

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005920.D
 Acq On : 09 Oct 2018 04:03
 Operator : SY/AP
 Sample : J5306-04
 Misc : 5.79G/5ML/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-13-V

Quant Time: Oct 09 08:10:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	254977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	378046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	313886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	143069	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	70756	28.59	ug/l	0.00
Spiked Amount			Recovery	=	57.18%	
35) Dibromofluoromethane	7.88	113	73993	30.66	ug/l	0.00
Spiked Amount			Recovery	=	61.32%	
50) Toluene-d8	10.33	98	233883	25.19	ug/l	0.00
Spiked Amount			Recovery	=	50.38%	
62) 4-Bromofluorobenzene	12.62	95	86192	24.40	ug/l	0.00
Spiked Amount			Recovery	=	48.80%	

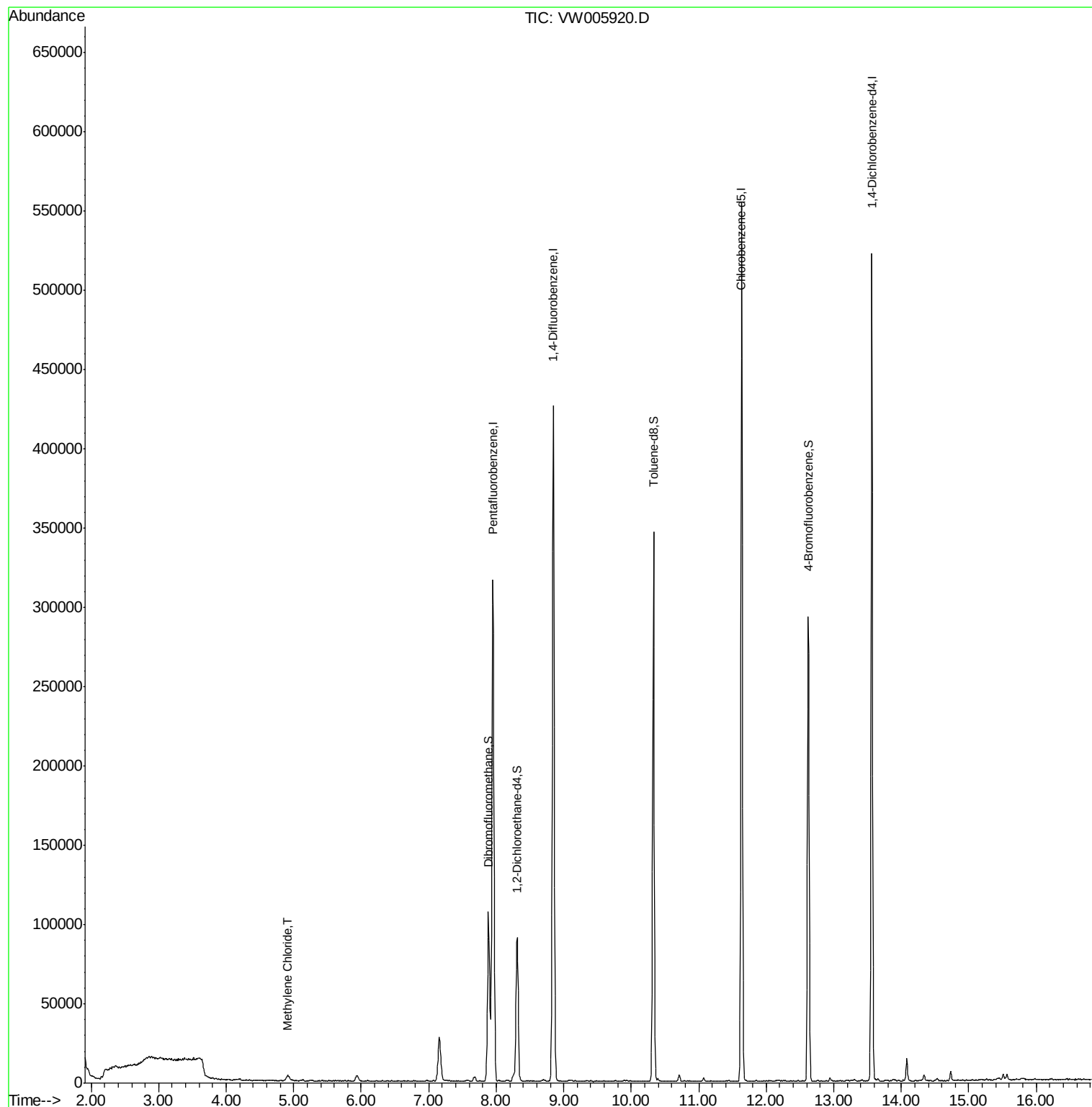
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.92	84	2808	1.13	ug/l	90

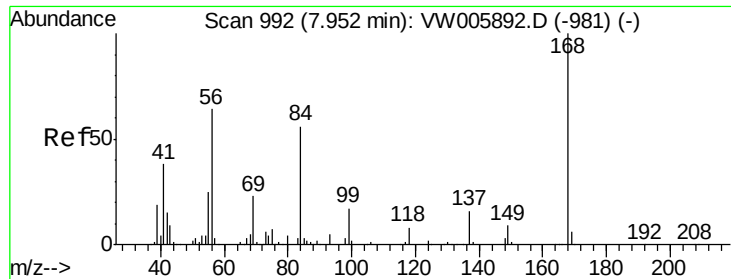
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005920.D

Acq: 09 Oct 2018 04:03

Instrument :

MSVOA_W

ClientSampled :

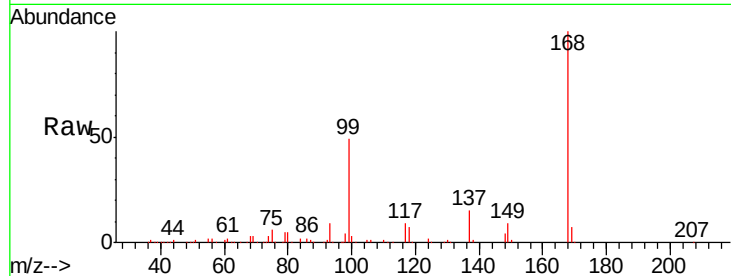
S-13-V

Tgt Ion:168 Resp: 254977

Ion Ratio Lower Upper

168 100

99 48.5 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

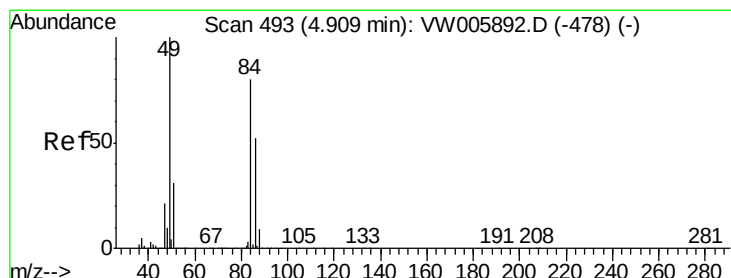
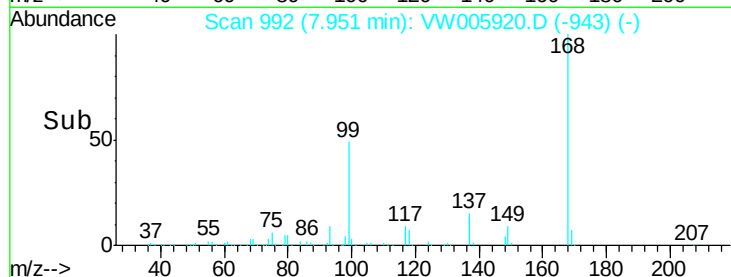
7.95

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.13 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005920.D

Acq: 09 Oct 2018 04:03

Tgt Ion: 84 Resp: 2808

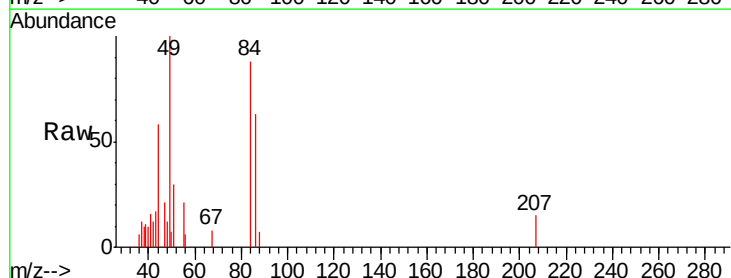
Ion Ratio Lower Upper

84 100

49 113.1 99.9 149.9

51 33.4 31.1 46.7

86 71.6 51.8 77.6



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

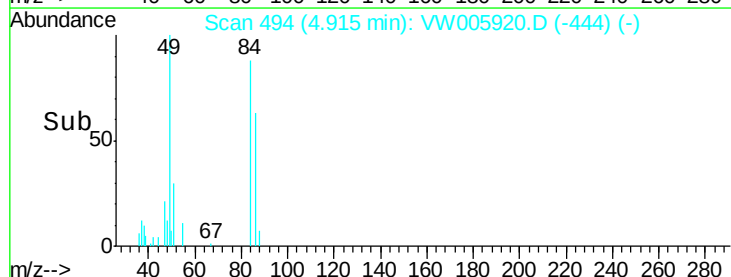
1500

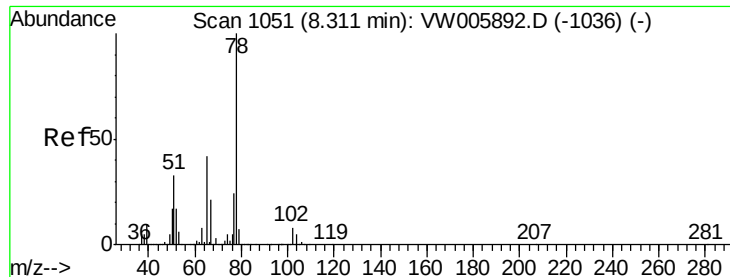
1000

500

0

Time-->

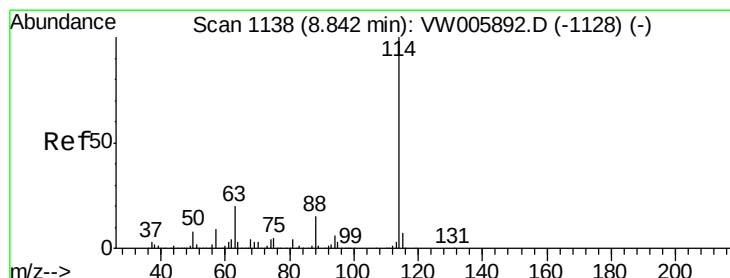
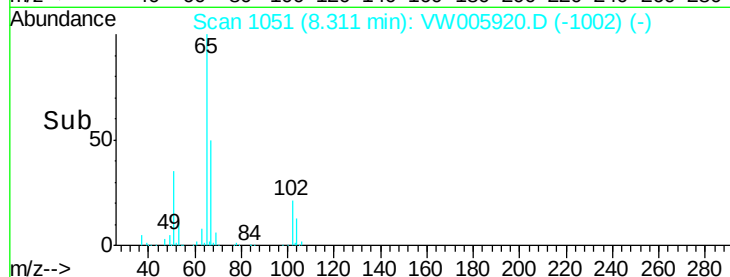
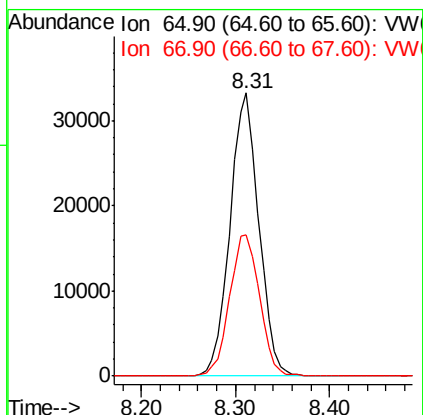
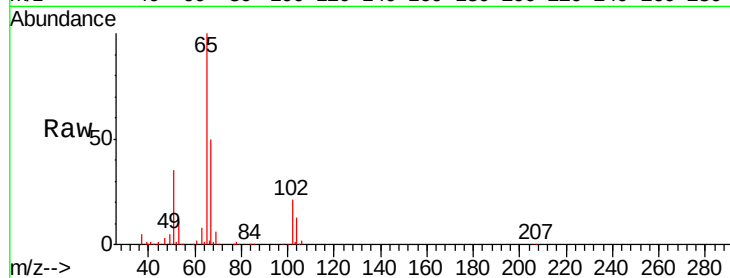




#33
 1,2-Dichloroethane-d4
 Concen: 28.59 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005920.D
 Acq: 09 Oct 2018 04:03

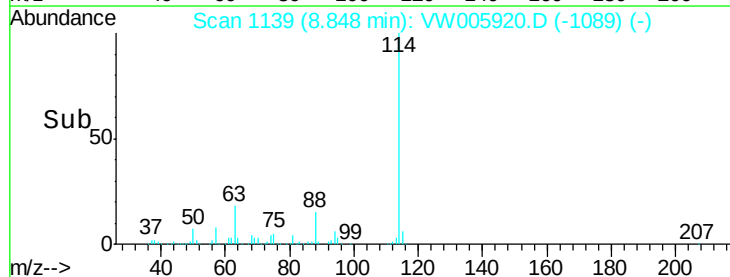
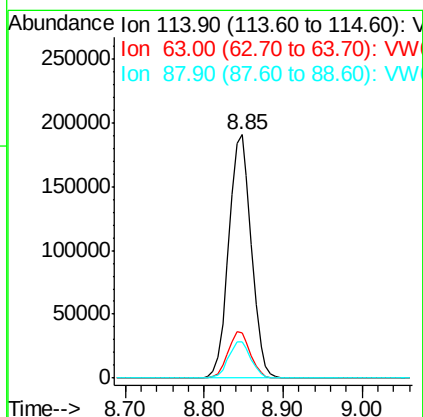
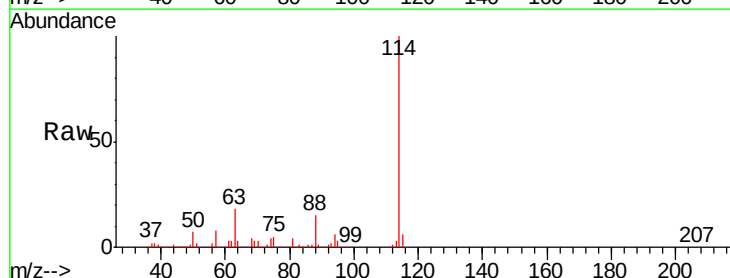
Instrument :
 MSVOA_W
 ClientSampleId :
 S-13-V

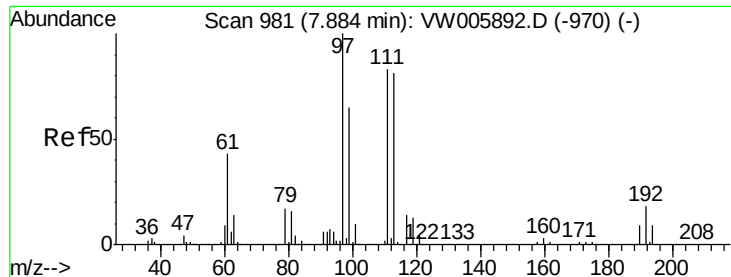
Tgt Ion: 65 Resp: 70756
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW005920.D
 Acq: 09 Oct 2018 04:03

Tgt Ion: 114 Resp: 378046
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.2
 88 14.9 0.0 30.8

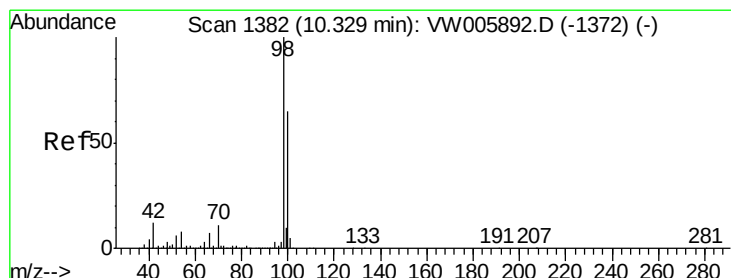
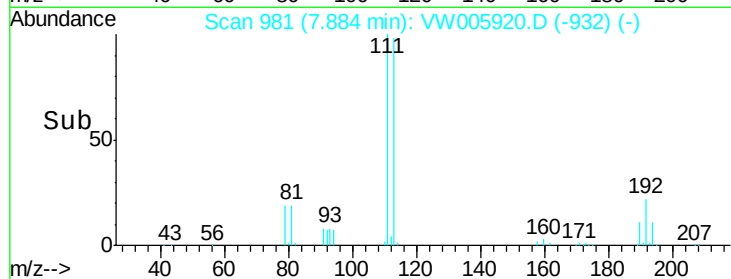
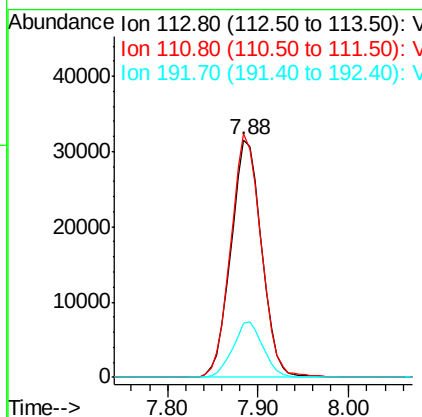
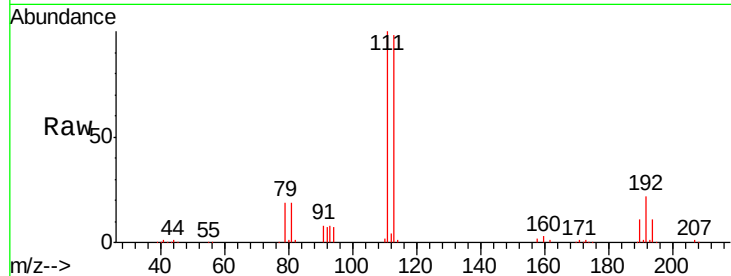




#35
 Dibromofluoromethane
 Concen: 30.66 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005920.D
 Acq: 09 Oct 2018 04:03

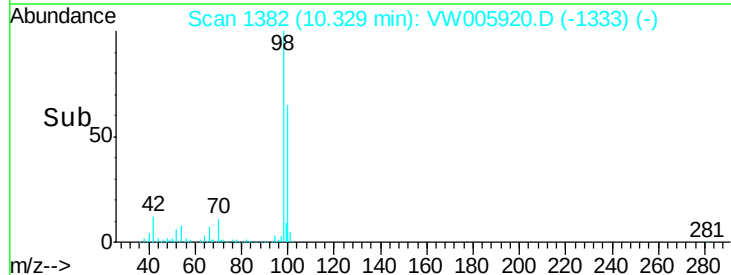
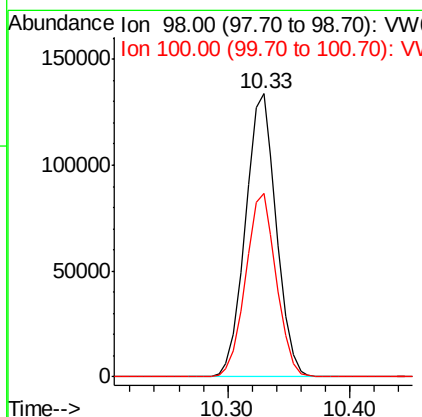
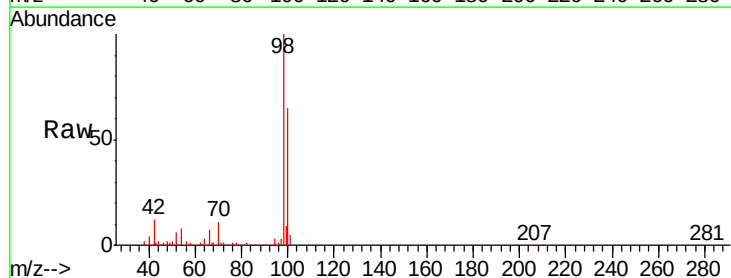
Instrument :
 MSVOA_W
 ClientSampleId :
 S-13-V

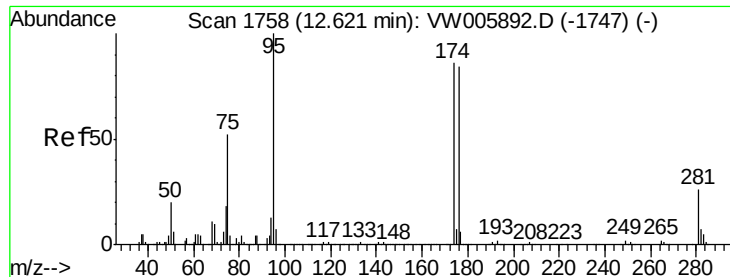
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.0	123.0
192	22.9	18.3	27.5



#50
 Toluene-d8
 Concen: 25.19 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005920.D
 Acq: 09 Oct 2018 04:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.9	77.9





#62

4-Bromofluorobenzene

Concen: 24.40 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005920.D

Acq: 09 Oct 2018 04:03

Instrument :

MSVOA_W

ClientSampleId :

S-13-V

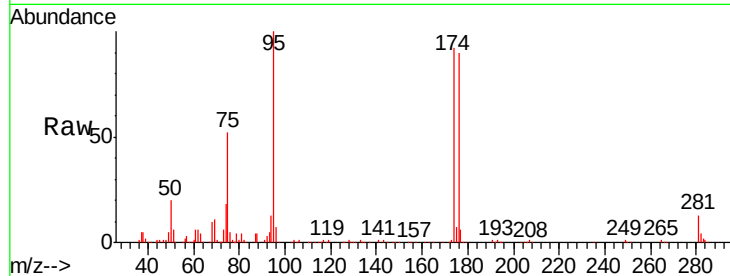
Tgt Ion: 95 Resp: 86192

Ion Ratio Lower Upper

95 100

174 93.1 0.0 176.4

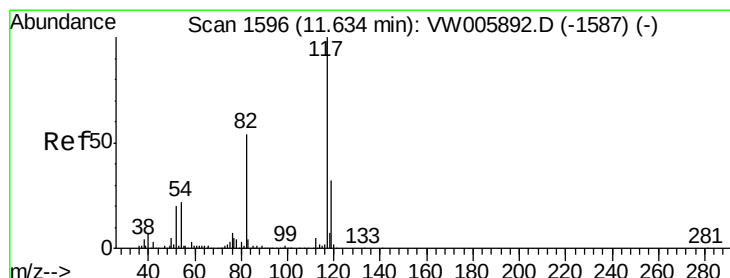
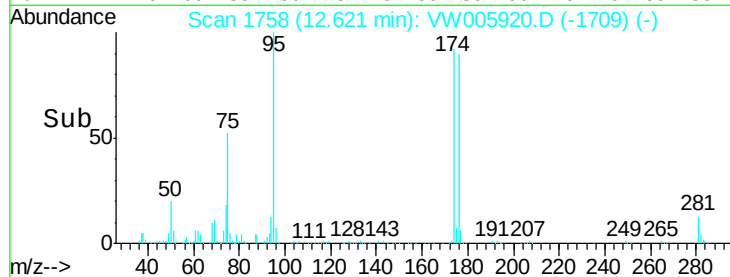
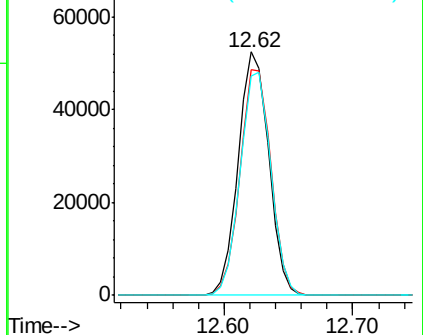
176 91.9 0.0 173.0



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: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW005920.D

Acq: 09 Oct 2018 04:03

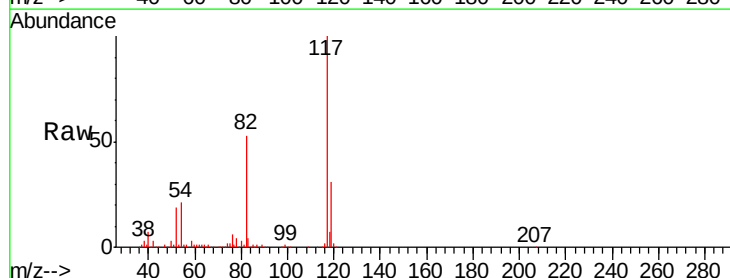
Tgt Ion: 117 Resp: 313886

Ion Ratio Lower Upper

117 100

82 53.0 43.5 65.3

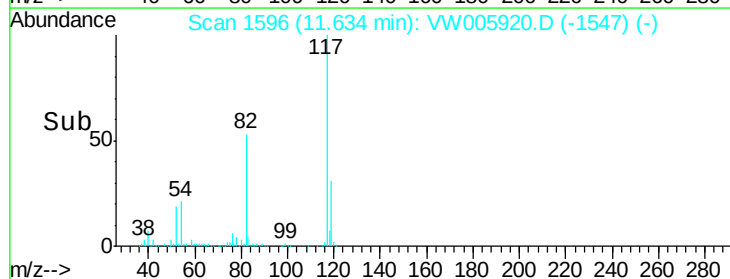
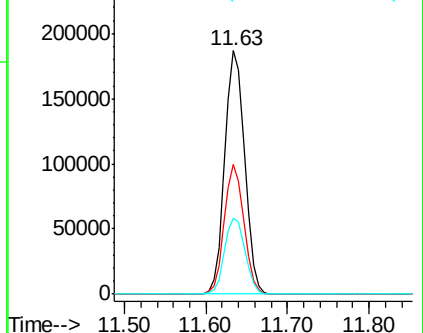
119 31.2 25.4 38.2

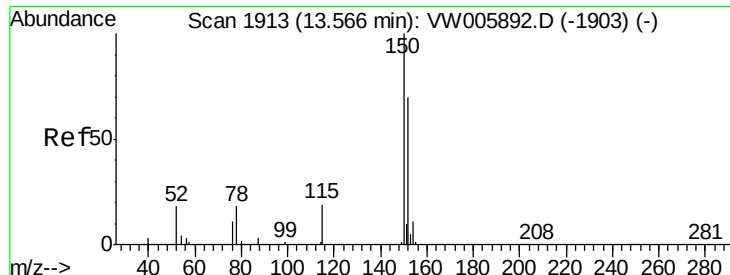


Abundance Ion 116.90 (116.60 to 117.60): VW

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

Lab File: VW005920.D

Acq: 09 Oct 2018 04:03

Instrument :

MSVOA_W

ClientSampleId :

S-13-V

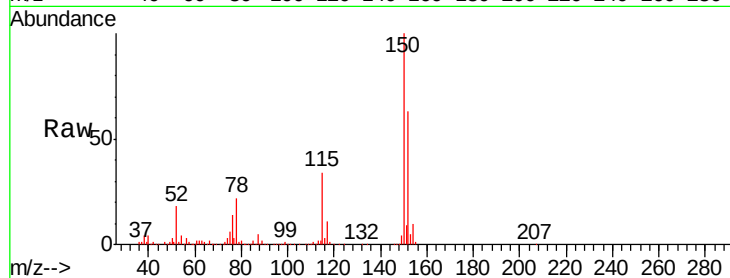
Tgt Ion:152 Resp: 143069

Ion Ratio Lower Upper

152 100

115 56.6 28.3 85.0

150 158.7 0.0 349.2



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

