

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006698.D
 Acq On : 06 Nov 2018 20:26
 Operator : SY/AP
 Sample : J5812-25
 Misc : 5.89G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP4-A

Quant Time: Nov 07 14:39:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

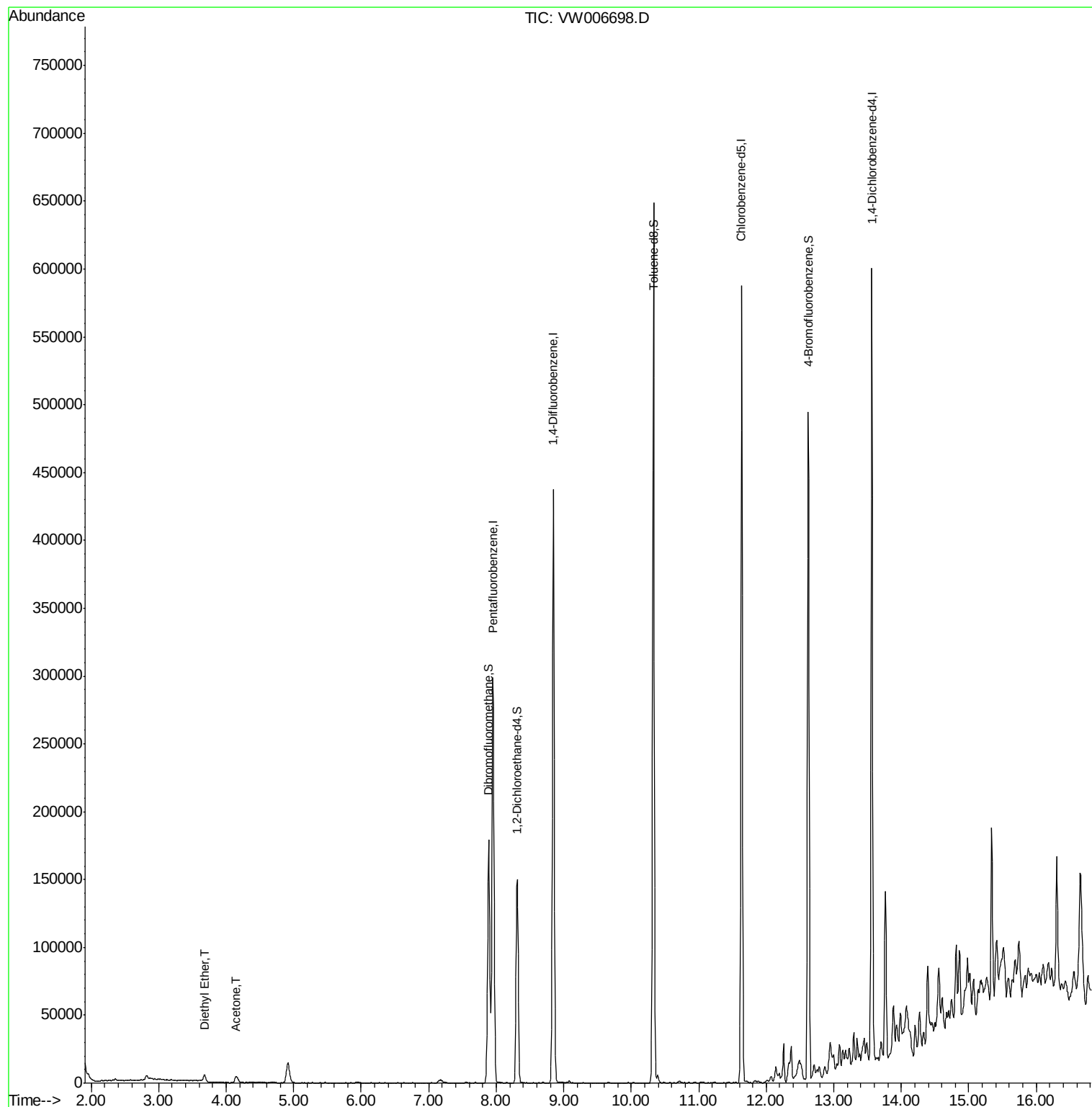
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	246764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	390066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	350601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	170502	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	118694	55.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.92%	
35) Dibromofluoromethane	7.89	113	125474	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
50) Toluene-d8	10.33	98	455391	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.62	95	149463	44.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.48%	
Target Compounds						
8) Diethyl Ether	3.68	74	3158	2.960	ug/l	89
16) Acetone	4.15	43	10078	29.428	ug/l	88

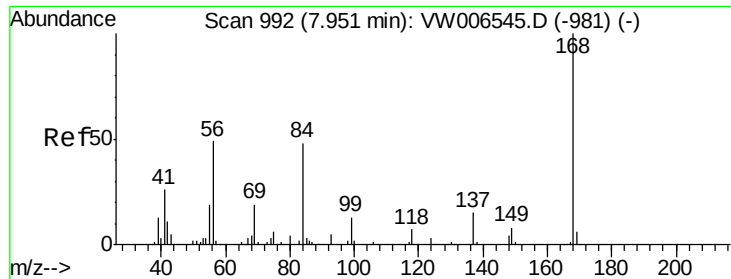
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006698.D

Acq: 06 Nov 2018 20:26

Instrument :

MSVOA_W

ClientSampled :

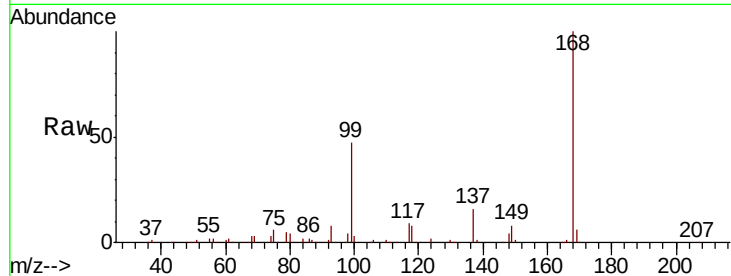
TP4-A

Tot Ion:168 Resp: 246764

Ion Ratio Lower Upper

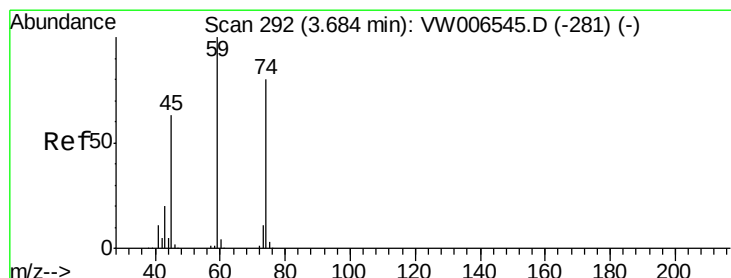
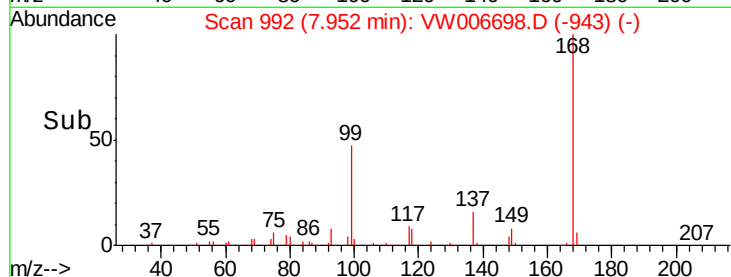
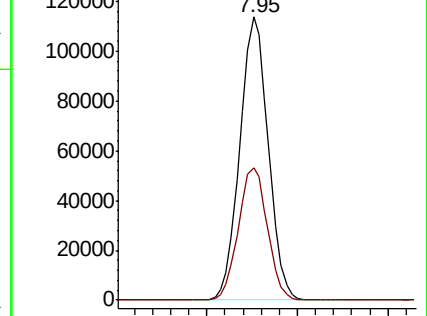
168 100

99 46.9 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.960 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006698.D

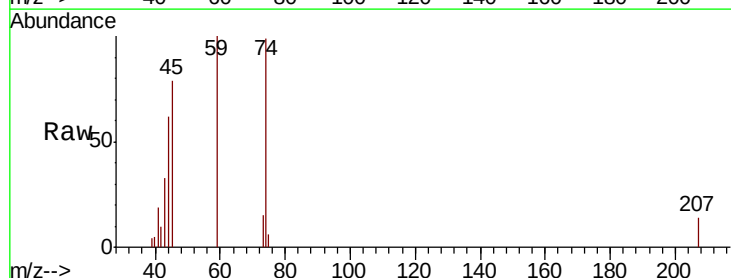
Acq: 06 Nov 2018 20:26

Tgt Ion: 74 Resp: 3158

Ion Ratio Lower Upper

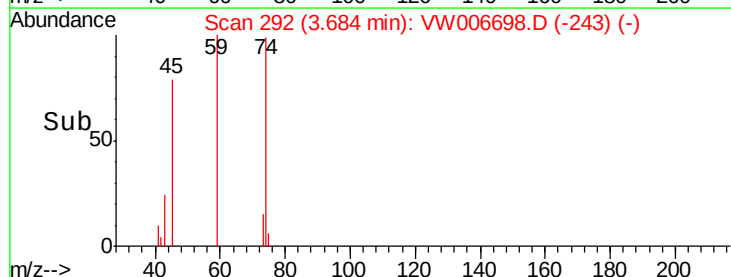
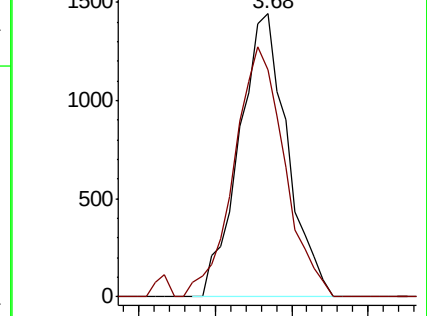
74 100

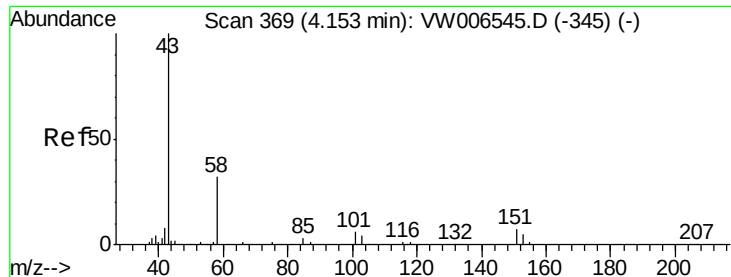
45 92.3 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 29.428 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.00 min

Lab File: VW006698.D

Acq: 06 Nov 2018 20:26

Instrument :

MSVOA_W

ClientSampleId :

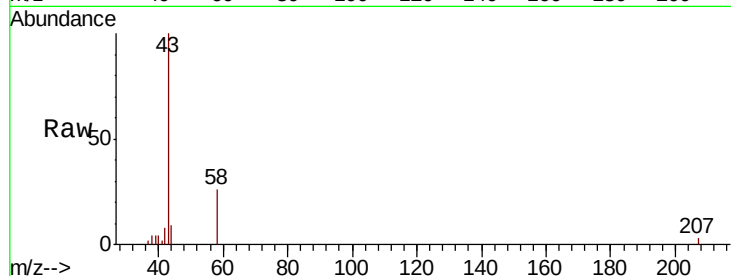
TP4-A

Tot Ion: 43 Resp: 10078

Ion Ratio Lower Upper

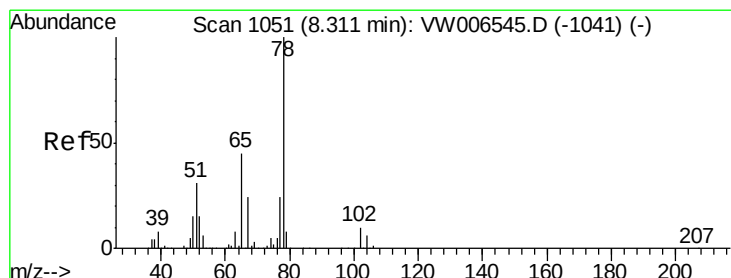
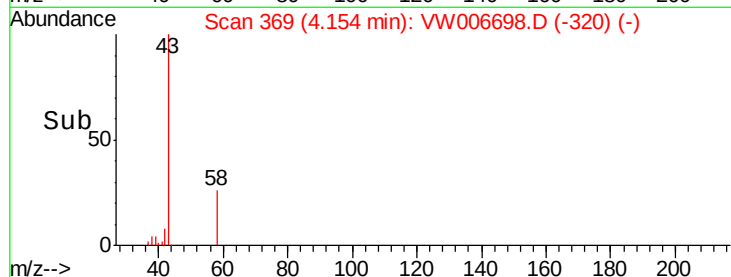
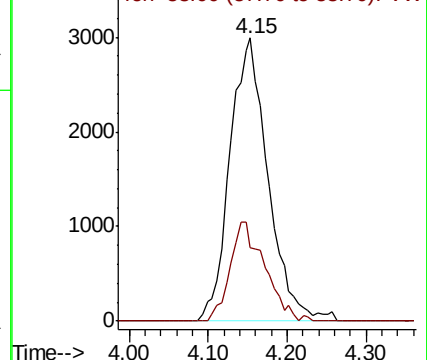
43 100

58 25.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#33

1,2-Dichloroethane-d4

Concen: 55.957 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006698.D

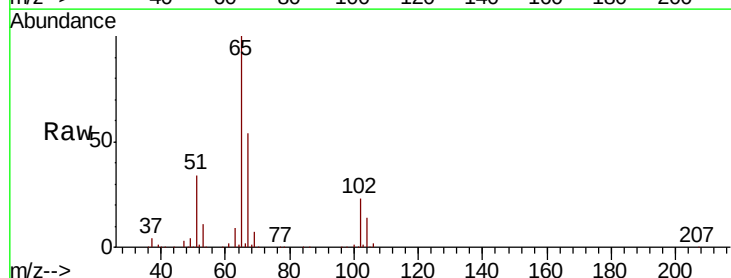
Acq: 06 Nov 2018 20:26

Tgt Ion: 65 Resp: 118694

Ion Ratio Lower Upper

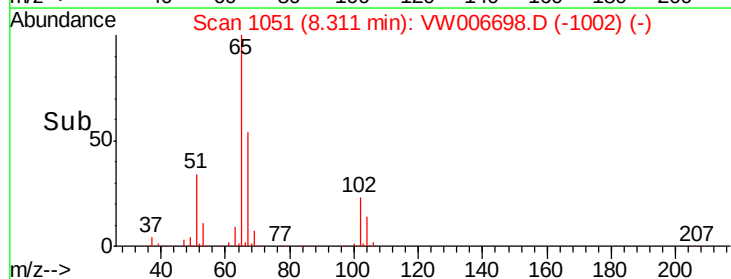
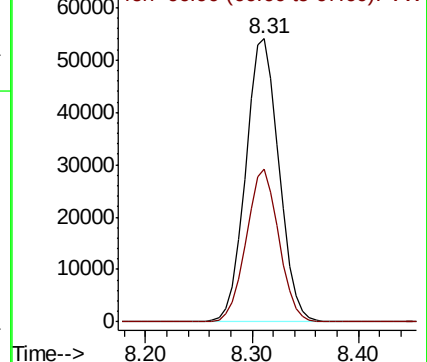
65 100

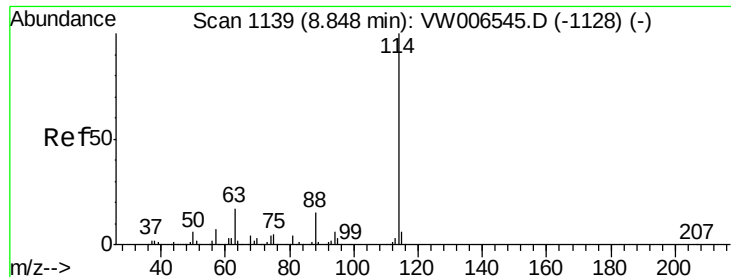
67 52.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

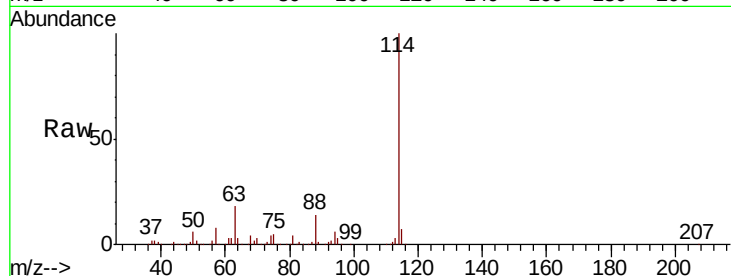




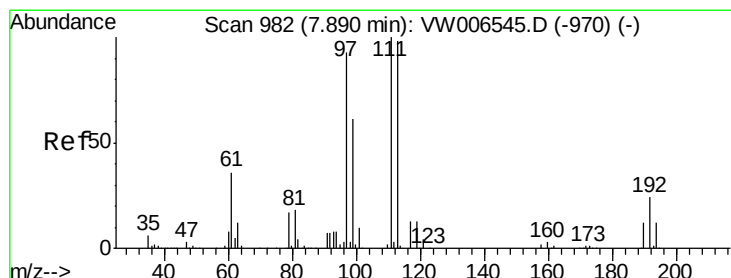
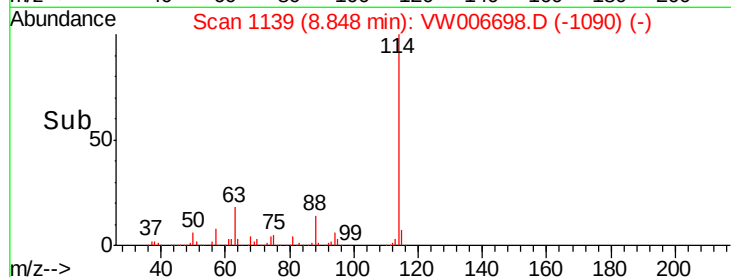
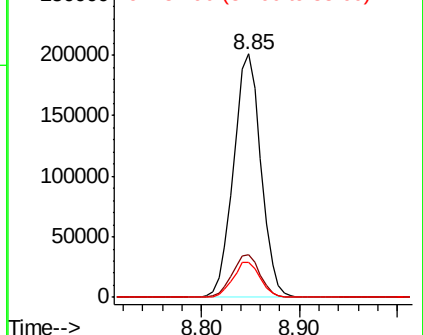
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006698.D
 Acq: 06 Nov 2018 20:26

Instrument :
 MSVOA_W
 ClientSampled :
 TP4-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	34.4
88	14.5	0.0	29.0

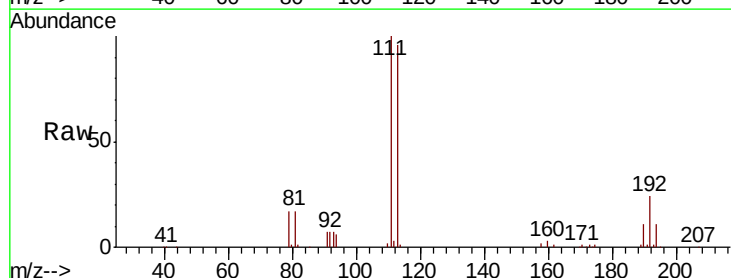


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

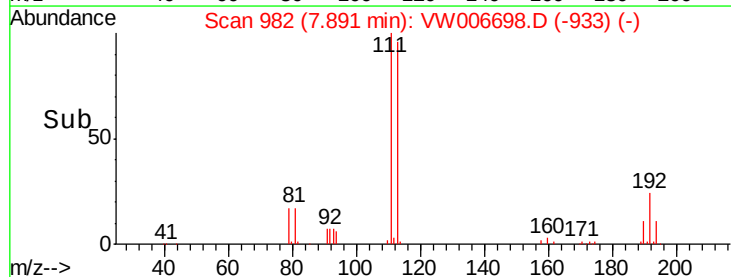
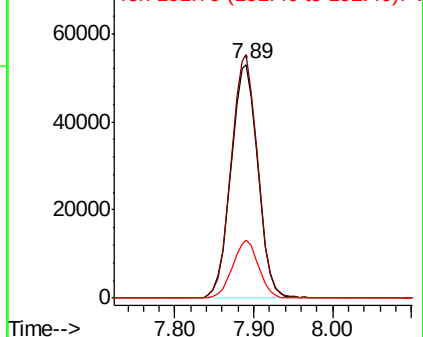


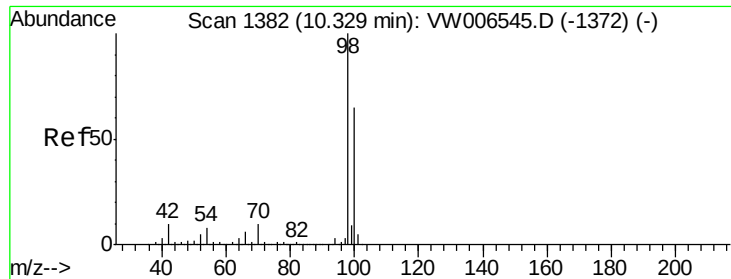
#35
 Dibromofluoromethane
 Concen: 51.256 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006698.D
 Acq: 06 Nov 2018 20:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.2
192	23.8	19.0	28.6



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

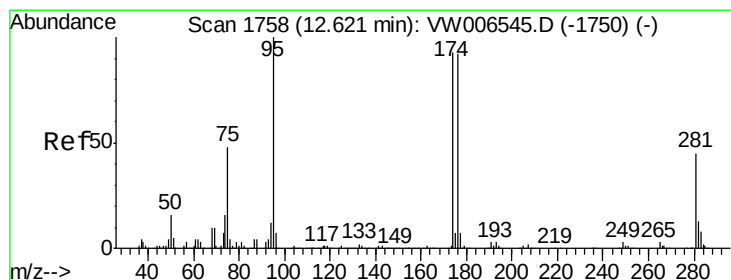
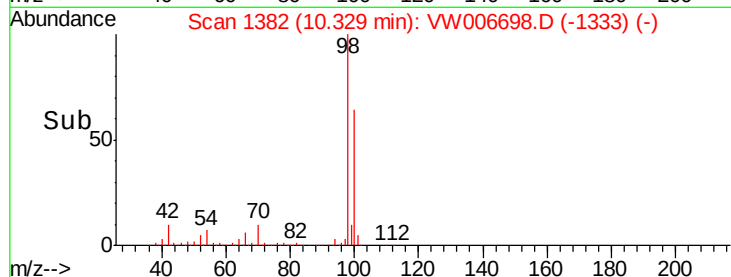
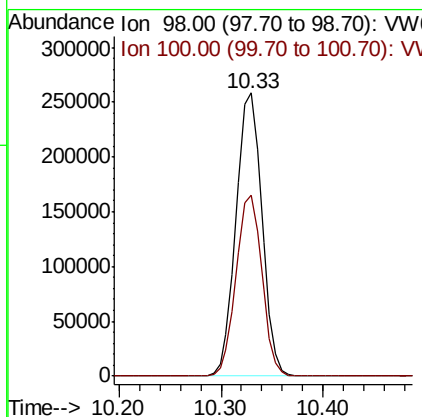
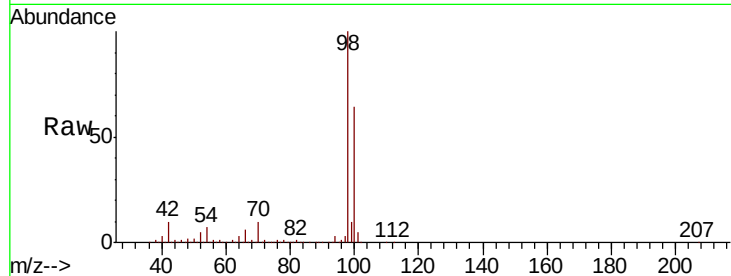




#50
Toluene-d8
Concen: 48.867 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006698.D
Acq: 06 Nov 2018 20:26

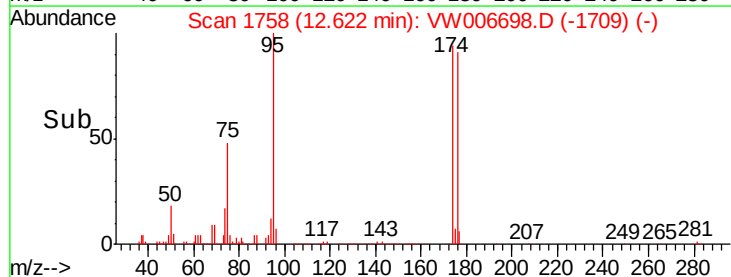
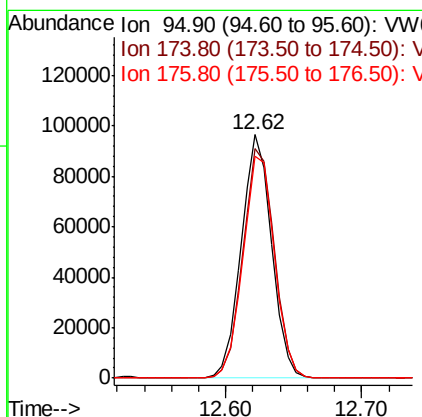
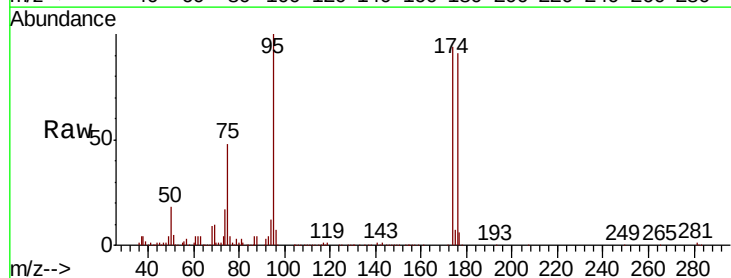
Instrument :
MSVOA_W
ClientSampleId :
TP4-A

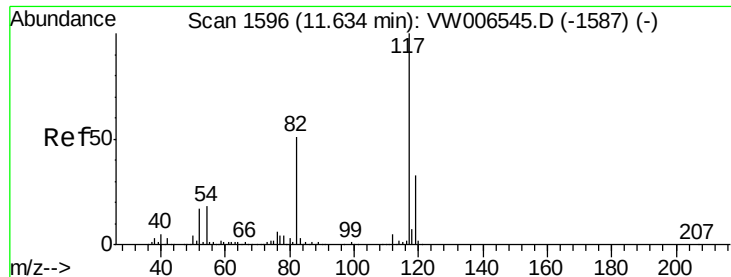
Tot Ion: 98 Resp: 455391
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 44.240 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006698.D
Acq: 06 Nov 2018 20:26

Tgt Ion: 95 Resp: 149463
Ion Ratio Lower Upper
95 100
174 98.6 0.0 192.4
176 95.6 0.0 187.4

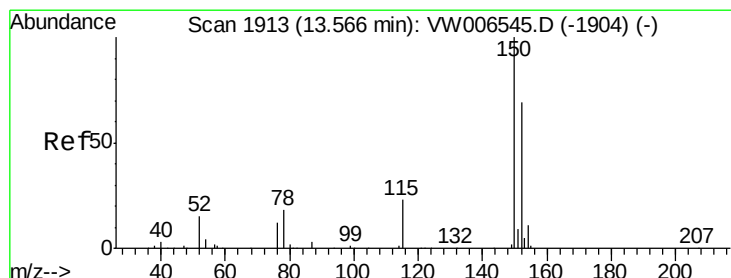
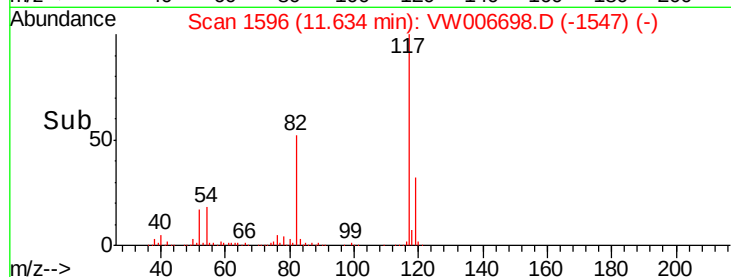
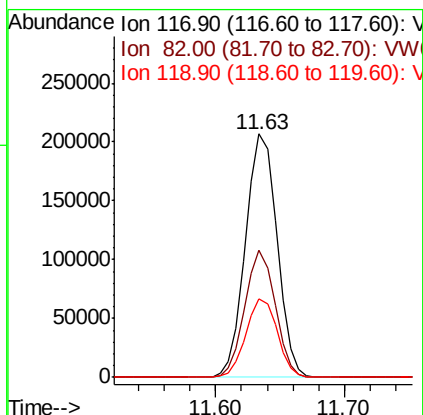
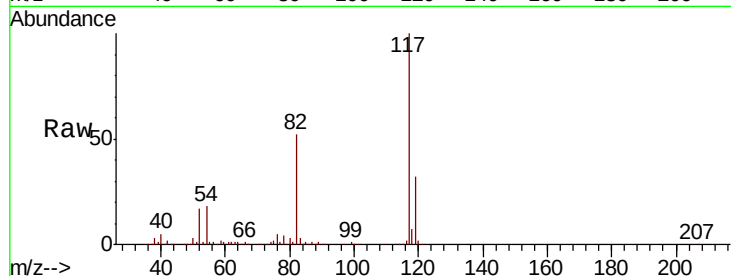




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006698.D
Acq: 06 Nov 2018 20:26

Instrument :
MSVOA_W
ClientSampled :
TP4-A

Tot Ion:117 Resp: 350601
Ion Ratio Lower Upper
117 100
82 52.1 40.8 61.2
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006698.D
Acq: 06 Nov 2018 20:26

Tgt Ion:152 Resp: 170502
Ion Ratio Lower Upper
152 100
115 52.9 26.6 79.8
150 155.9 0.0 344.6

