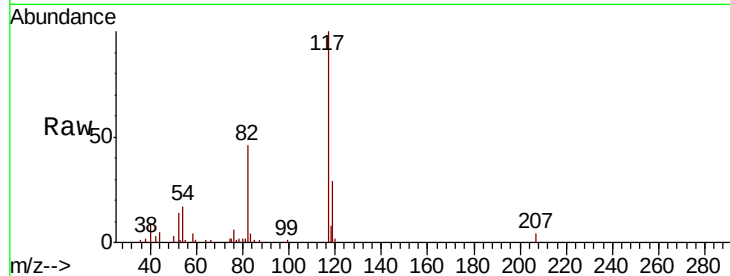




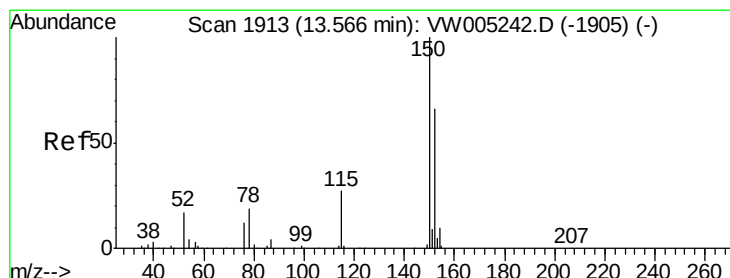
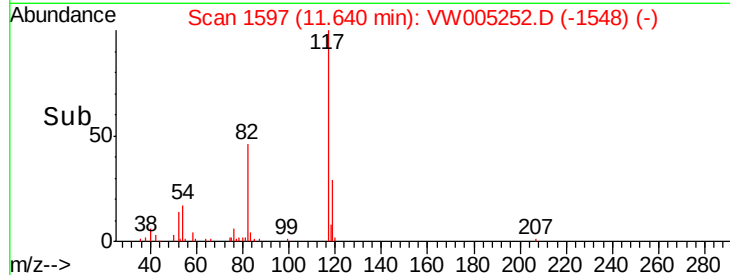
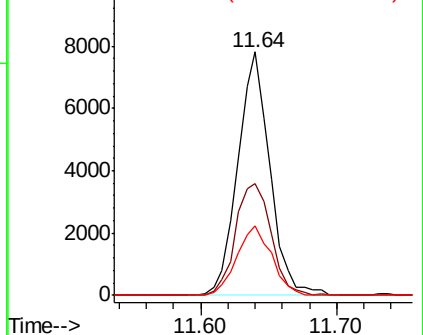
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005252.D
Acq: 10 Sep 2018 20:28

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5

Tot Ion:117 Resp: 12814
Ion Ratio Lower Upper
117 100
82 46.0 42.6 63.8
119 28.6 26.2 39.4

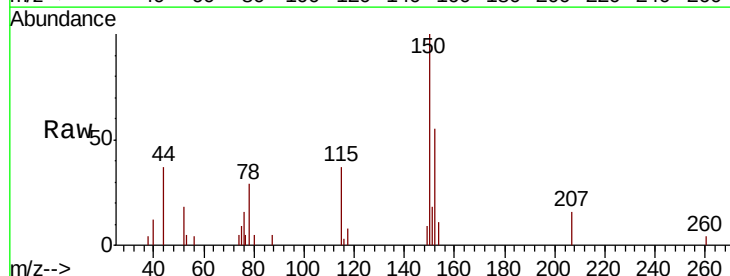


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005252.D
Acq: 10 Sep 2018 20:28

Tgt Ion:152 Resp: 1722
Ion Ratio Lower Upper
152 100
115 72.9 27.5 82.4
150 167.2 0.0 347.4



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

