

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091018\
 Data File : VW005257.D
 Acq On : 10 Sep 2018 22:35
 Operator : SY/AP
 Sample : J4838-01
 Misc : 4.70G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-1A-G-090718-1

Quant Time: Sep 11 04:31:57 2018
 Quant Method : Z:\VOASRV\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	494214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	745473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	657476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	258756	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	178542	48.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.88%	
35) Dibromofluoromethane	7.89	113	172393	44.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.30%	
50) Toluene-d8	10.33	98	747245	37.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	75.74%	
62) 4-Bromofluorobenzene	12.63	95	220225	30.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	61.02%	

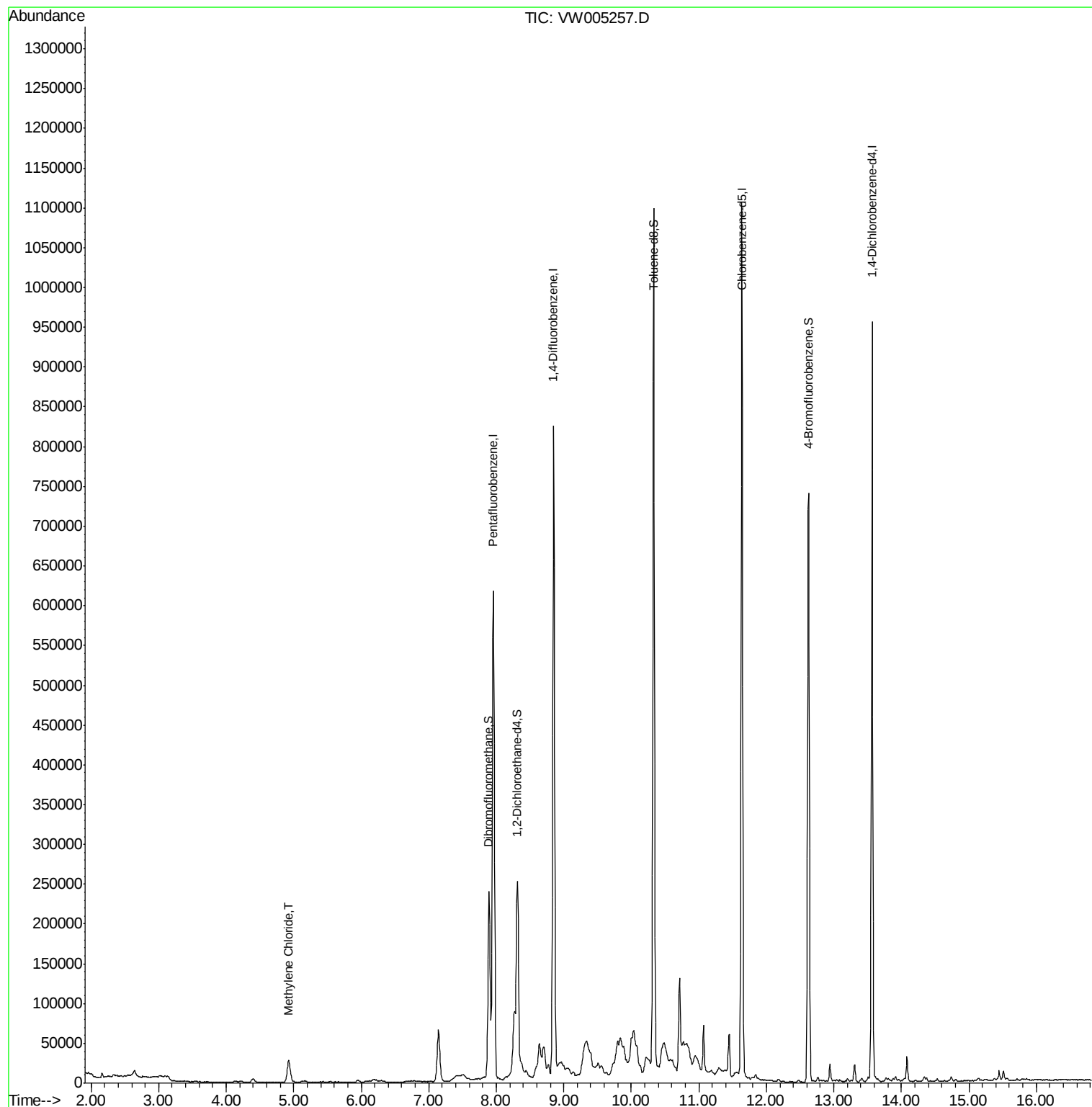
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.93	84	22710	1.26	ug/l	92

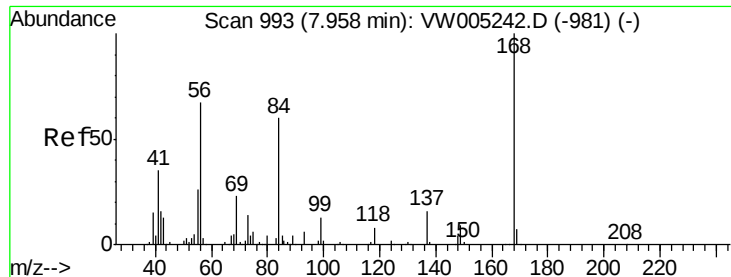
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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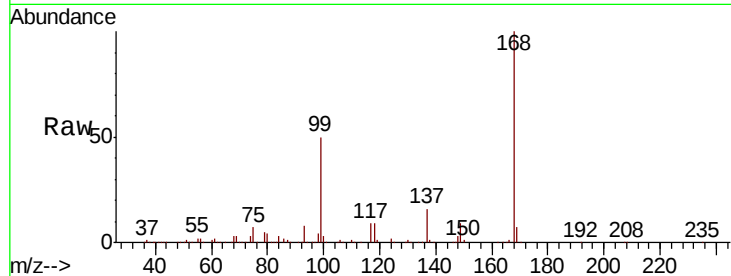


#1

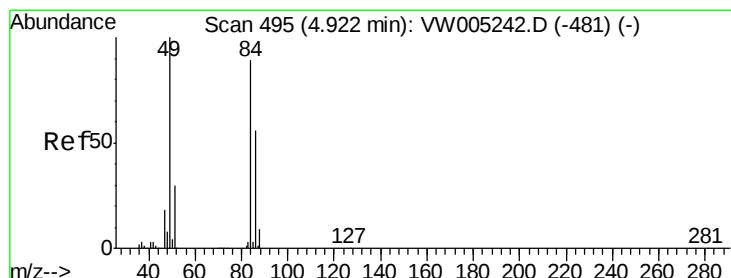
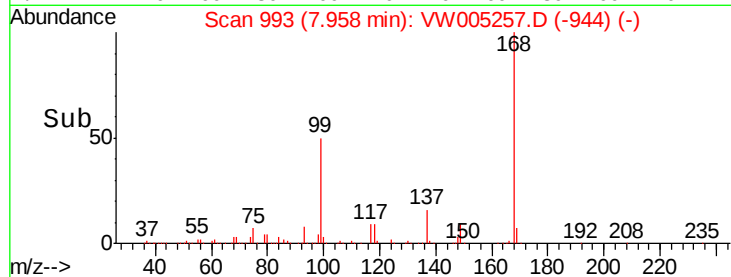
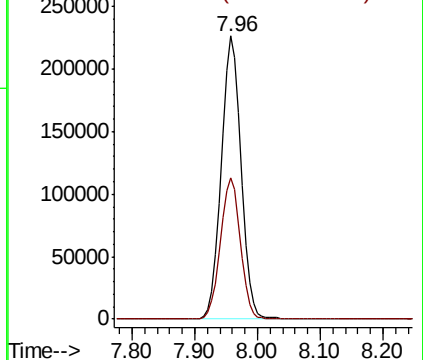
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VW005257.D
 Acq: 10 Sep 2018 22:35

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-1A-G-090718-1

Tot Ion:168 Resp: 494214
 Ion Ratio Lower Upper
 168 100
 99 50.1 39.1 58.7



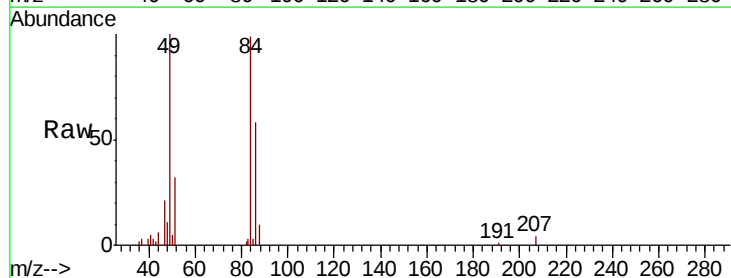
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VW



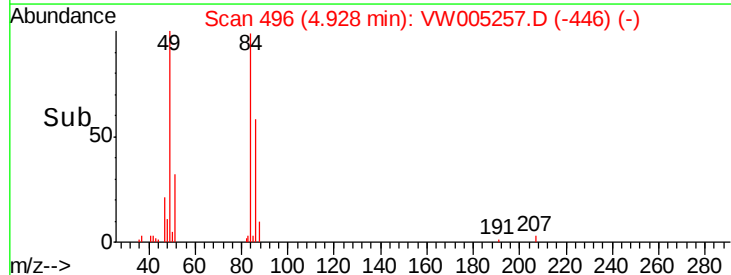
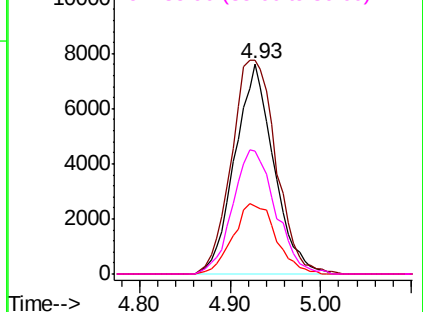
#20

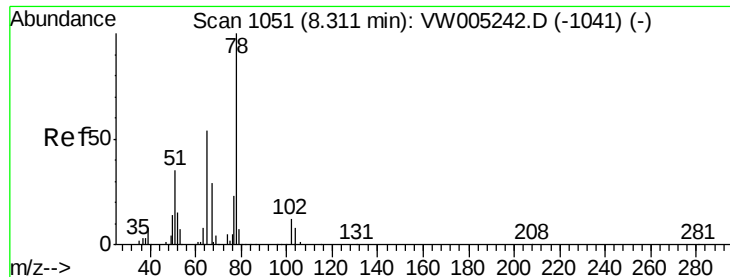
Methylene Chloride
 Concen: 1.26 ug/l
 RT: 4.93 min Scan# 496
 Delta R.T. 0.01 min
 Lab File: VW005257.D
 Acq: 10 Sep 2018 22:35

Tgt Ion: 84 Resp: 22710
 Ion Ratio Lower Upper
 84 100
 49 101.5 90.3 135.5
 51 32.6 26.9 40.3
 86 58.6 50.8 76.2



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

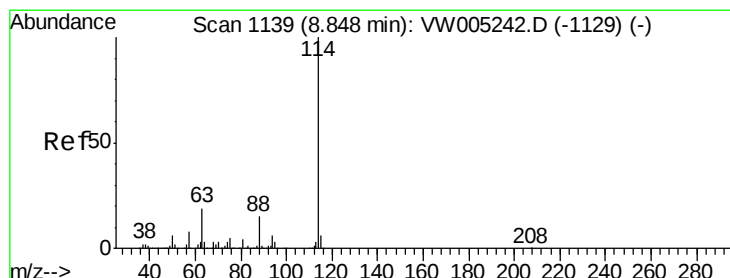
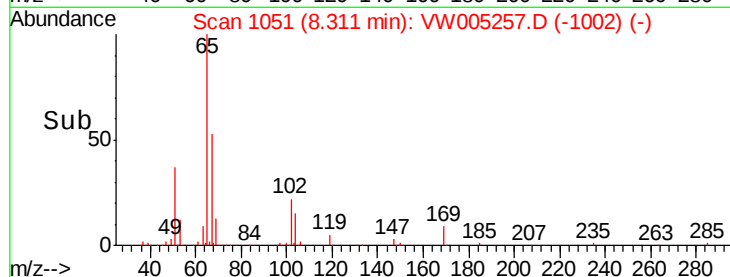
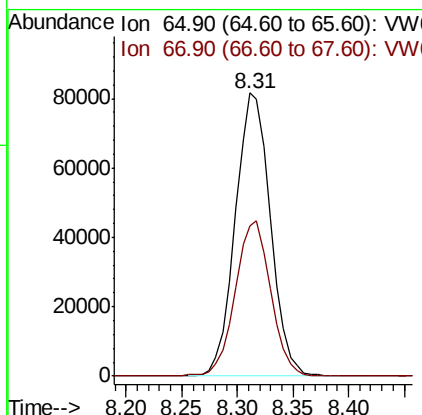
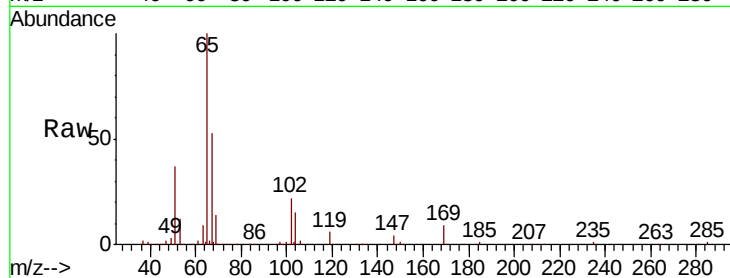




#33
 1,2-Dichloroethane-d4
 Concen: 48.44 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005257.D
 Acq: 10 Sep 2018 22:35

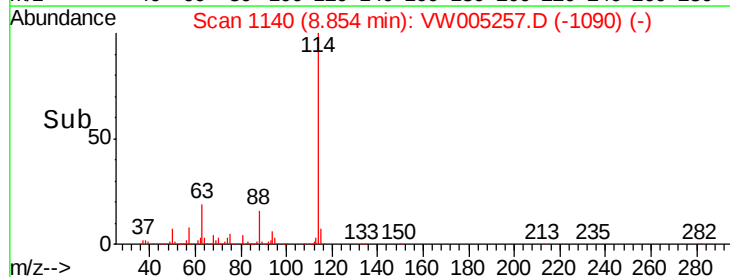
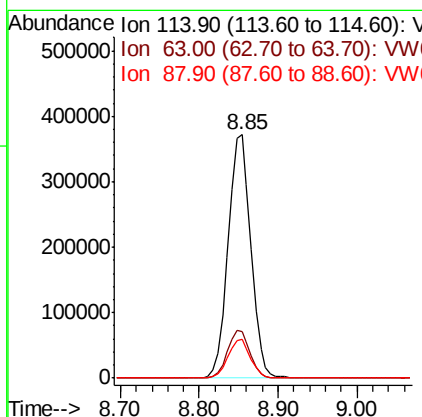
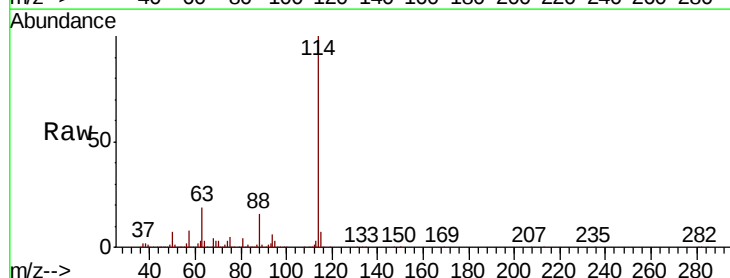
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-1A-G-090718-1

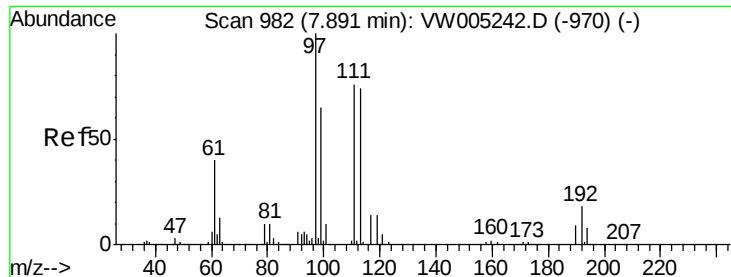
Tot Ion: 65 Resp: 178542
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005257.D
 Acq: 10 Sep 2018 22:35

Tgt Ion: 114 Resp: 745473
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.0
 88 15.8 0.0 30.4

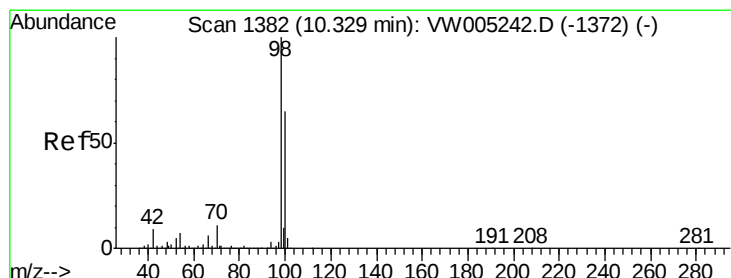
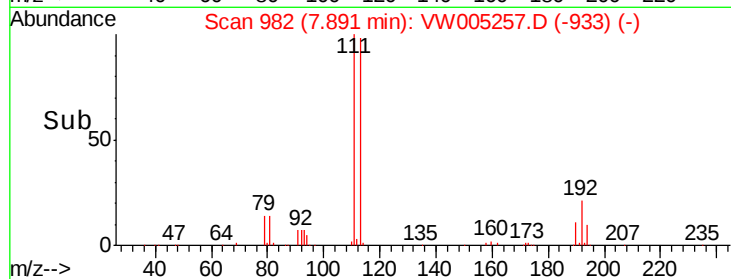
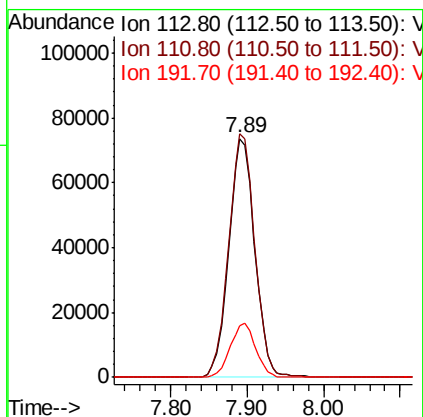
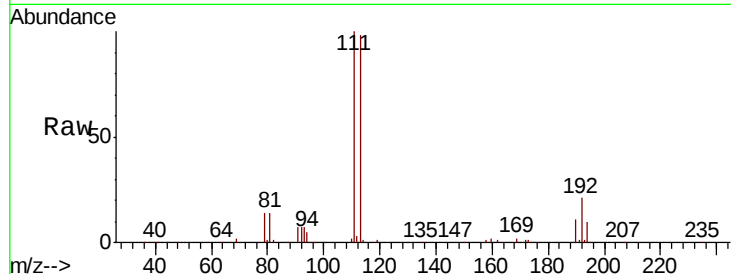




#35
 Dibromofluoromethane
 Concen: 44.15 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005257.D
 Acq: 10 Sep 2018 22:35

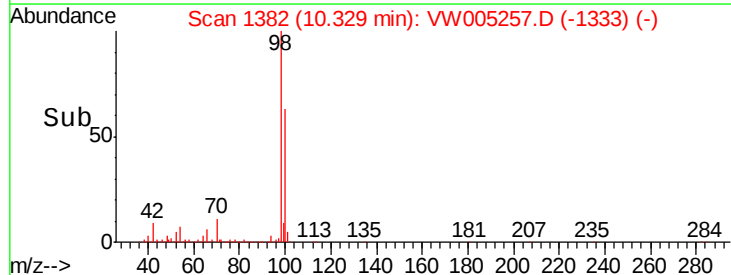
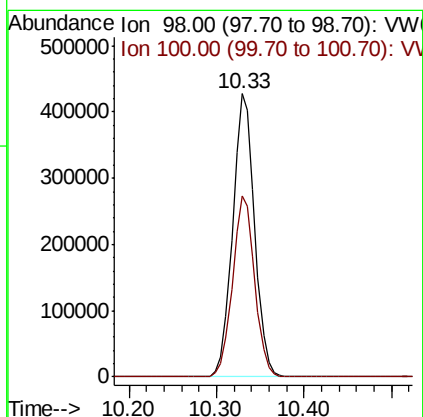
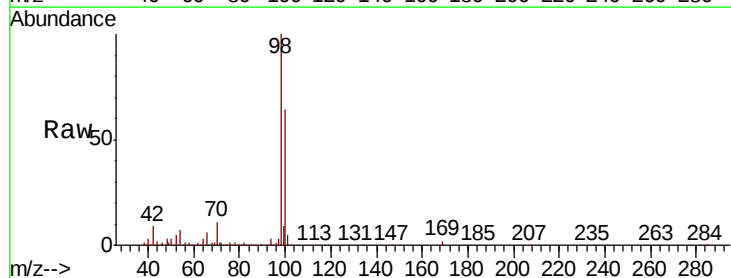
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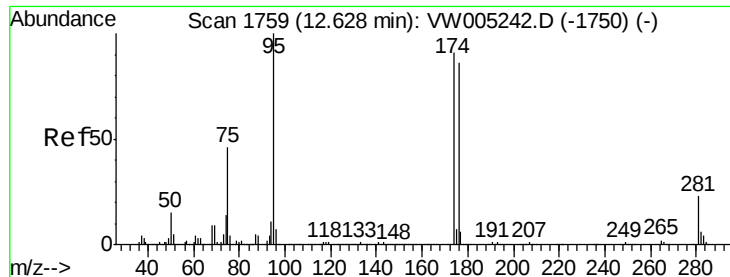
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.6	121.0
192	22.1	18.3	27.5



#50
 Toluene-d8
 Concen: 37.87 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005257.D
 Acq: 10 Sep 2018 22:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 30.51 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.00 min

Lab File: VW005257.D

Acq: 10 Sep 2018 22:35

Instrument :

MSVOA_W

ClientSampleId :

SUP-1A-G-090718-1

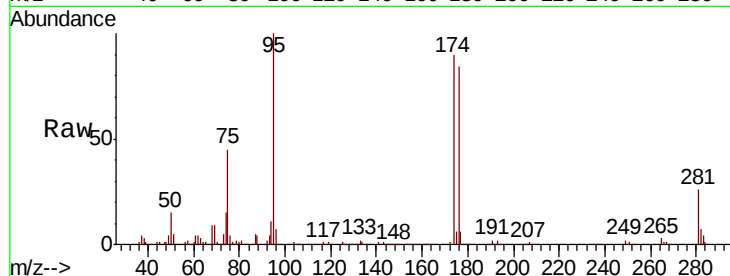
Tot Ion: 95 Resp: 220225

Ion Ratio Lower Upper

95 100

174 87.6 0.0 174.6

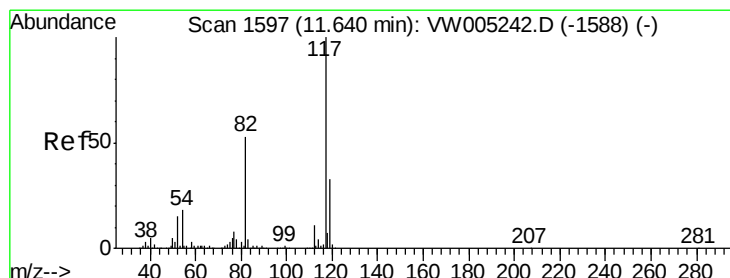
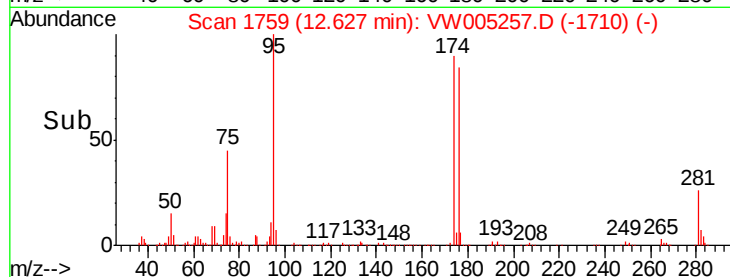
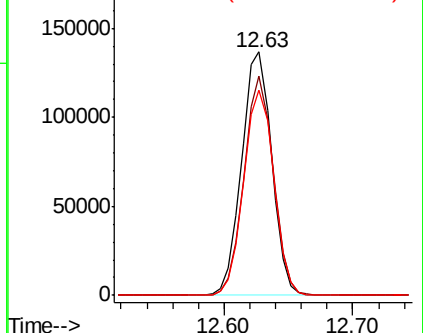
176 84.4 0.0 167.6



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: 50.00 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VW005257.D

Acq: 10 Sep 2018 22:35

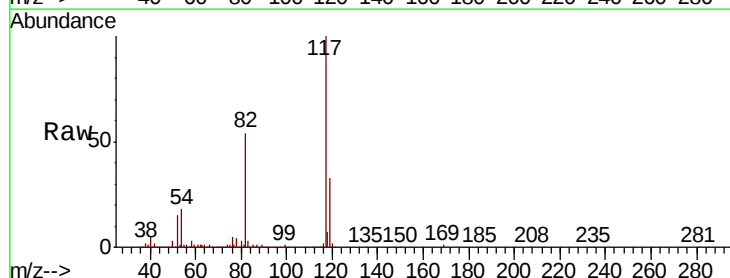
Tgt Ion: 117 Resp: 657476

Ion Ratio Lower Upper

117 100

82 53.8 42.6 63.8

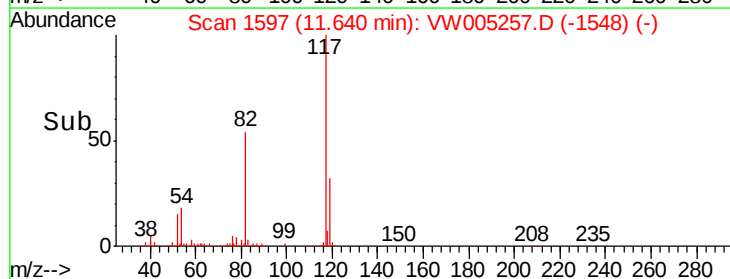
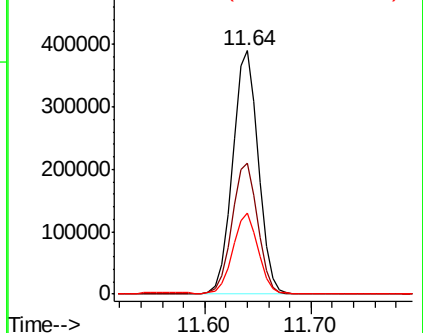
119 33.0 26.2 39.4

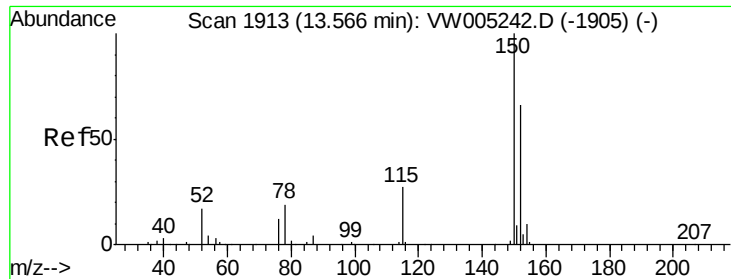


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

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Acq: 10 Sep 2018 22:35

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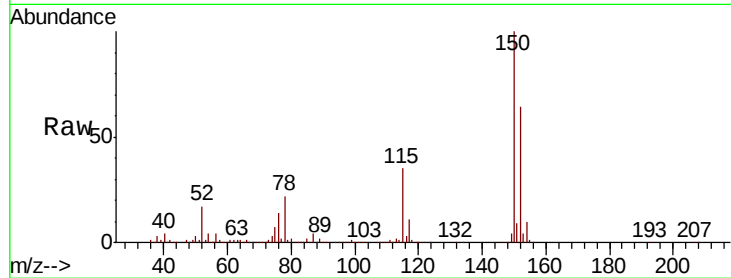
Tot Ion:152 Resp: 258756

Ion Ratio Lower Upper

152 100

115 56.5 27.5 82.4

150 156.4 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

