

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005467.D
 Acq On : 18 Sep 2018 07:59
 Operator : SY/AP
 Sample : J4936-19
 Misc : 2.54G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 138-KV-2

Quant Time: Sep 18 08:59:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	92787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	95520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	28667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	4438	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	33993	35.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	70.58%	
35) Dibromofluoromethane	7.89	113	33745	63.01	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	126.02%	
50) Toluene-d8	10.33	98	62864	25.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	51.26%	
62) 4-Bromofluorobenzene	12.62	95	5610	6.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	12.48%	

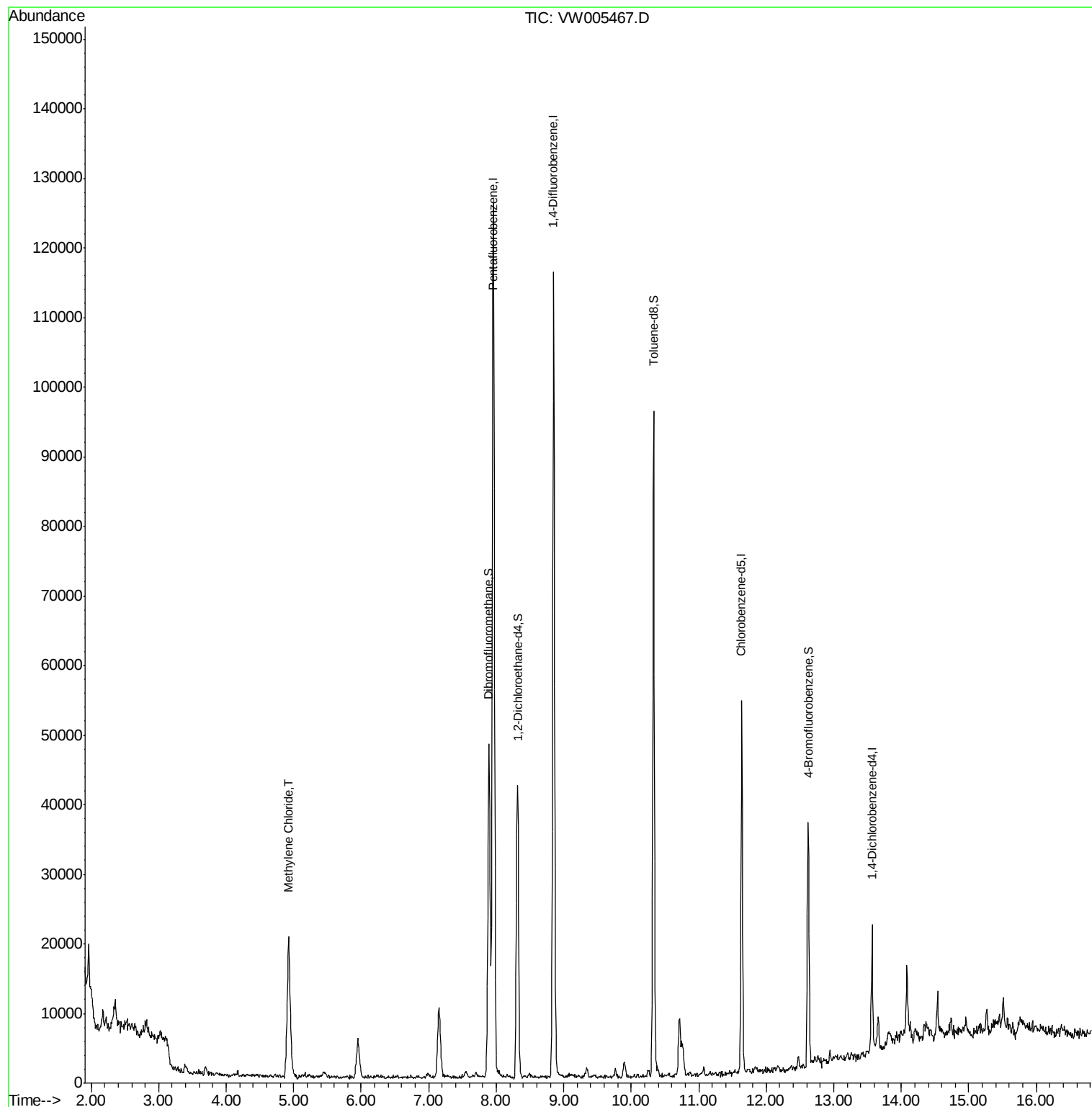
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.93	84	13871	9.91	ug/l	95

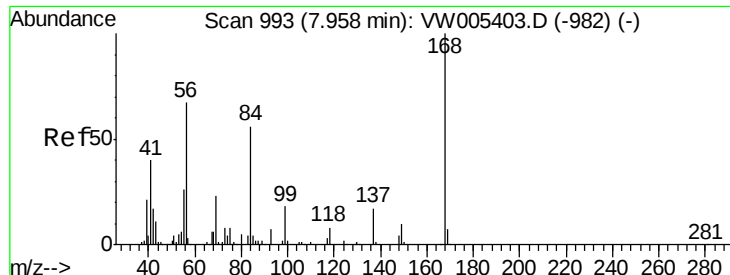
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005467.D

Acq: 18 Sep 2018 07:59

Instrument :

MSVOA_W

ClientSampleId :

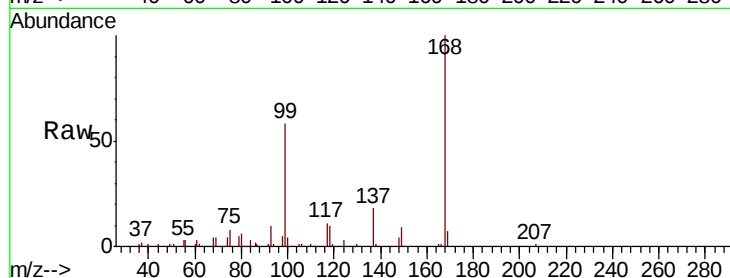
138-KV-2

Tot Ion:168 Resp: 92787

Ion Ratio Lower Upper

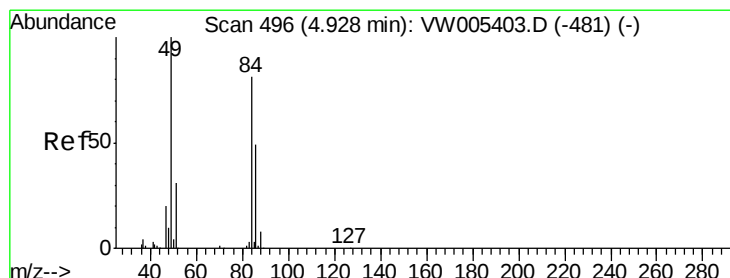
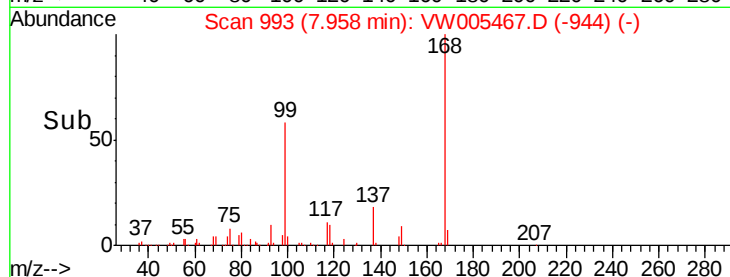
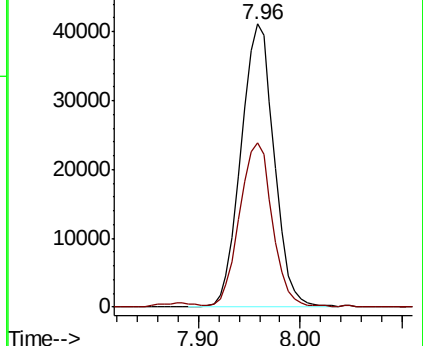
168 100

99 57.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 9.91 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW005467.D

Acq: 18 Sep 2018 07:59

Tgt Ion: 84 Resp: 13871

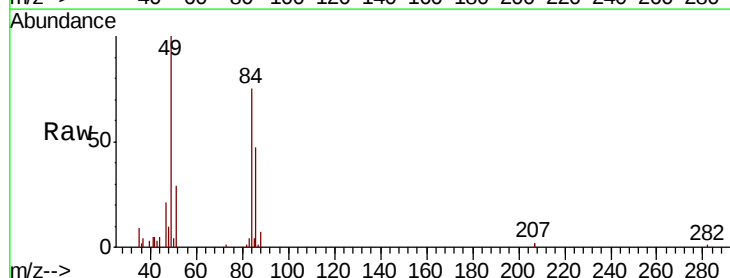
Ion Ratio Lower Upper

84 100

49 133.0 99.3 148.9

51 38.6 31.1 46.7

86 62.8 49.1 73.7

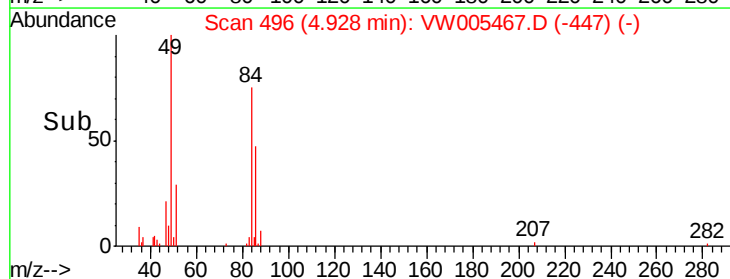
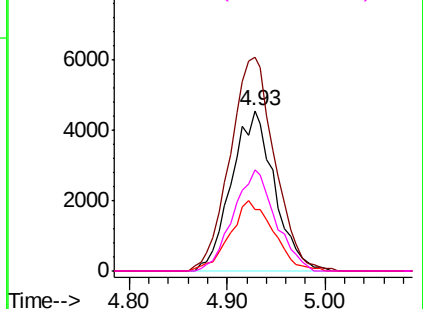


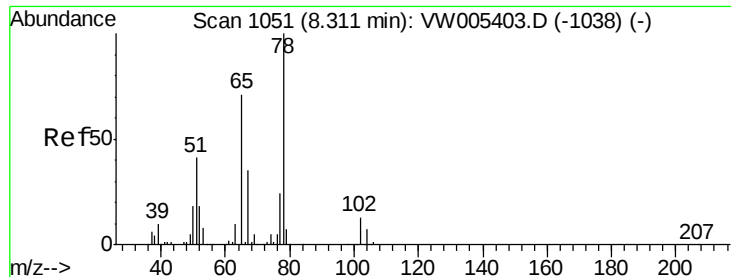
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#33

1,2-Dichloroethane-d4

Concen: 35.29 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005467.D

Acq: 18 Sep 2018 07:59

Instrument :

MSVOA_W

ClientSampleId :

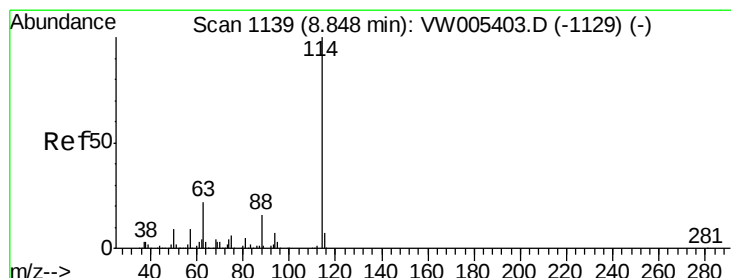
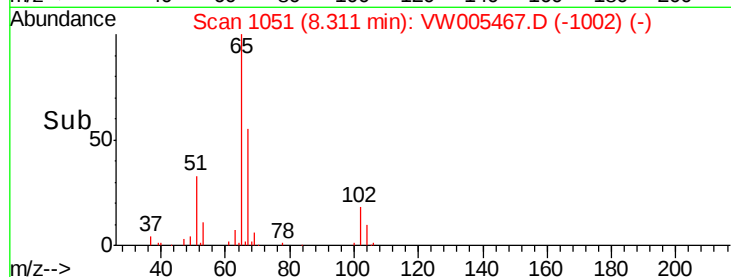
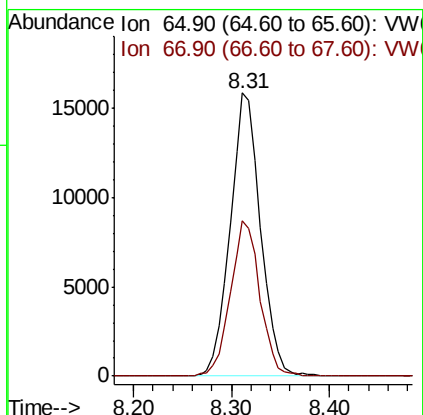
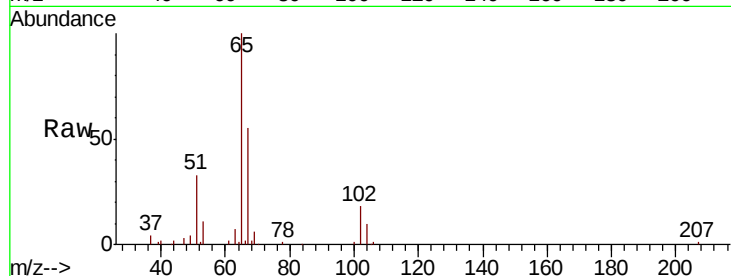
138-KV-2

Tot Ion: 65 Resp: 33993

Ion Ratio Lower Upper

65 100

67 53.4 0.0 100.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1140

Delta R.T. 0.01 min

Lab File: VW005467.D

Acq: 18 Sep 2018 07:59

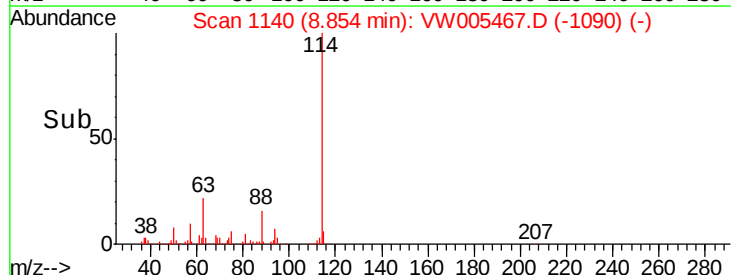
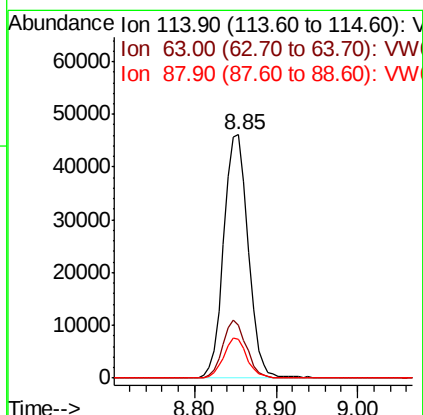
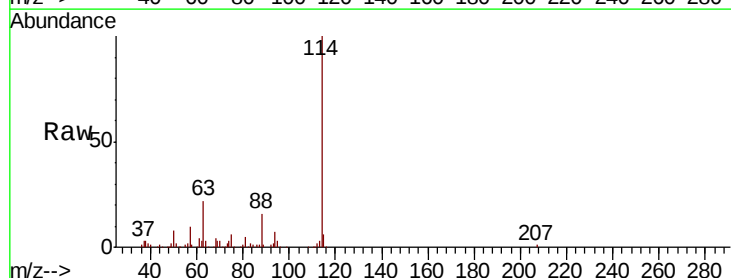
Tgt Ion: 114 Resp: 95520

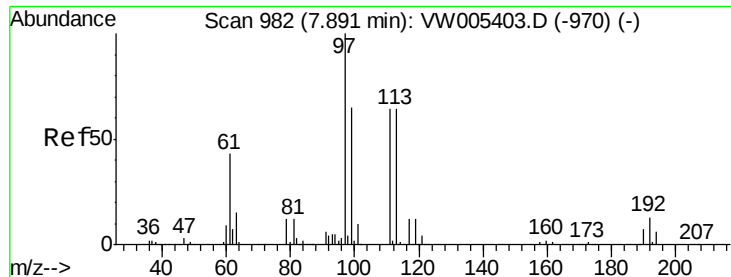
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

88 16.0 0.0 31.8

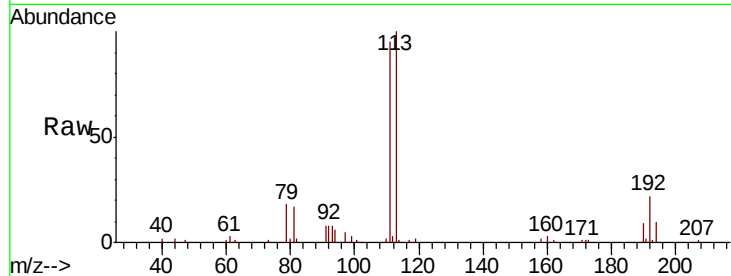




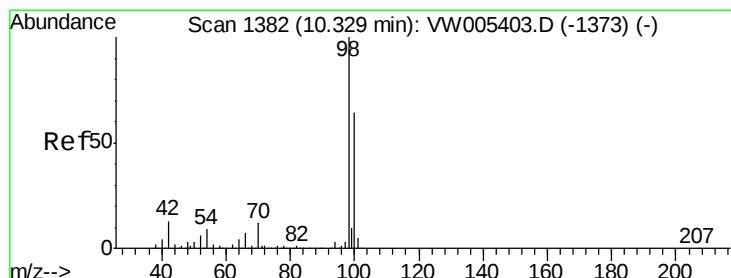
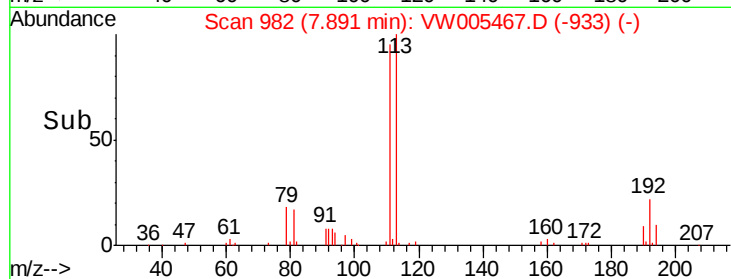
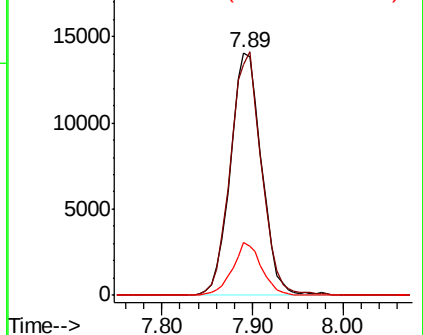
#35
 Dibromofluoromethane
 Concen: 63.01 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005467.D
 Acq: 18 Sep 2018 07:59

Instrument :
 MSVOA_W
 ClientSampleId :
 138-KV-2

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.8	82.3	123.5
192	20.1	16.5	24.7

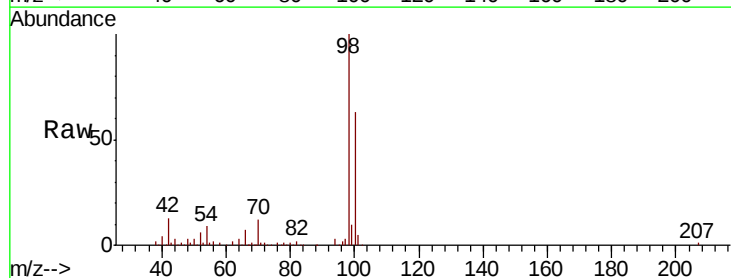


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

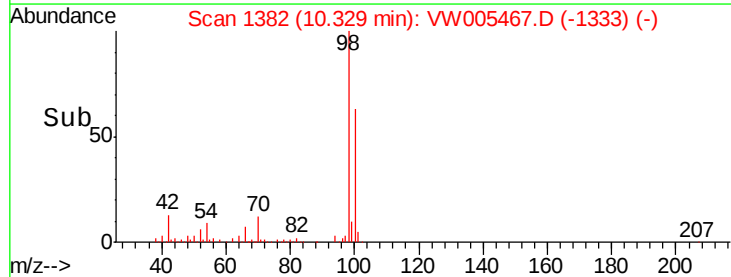
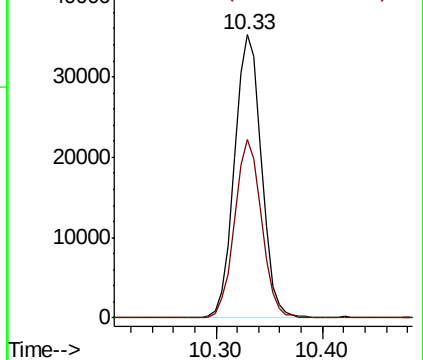


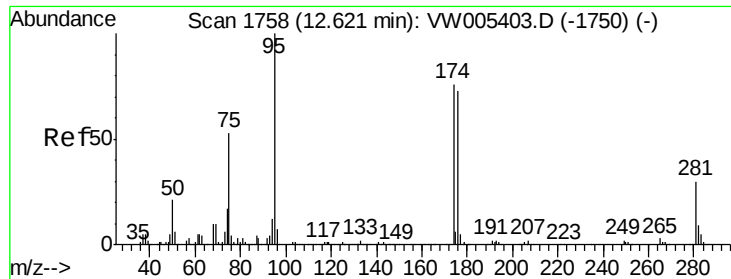
#50
 Toluene-d8
 Concen: 25.63 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW005467.D
 Acq: 18 Sep 2018 07:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.4	77.0



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

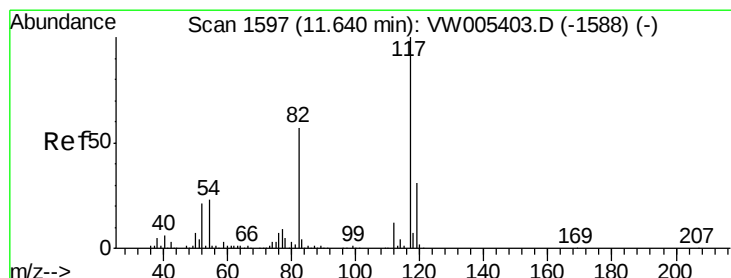
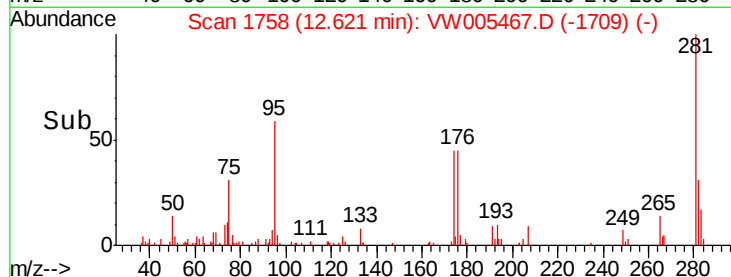
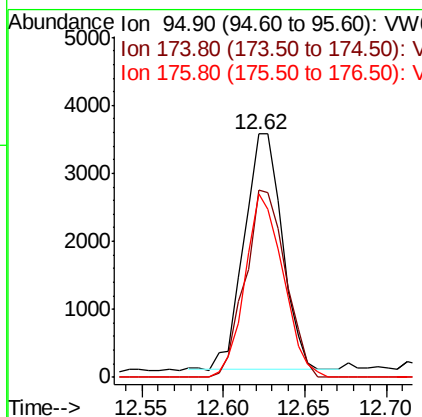
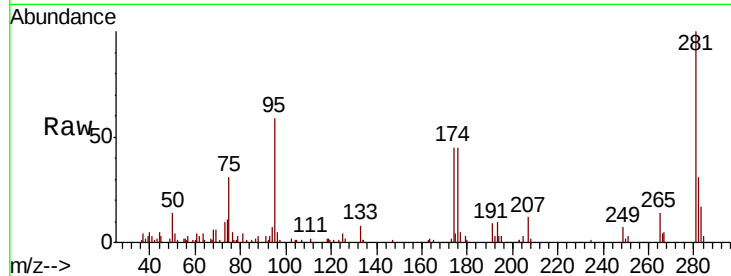




#62
4-Bromofluorobenzene
Concen: 6.24 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005467.D
Acq: 18 Sep 2018 07:59

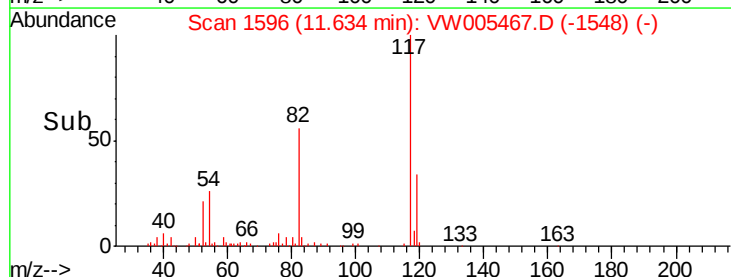
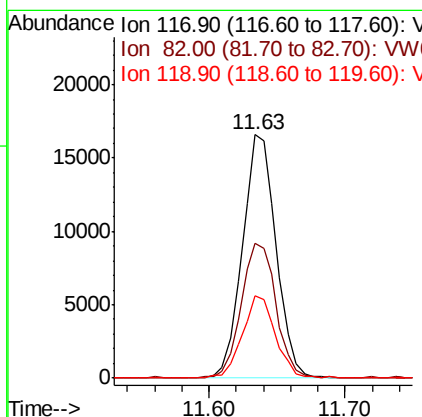
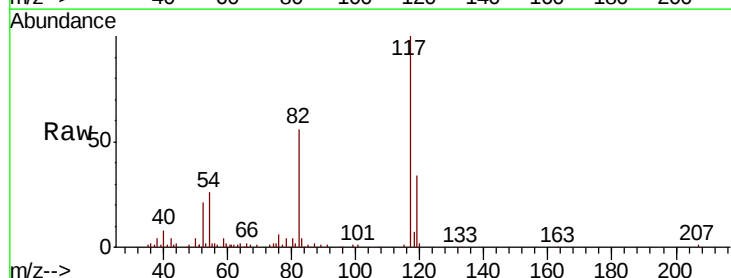
Instrument :
MSVOA_W
ClientSampleId :
138-KV-2

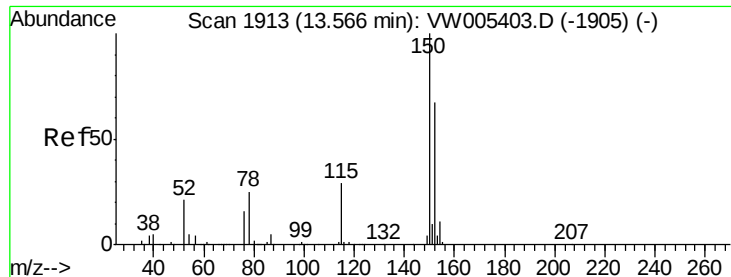
Tot Ion: 95 Resp: 5610
Ion Ratio Lower Upper
95 100
174 84.6 0.0 161.2
176 78.1 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005467.D
Acq: 18 Sep 2018 07:59

Tgt Ion: 117 Resp: 28667
Ion Ratio Lower Upper
117 100
82 55.6 45.9 68.9
119 33.9 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005467.D

Acq: 18 Sep 2018 07:59

Instrument :

MSVOA_W

ClientSampleId :

138-KV-2

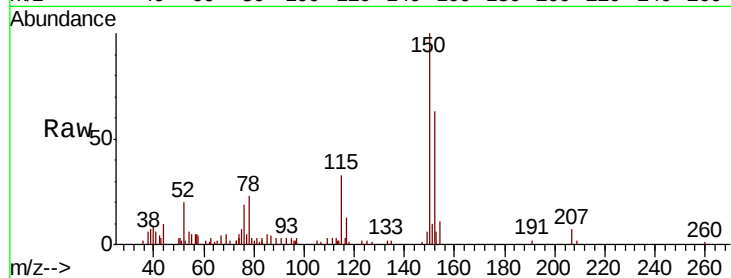
Tot Ion:152 Resp: 4438

Ion Ratio Lower Upper

152 100

115 60.7 29.5 88.5

150 160.5 0.0 345.6



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

