

Data File : VW006387.D
Acq On : 26 Oct 2018 04:18
Operator : SY/AP
Sample : J5610-08
Misc : 5.83G/5ML/MSVOA_W/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-4(8-10)

Quant Time: Oct 26 08:11:11 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

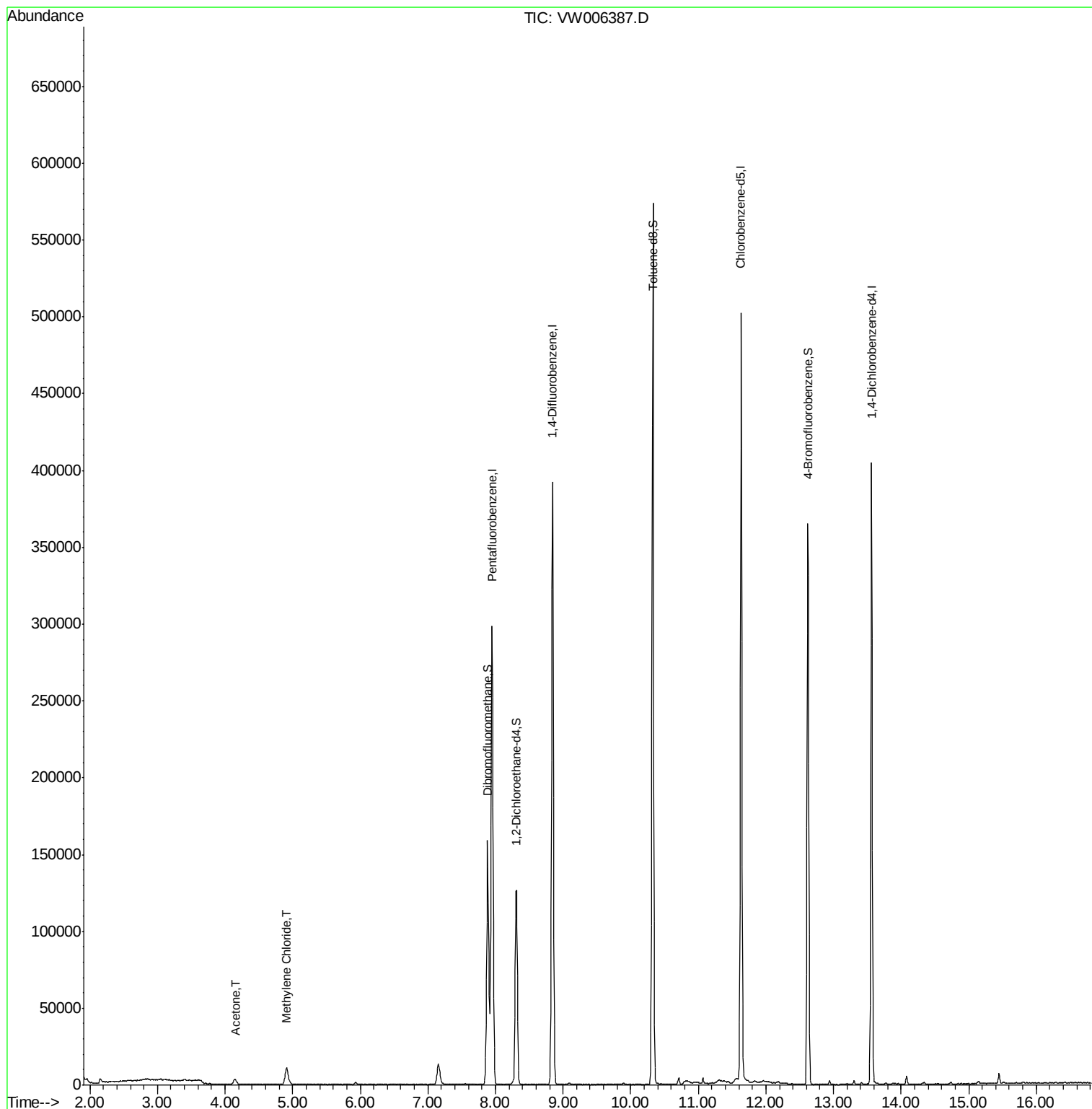
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	244801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	352258	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	285534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	114565	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	102575	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
35) Dibromofluoromethane	7.88	113	107033	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
50) Toluene-d8	10.33	98	394950	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.62	95	109301	36.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.50%	
Target Compounds						
16) Acetone	4.15	43	6653	2.837	ug/l	96
20) Methylene Chloride	4.90	84	9984	3.123	ug/l #	77

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

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

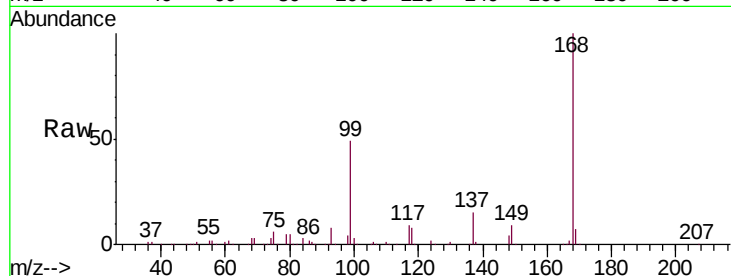
SB-4(8-10)

Tgt Ion:168 Resp: 244801

Ion Ratio Lower Upper

168 100

99 48.5 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

120000

100000

80000

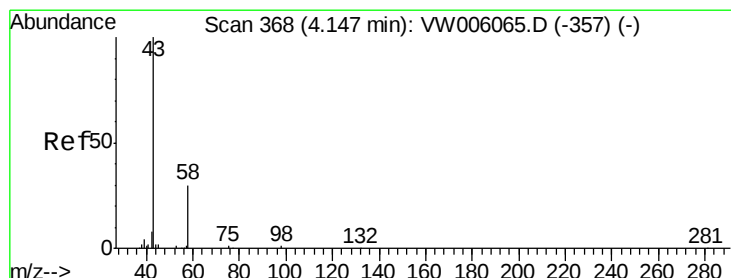
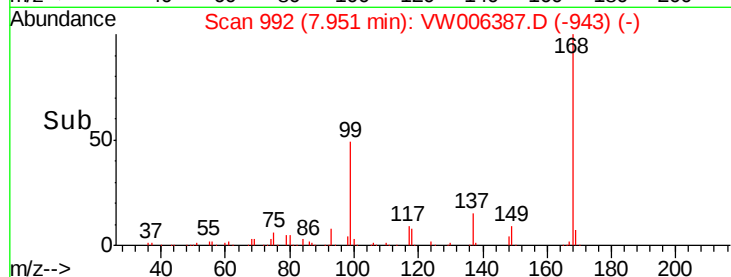
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 2.837 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006387.D

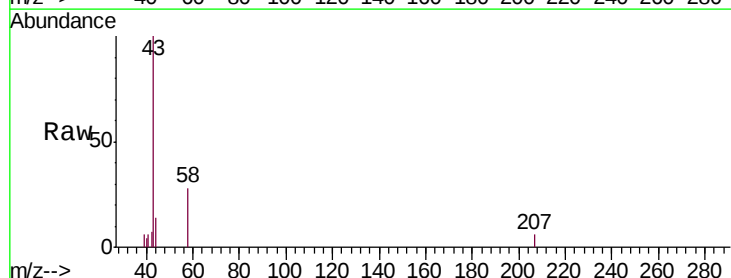
Acq: 26 Oct 2018 04:18

Tgt Ion: 43 Resp: 6653

Ion Ratio Lower Upper

43 100

58 28.0 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

2500

2000

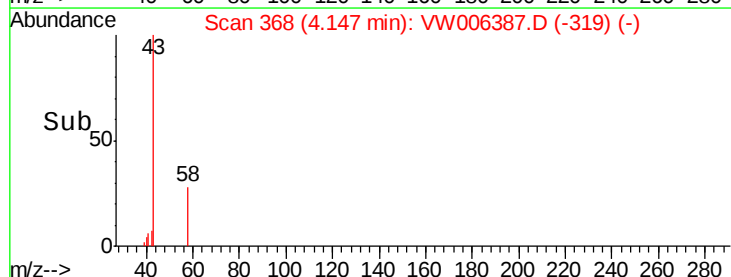
1500

1000

500

0

Time--> 4.10 4.20

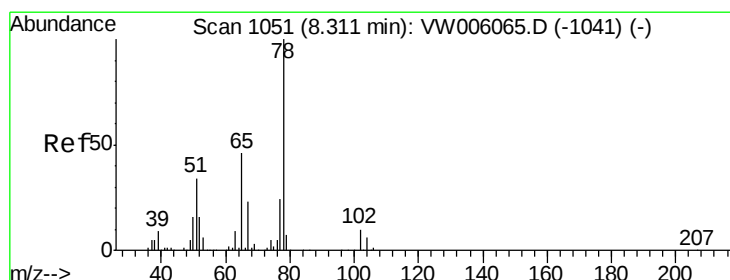
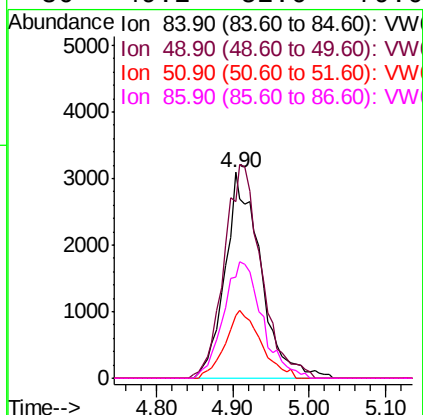
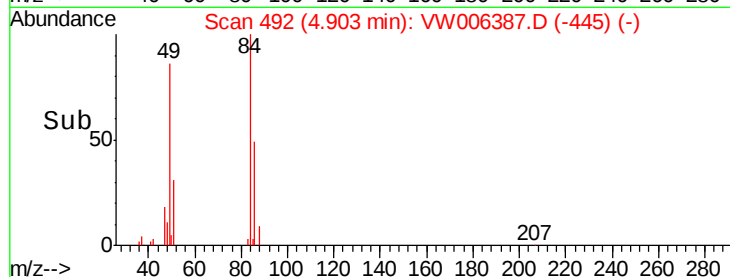
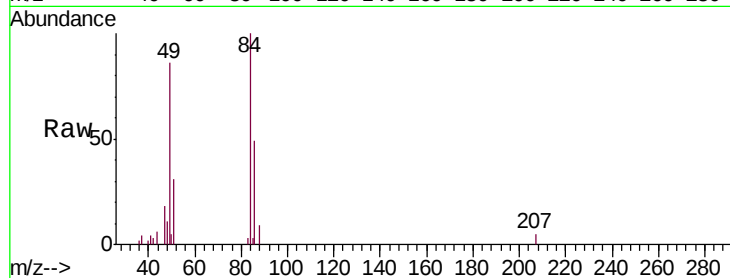




#20
Methylene Chloride
Concen: 3.123 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW006387.D
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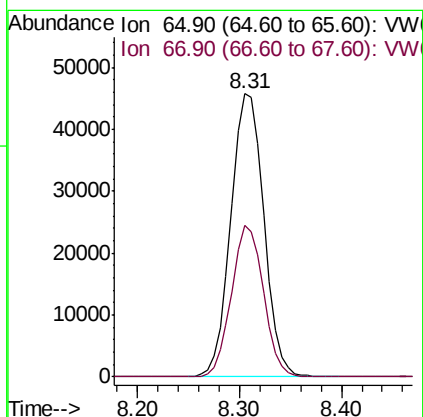
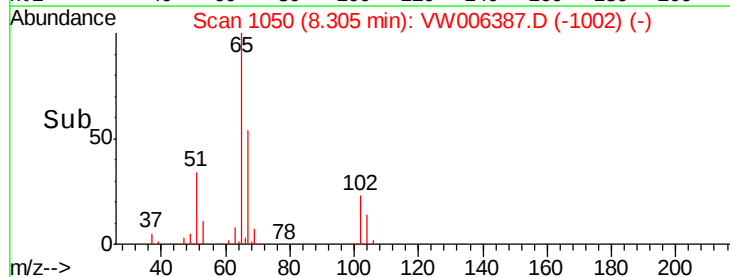
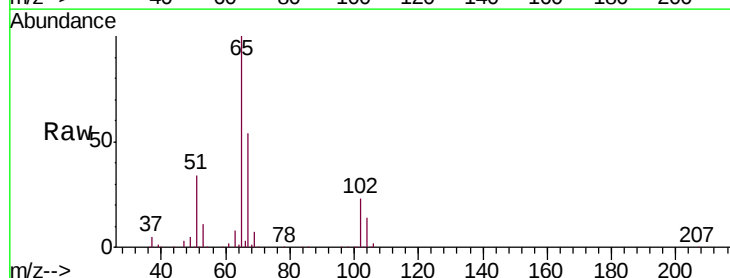
Instrument :
MSVOA_W
ClientSampleId :
SB-4(8-10)

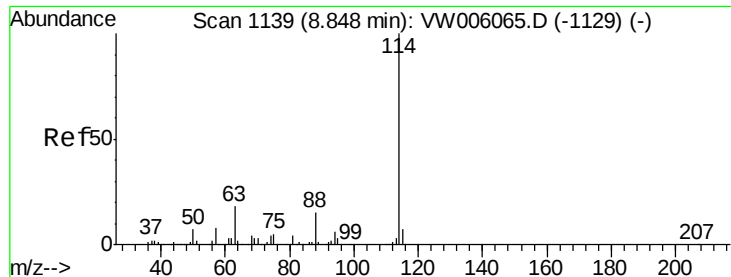
Tgt Ion: 84 Resp: 9984
Ion Ratio Lower Upper
84 100
49 86.0 93.6 140.4#
51 30.5 29.0 43.4
86 49.2 52.6 79.0#



#33
1,2-Dichloroethane-d4
Concen: 50.541 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006387.D
Acq: 26 Oct 2018 04:18

Tgt Ion: 65 Resp: 102575
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.0

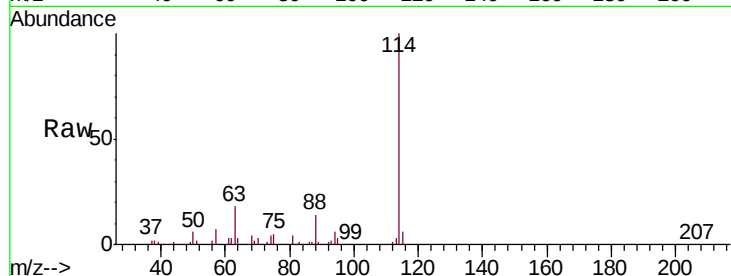




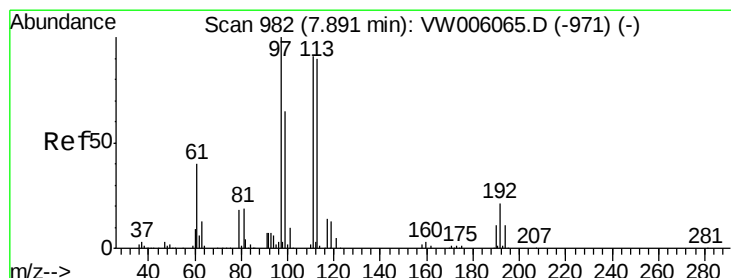
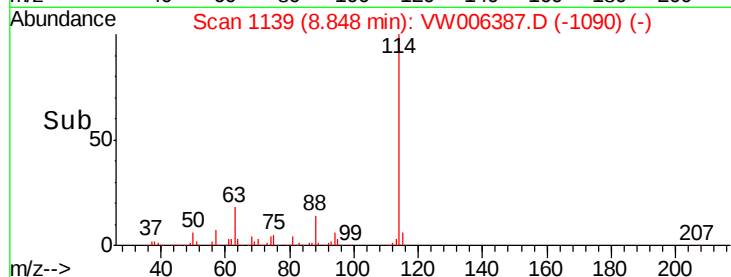
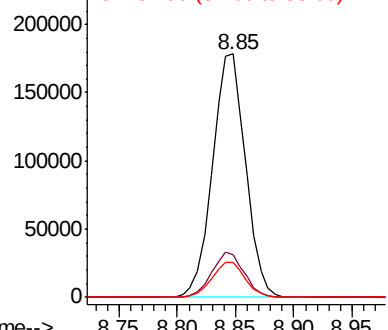
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006387.D
 Acq: 26 Oct 2018 04:18

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4(8-10)

Tgt Ion:114 Resp: 352258
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.8
 88 14.4 0.0 29.0

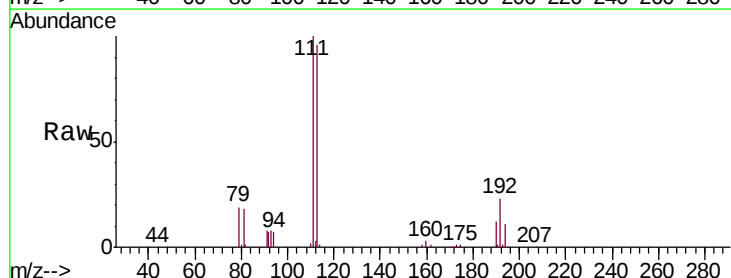


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

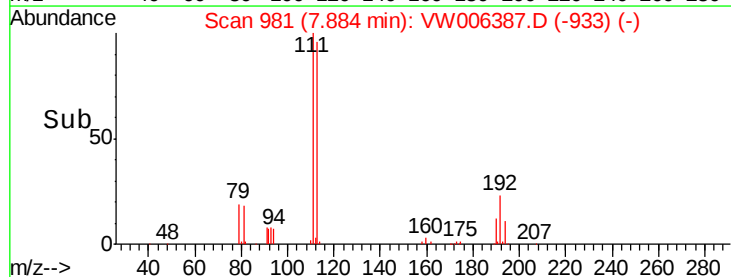
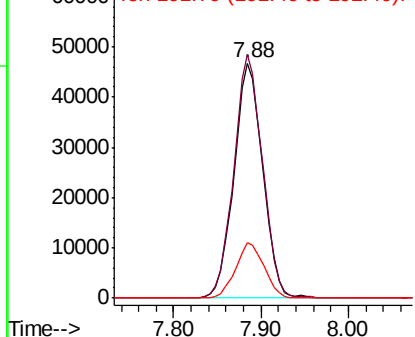


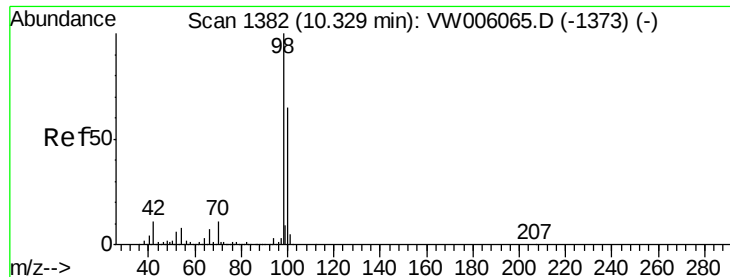
#35
 Dibromofluoromethane
 Concen: 51.422 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006387.D
 Acq: 26 Oct 2018 04:18

Tgt Ion:113 Resp: 107033
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.4 122.0
 192 23.3 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: 49.874 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006387.D

Acq: 26 Oct 2018 04:18

Instrument :

MSVOA_W

ClientSampleId :

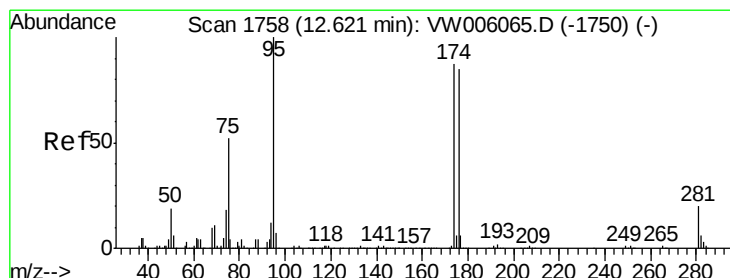
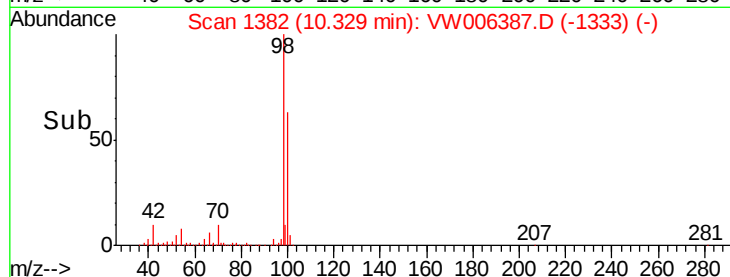
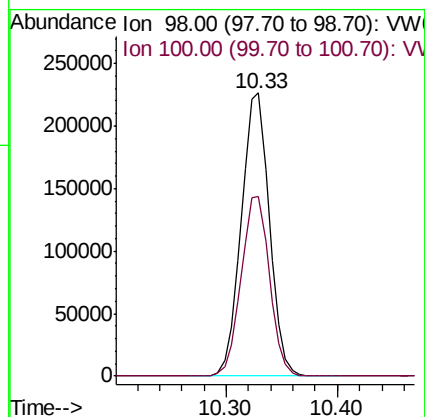
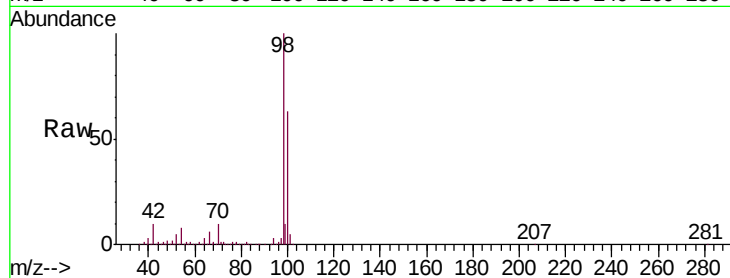
SB-4(8-10)

Tgt Ion: 98 Resp: 394950

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 36.749 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006387.D

Acq: 26 Oct 2018 04:18

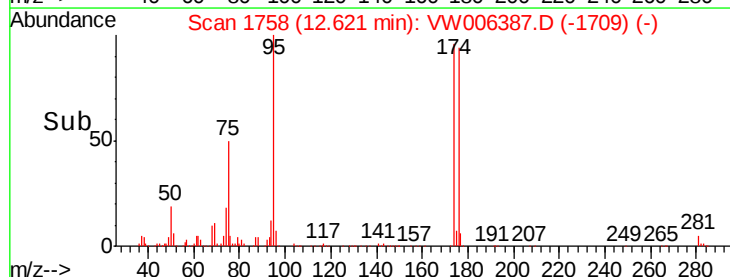
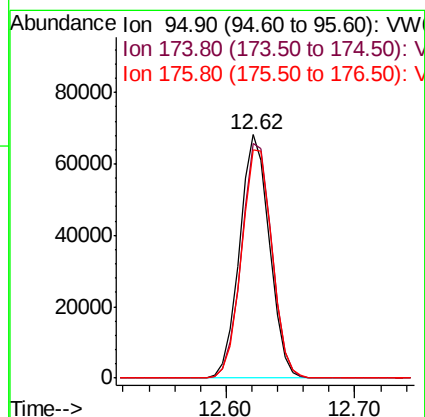
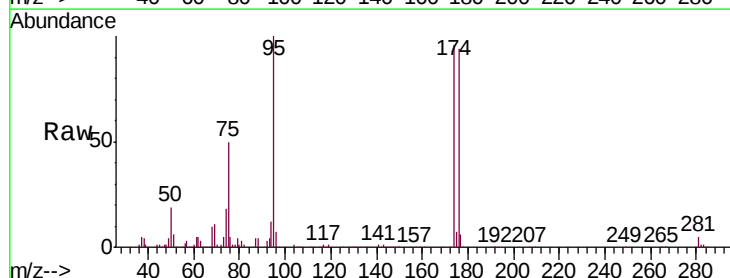
Tgt Ion: 95 Resp: 109301

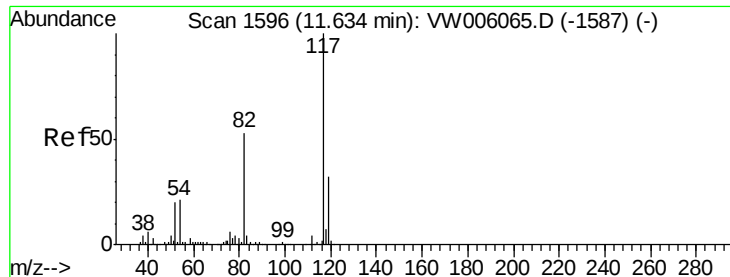
Ion Ratio Lower Upper

95 100

174 97.3 0.0 186.0

176 95.5 0.0 181.6

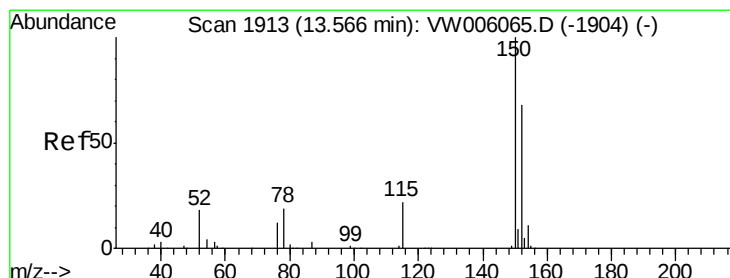
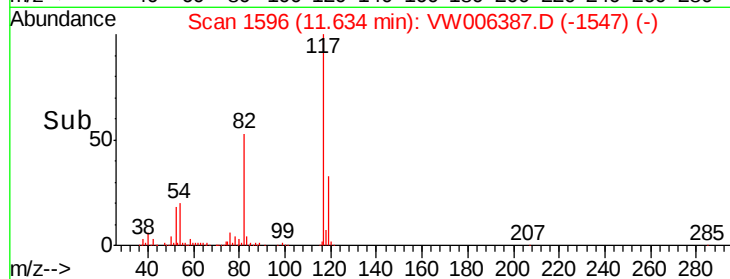
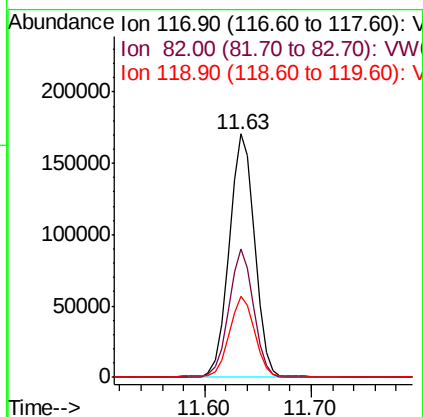
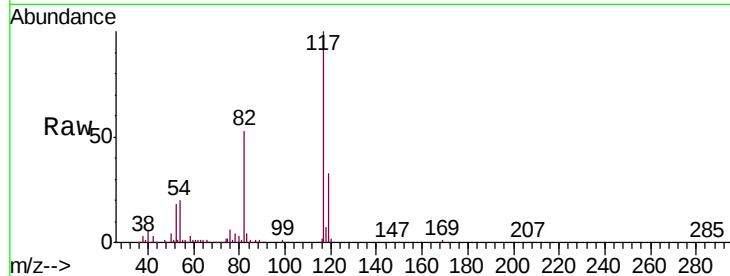




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006387.D
Acq: 26 Oct 2018 04:18

Instrument :
MSVOA_W
ClientSampleId :
SB-4(8-10)

Tgt Ion:117 Resp: 285534
Ion Ratio Lower Upper
117 100
82 52.8 42.1 63.1
119 32.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006387.D
Acq: 26 Oct 2018 04:18

Tgt Ion:152 Resp: 114565
Ion Ratio Lower Upper
152 100
115 54.7 27.8 83.3
150 156.3 0.0 349.2

