

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006250.D
 Acq On : 22 Oct 2018 14:43
 Operator : VA/AP
 Sample : J5610-03
 Misc : 4.71G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2(0-2)

Quant Time: Oct 22 15:45:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

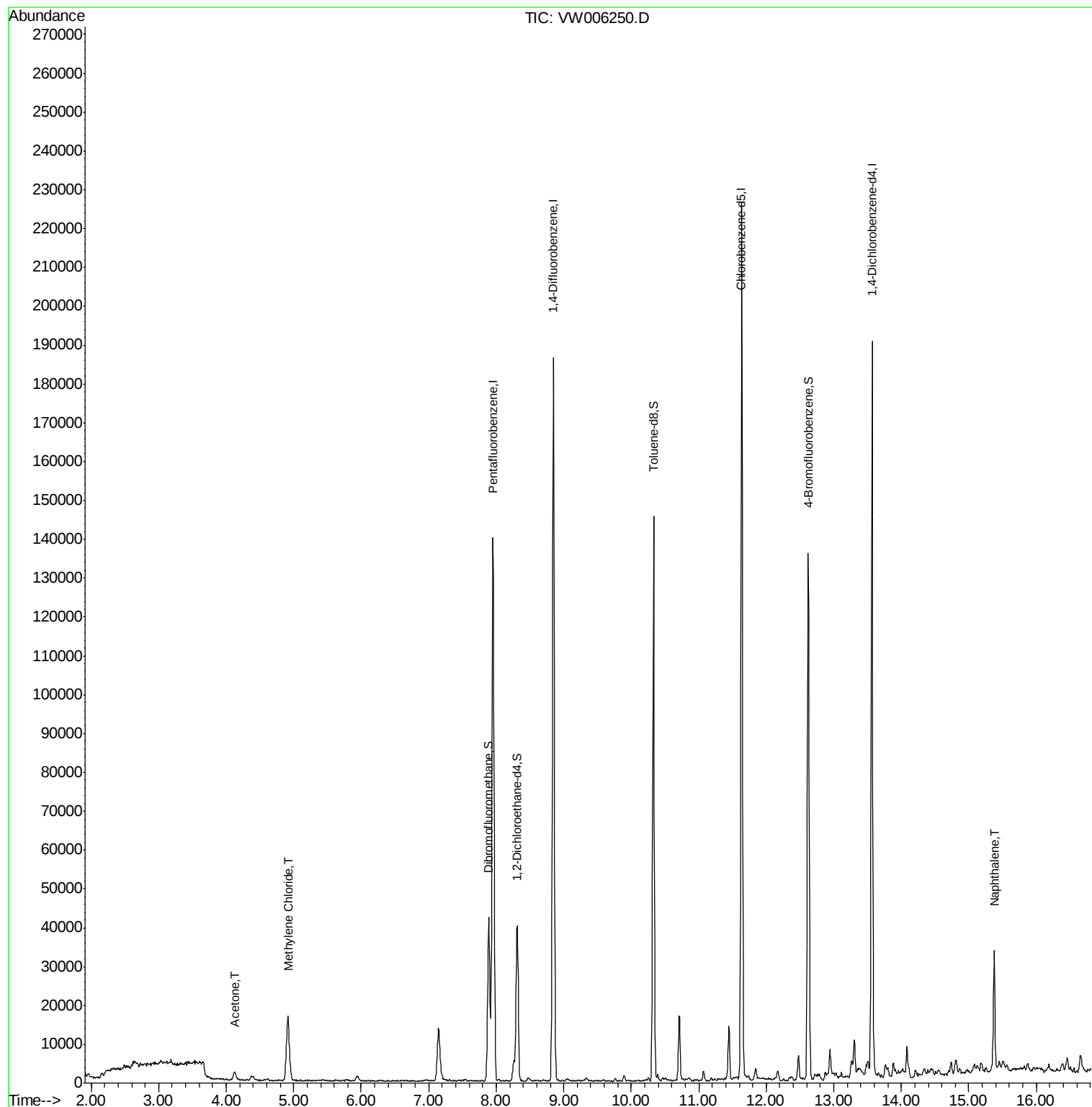
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	114934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	164992	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	131480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	53360	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	32081	33.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.34%	
35) Dibromofluoromethane	7.89	113	29901	30.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.34%	
50) Toluene-d8	10.33	98	98092	26.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.90%	
62) 4-Bromofluorobenzene	12.62	95	34311	24.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.26%	
Target Compounds						
16) Acetone	4.13	43	4283	9.731	ug/l	93
20) Methylene Chloride	4.91	84	12651	11.287	ug/l	93
95) Naphthalene	15.38	128	27183	12.957	ug/l	100

(#) = 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: VW006250.D

Acq: 22 Oct 2018 14:43

Instrument :

MSVOA_W

ClientSampled :

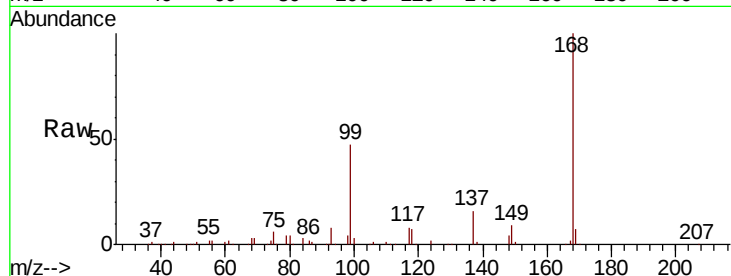
SB-2(0-2)

Tot Ion:168 Resp: 114934

Ion Ratio Lower Upper

168 100

99 47.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

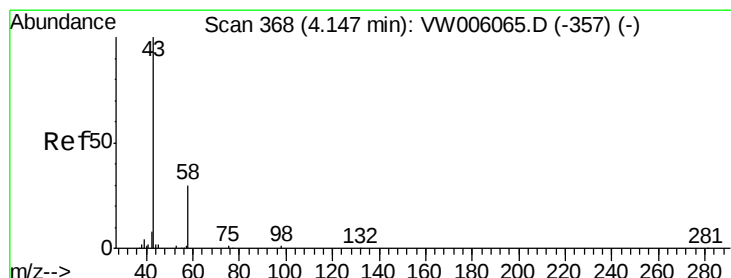
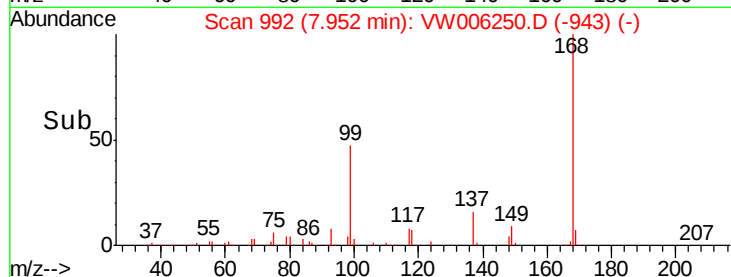
20000

10000

0

Time-->

7.90 8.00



#16

Acetone

Concen: 9.731 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW006250.D

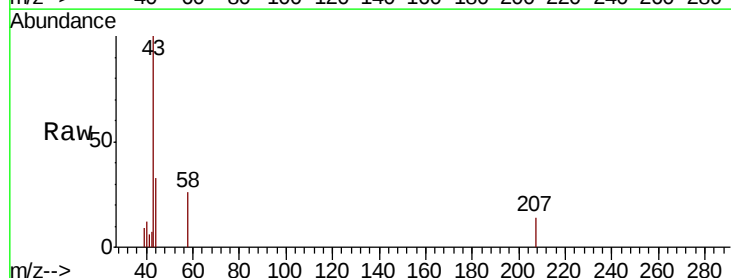
Acq: 22 Oct 2018 14:43

Tgt Ion: 43 Resp: 4283

Ion Ratio Lower Upper

43 100

58 25.9 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

1500

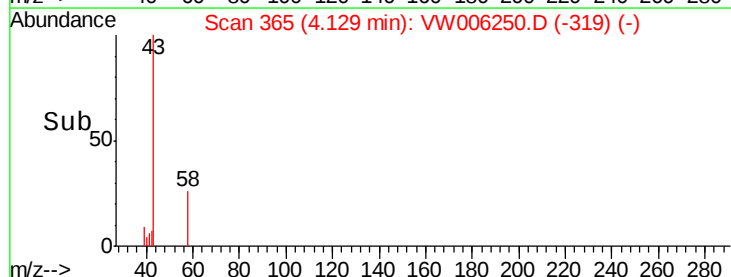
1000

500

0

Time-->

4.00 4.10 4.20

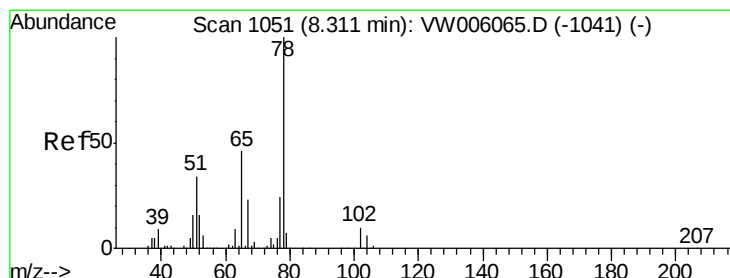
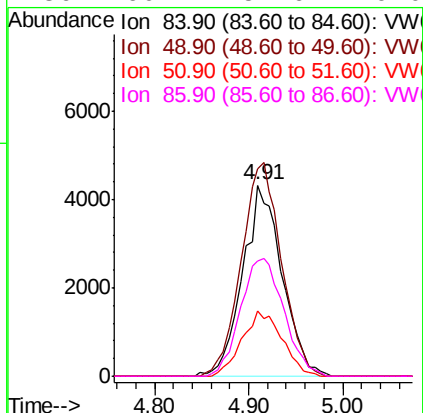
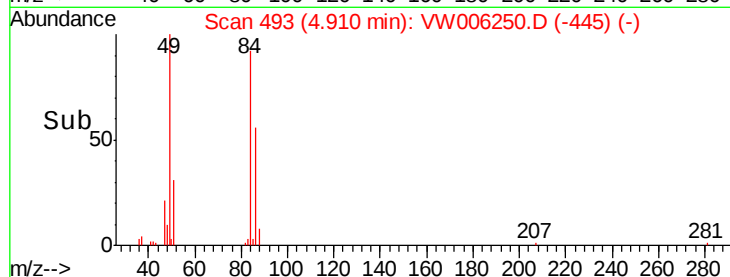
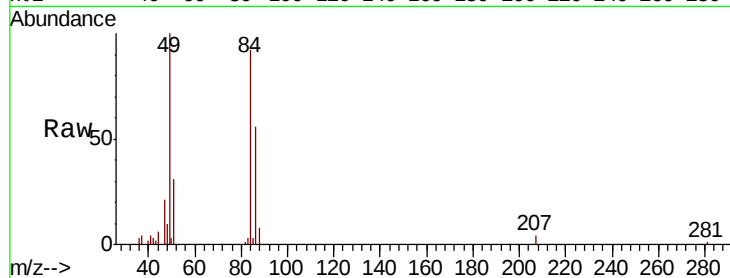




#20
Methylene Chloride
Concen: 11.287 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006250.D
Acq: 22 Oct 2018 14:43

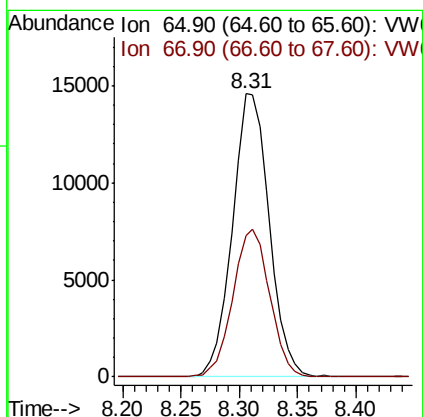
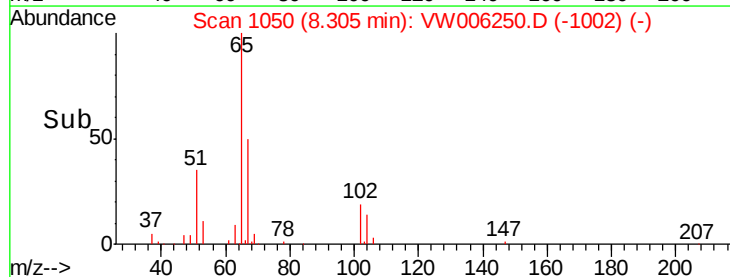
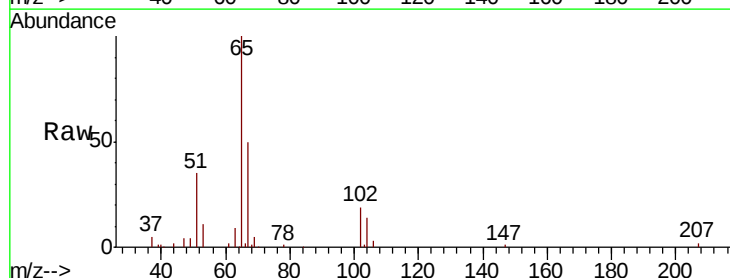
Instrument :
MSVOA_W
ClientSampled :
SB-2(0-2)

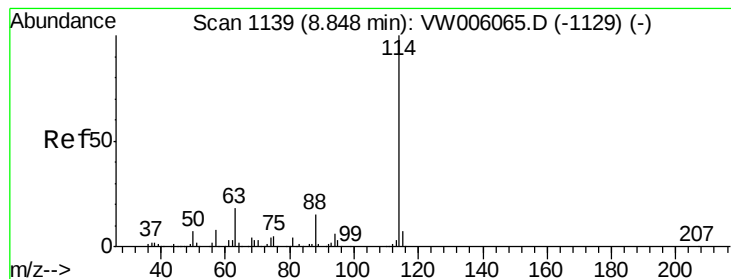
Tot Ion: 84 Resp: 12651
Ion Ratio Lower Upper
84 100
49 108.4 93.6 140.4
51 34.0 29.0 43.4
86 60.4 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 33.668 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006250.D
Acq: 22 Oct 2018 14:43

Tgt Ion: 65 Resp: 32081
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006250.D

Acq: 22 Oct 2018 14:43

Instrument :

MSVOA_W

ClientSampleId :

SB-2(0-2)

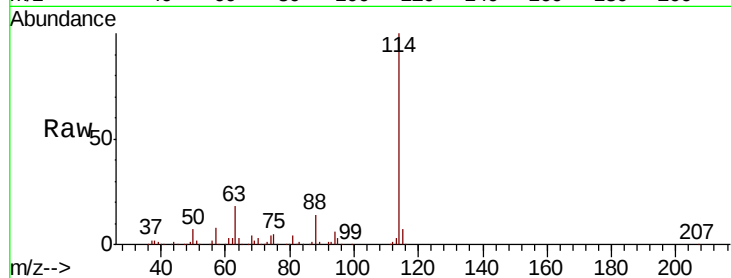
Tot Ion:114 Resp: 164992

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

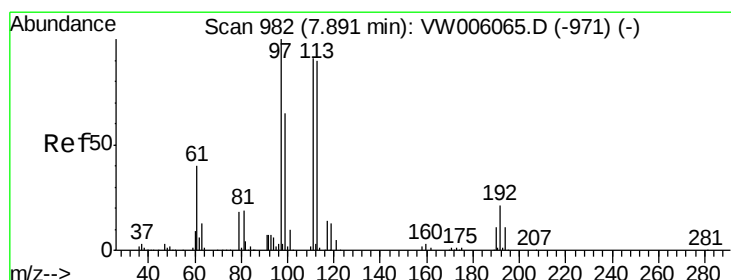
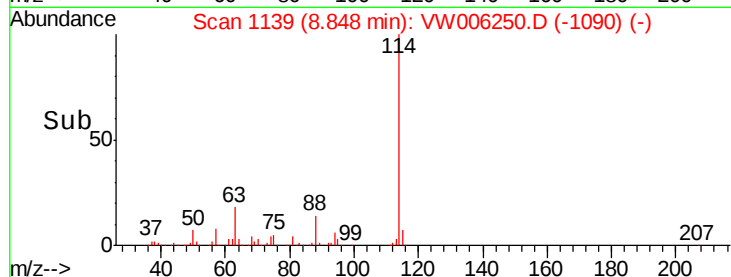
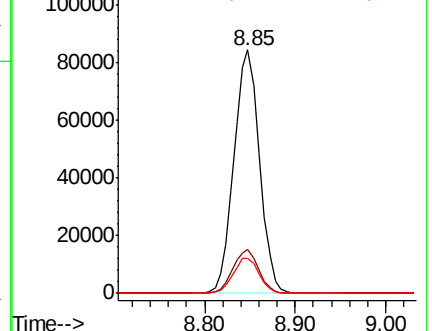
88 14.5 0.0 29.0



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: 30.670 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006250.D

Acq: 22 Oct 2018 14:43

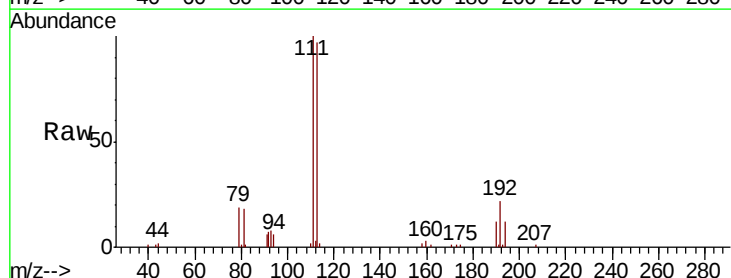
Tgt Ion:113 Resp: 29901

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

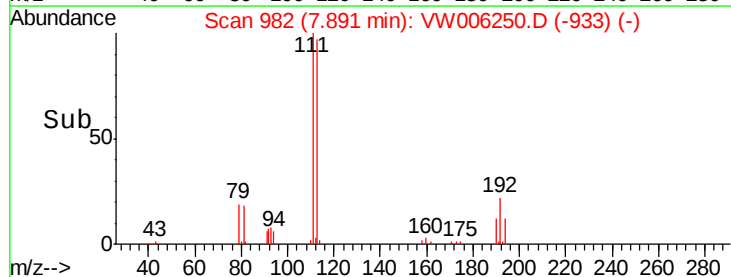
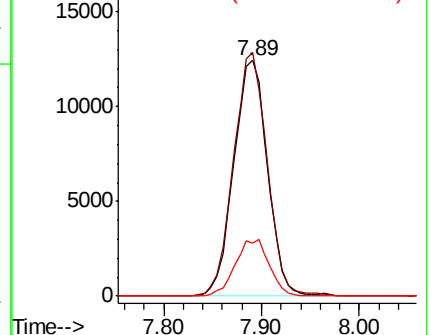
192 24.0 18.7 28.1

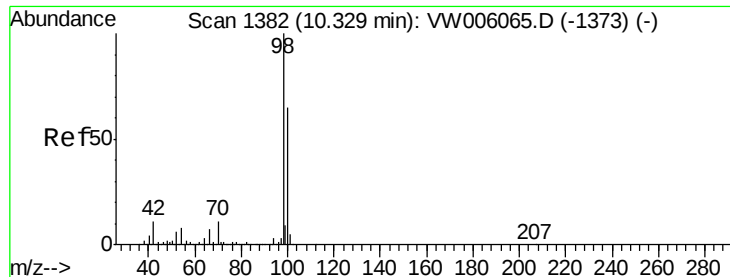


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 26.446 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006250.D

Acq: 22 Oct 2018 14:43

Instrument :

MSVOA_W

ClientSampleId :

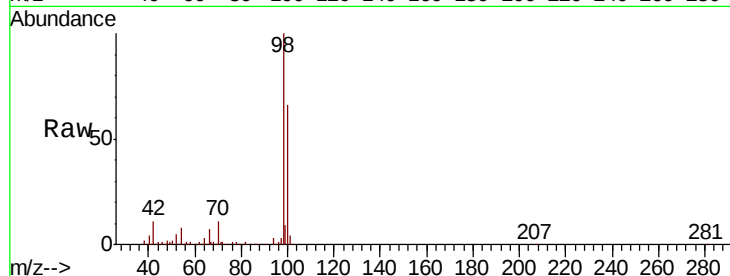
SB-2(0-2)

Tot Ion: 98 Resp: 98092

Ion Ratio Lower Upper

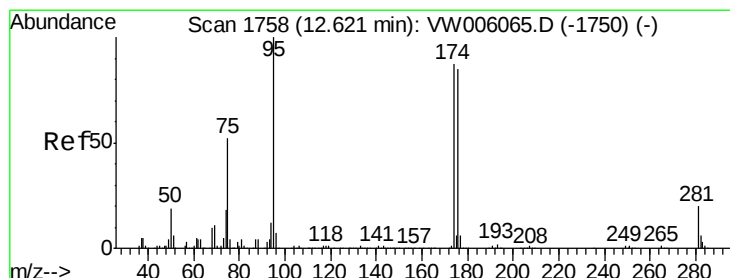
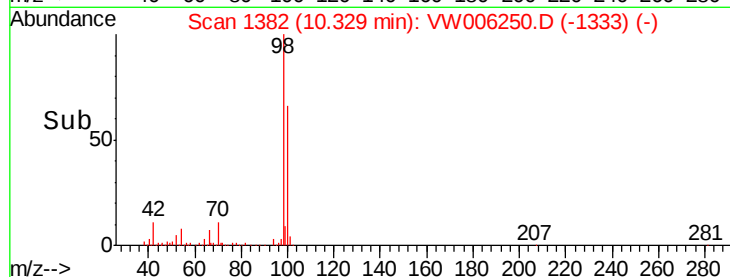
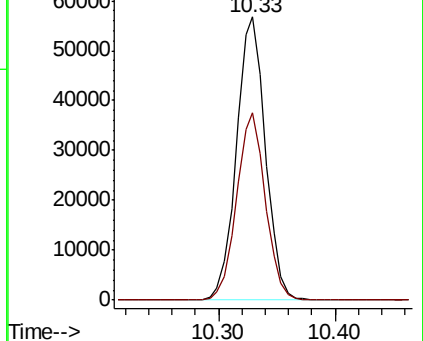
98 100

100 65.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 24.629 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006250.D

Acq: 22 Oct 2018 14:43

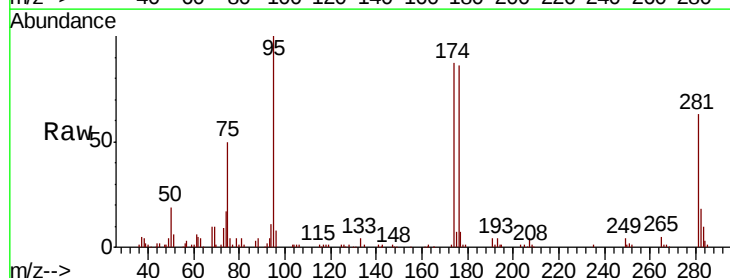
Tgt Ion: 95 Resp: 34311

Ion Ratio Lower Upper

95 100

174 94.1 0.0 186.0

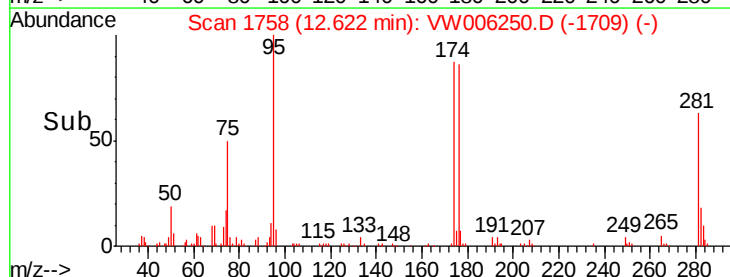
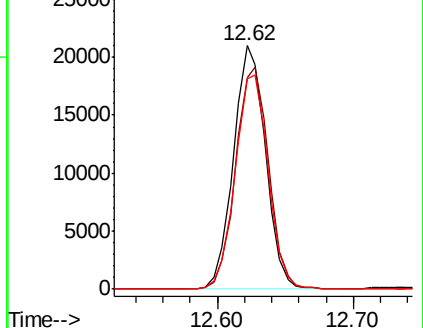
176 90.8 0.0 181.6

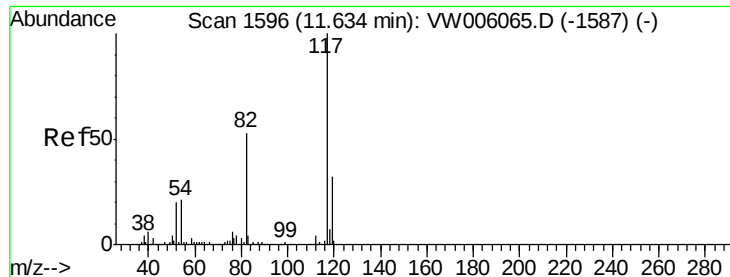


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

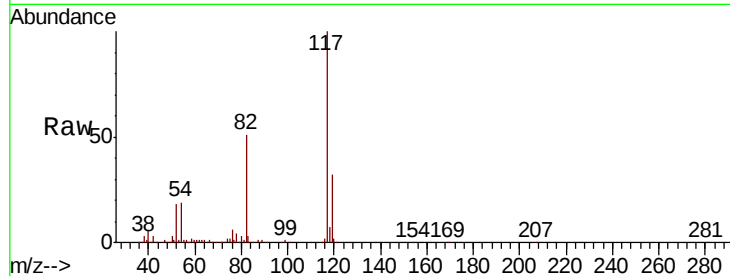




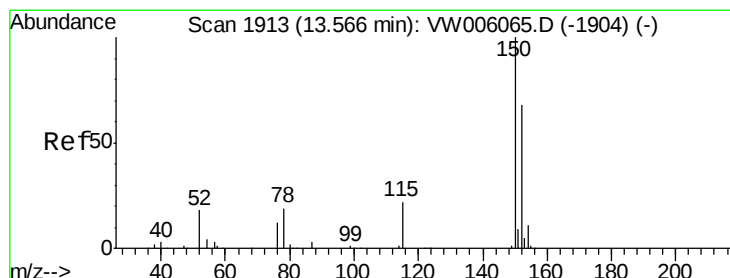
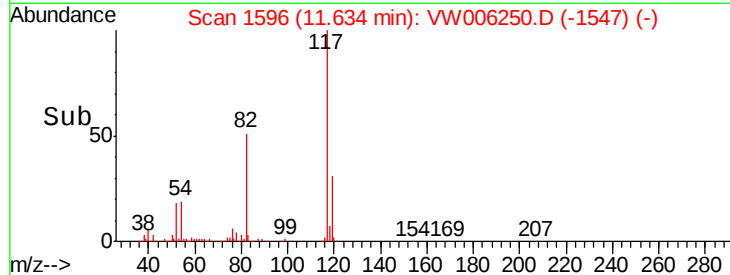
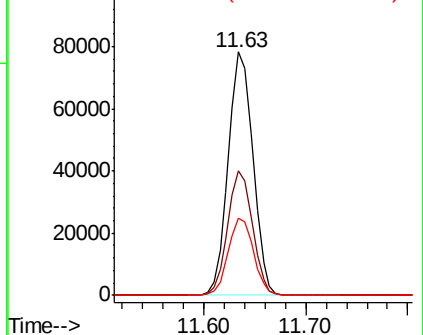
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006250.D
Acq: 22 Oct 2018 14:43

Instrument :
MSVOA_W
ClientSampleId :
SB-2(0-2)

Tot Ion:117 Resp: 131480
Ion Ratio Lower Upper
117 100
82 51.0 42.1 63.1
119 31.5 25.8 38.6

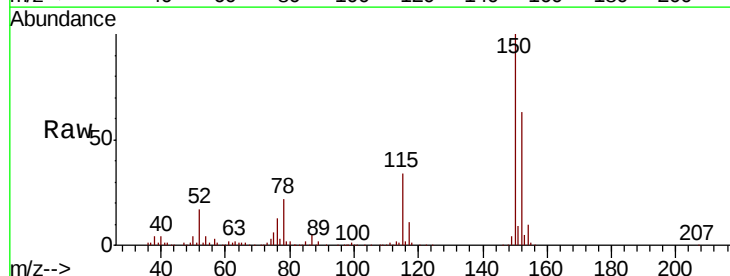


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

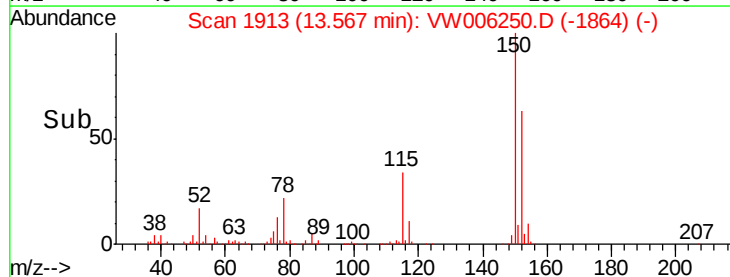
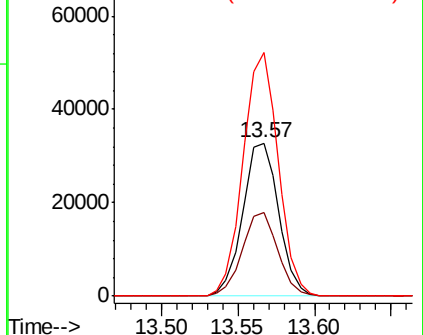


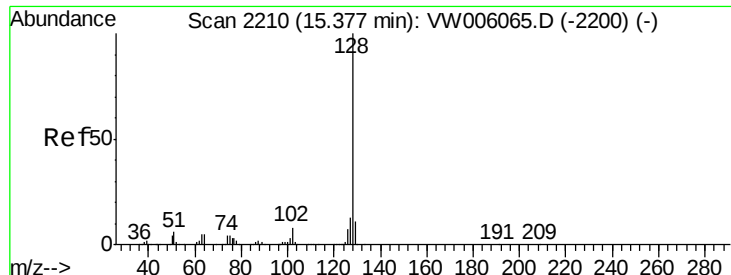
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006250.D
Acq: 22 Oct 2018 14:43

Tgt Ion:152 Resp: 53360
Ion Ratio Lower Upper
152 100
115 54.3 27.8 83.3
150 156.0 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

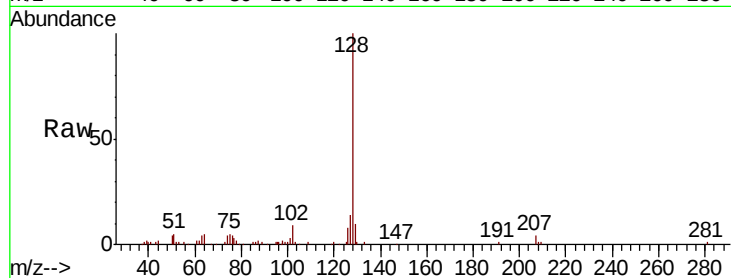




#95
Naphthalene
Concen: 12.957 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006250.D
Acq: 22 Oct 2018 14:43

Instrument :
MSVOA_W
ClientSampleId :
SB-2(0-2)

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.0	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

