

Data File : VW012690.D
Acq On : 06 Sep 2019 14:42
Operator : SY/VA
Sample : K4699-01
Misc : 4.52G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-4(3-4)

Quant Time: Sep 07 05:35:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

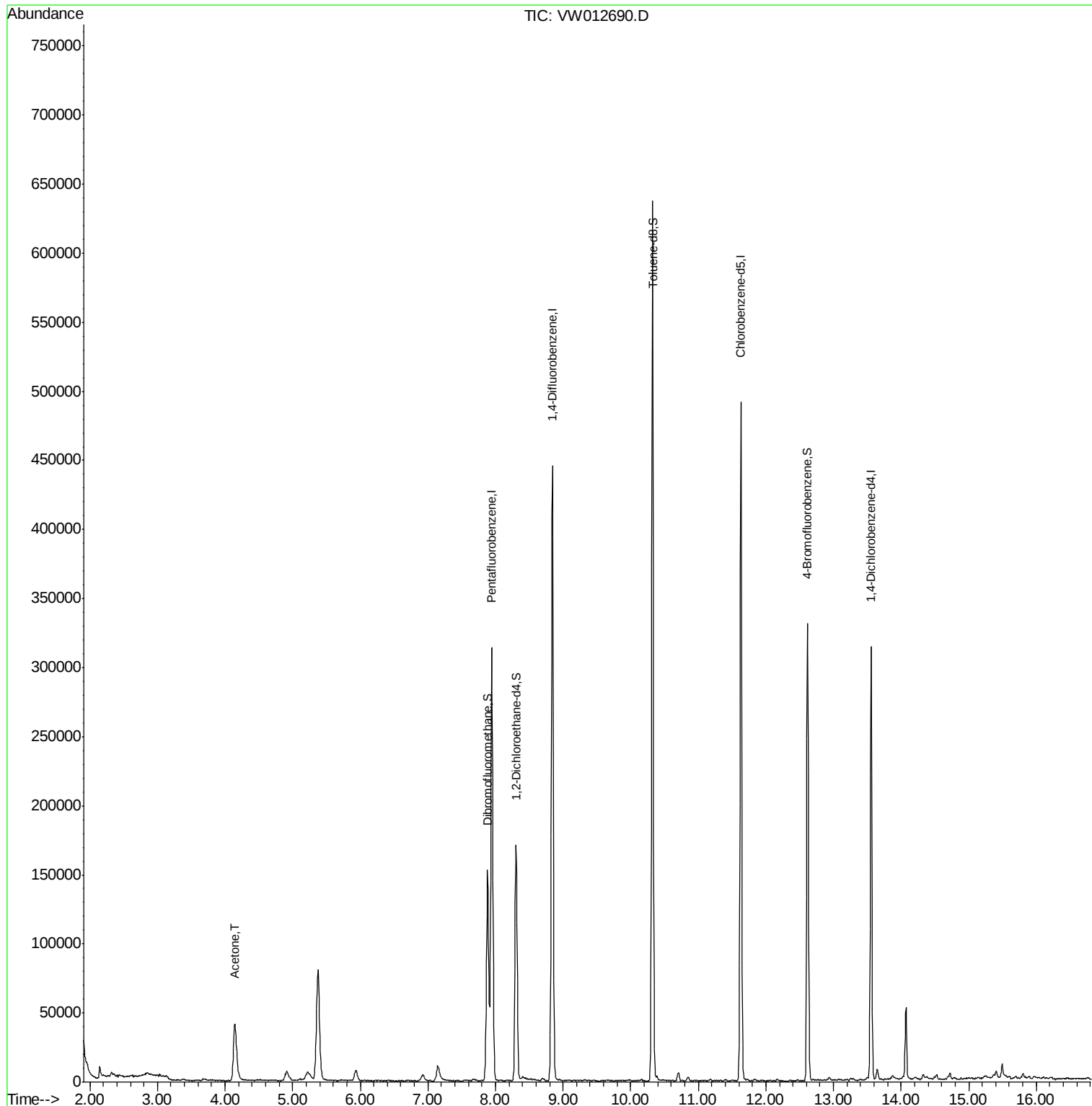
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Pentafluorobenzene	7.95	168	223842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	349339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	260988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82189	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	141880	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
35) Dibromofluoromethane	7.88	113	105359	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
50) Toluene-d8	10.32	98	398158	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
62) 4-Bromofluorobenzene	12.62	95	103226	34.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.28%	
Target Compounds						Qvalue
16) Acetone	4.15	43	93568	137.561	ug/l	94
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

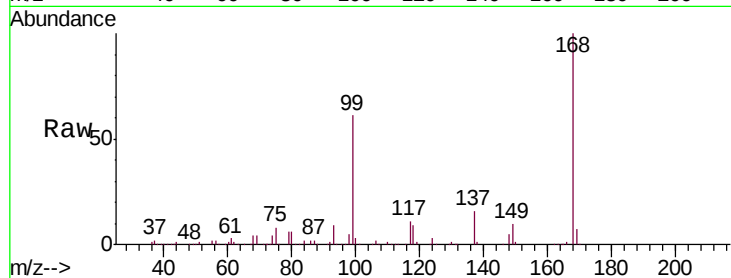
B-4(3-4)

Tgt Ion: 168 Resp: 223842

Ion Ratio Lower Upper

168 100

99 61.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

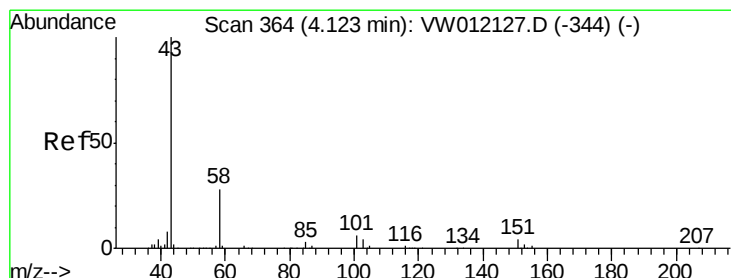
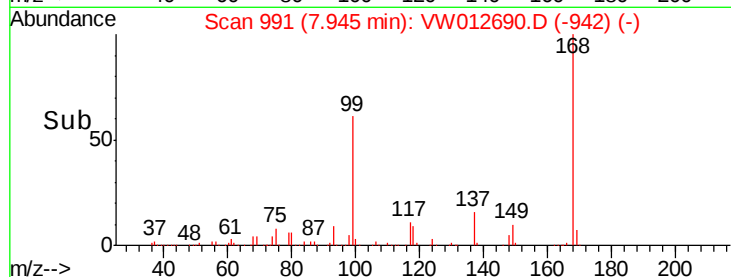
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 137.561 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW012690.D

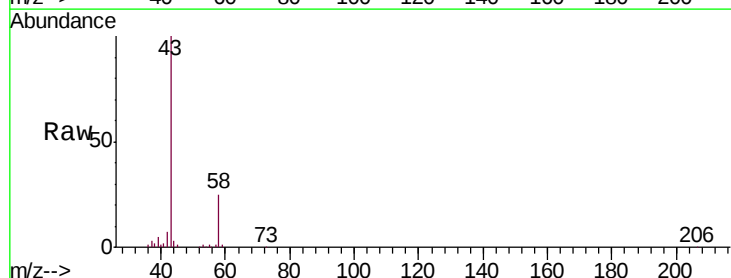
Acq: 06 Sep 2019 14:42

Tgt Ion: 43 Resp: 93568

Ion Ratio Lower Upper

43 100

58 25.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

30000

25000

20000

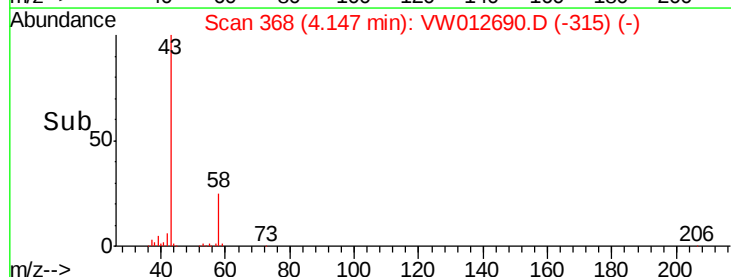
15000

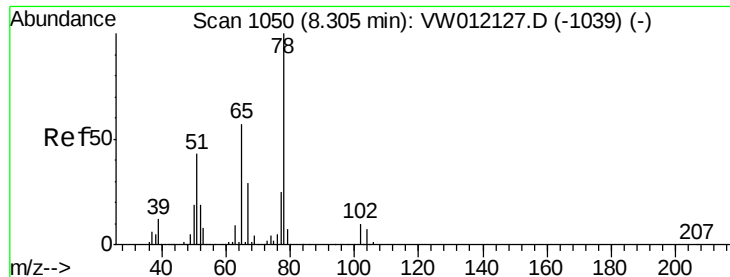
10000

5000

0

Time-->

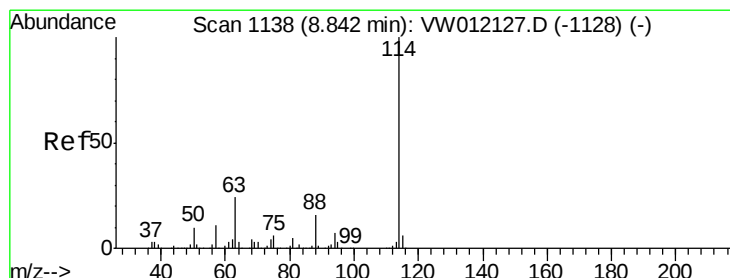
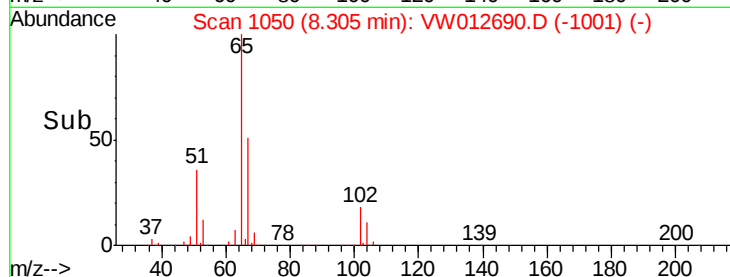
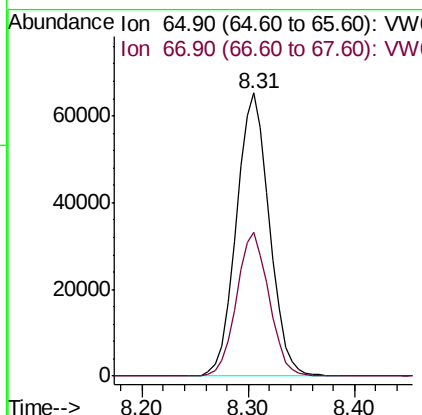
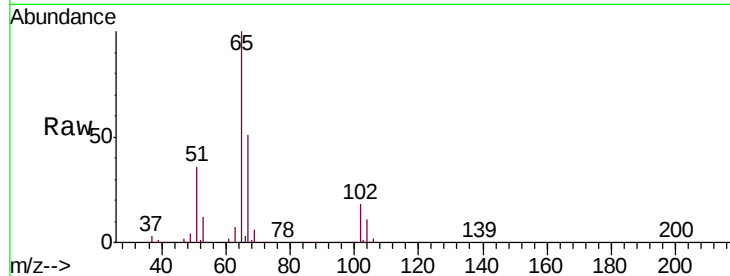




#33
 1,2-Dichloroethane-d4
 Concen: 53.320 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012690.D
 Acq: 06 Sep 2019 14:42

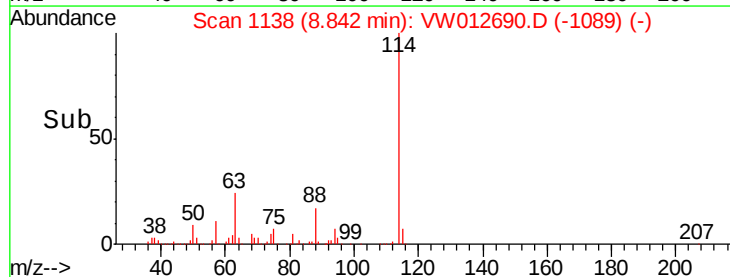
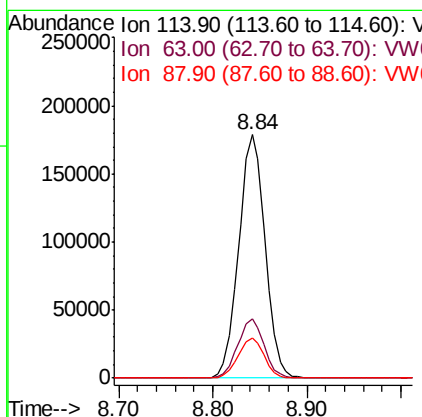
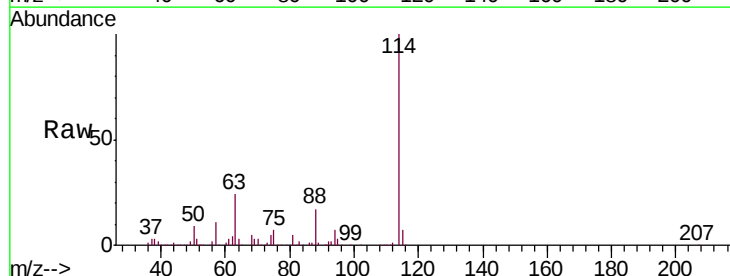
Instrument :
 MSVOA_W
 ClientSampled :
 B-4(3-4)

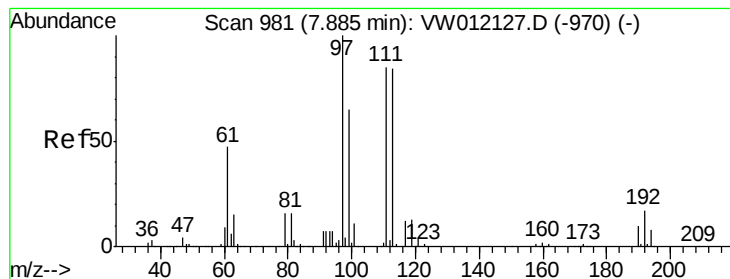
Tgt Ion: 65 Resp: 141880
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012690.D
 Acq: 06 Sep 2019 14:42

Tgt Ion: 114 Resp: 349339
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 48.6
 88 16.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.527 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012690.D

Acq: 06 Sep 2019 14:42

Instrument :

MSVOA_W

ClientSampleId :

B-4(3-4)

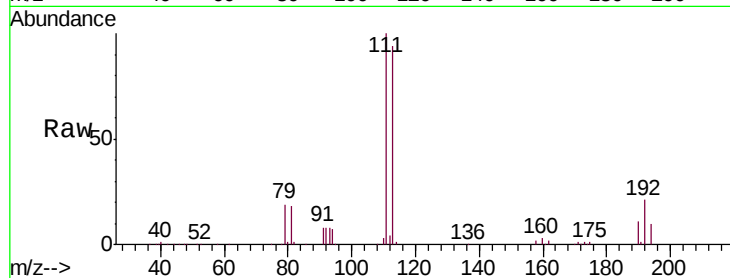
Tgt Ion:113 Resp: 105359

Ion Ratio Lower Upper

113 100

111 105.0 82.7 124.1

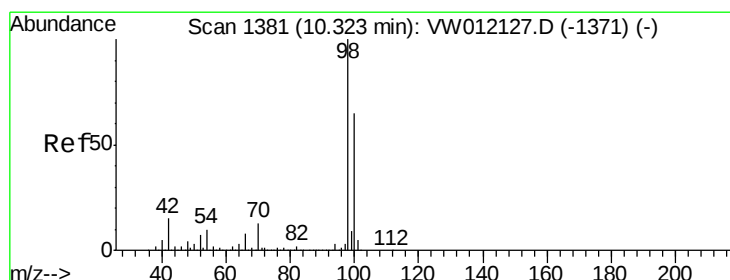
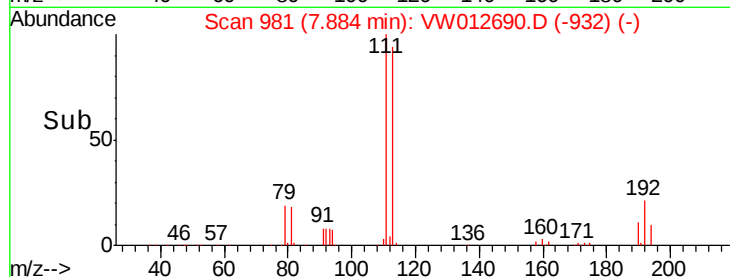
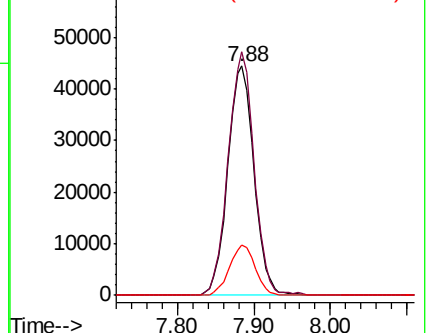
192 21.5 16.2 24.2



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: 47.092 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012690.D

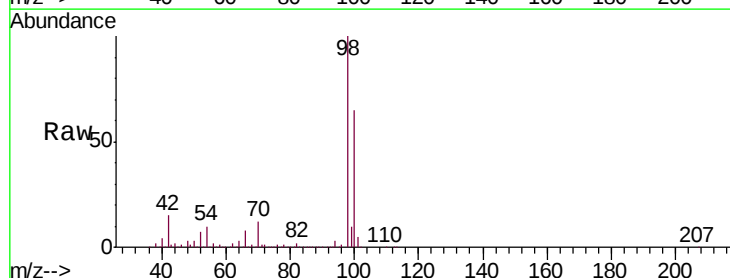
Acq: 06 Sep 2019 14:42

Tgt Ion: 98 Resp: 398158

Ion Ratio Lower Upper

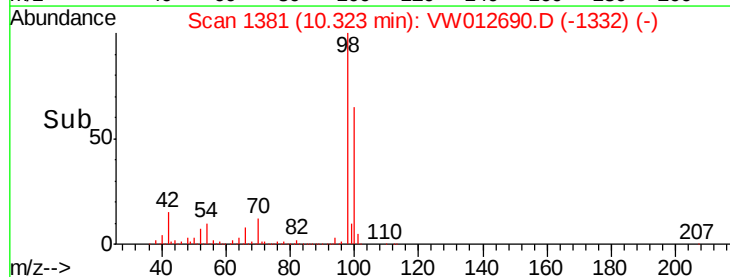
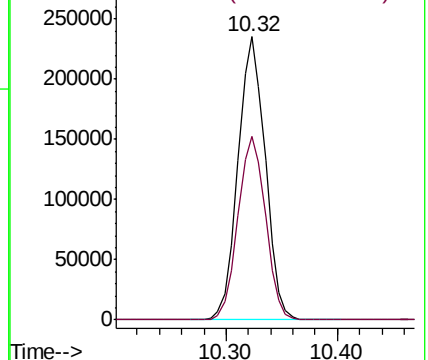
98 100

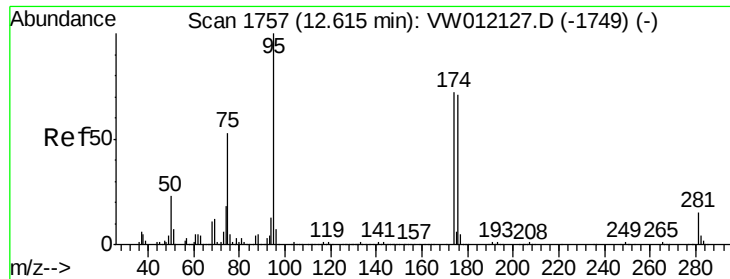
100 65.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

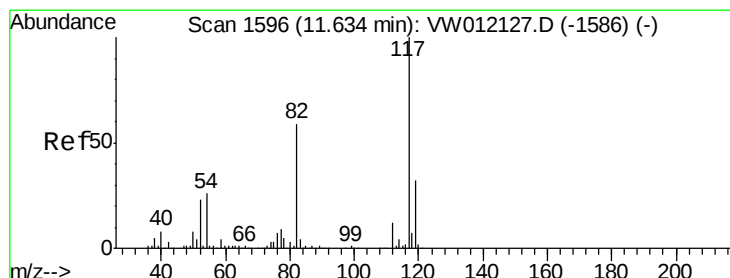
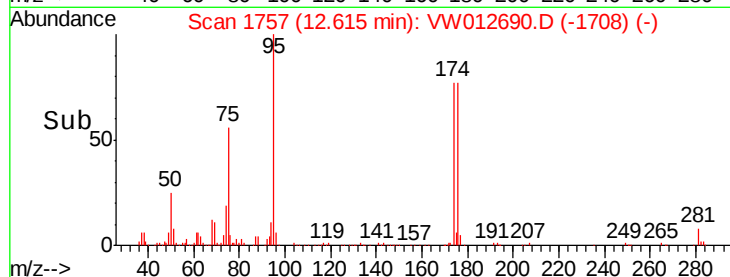
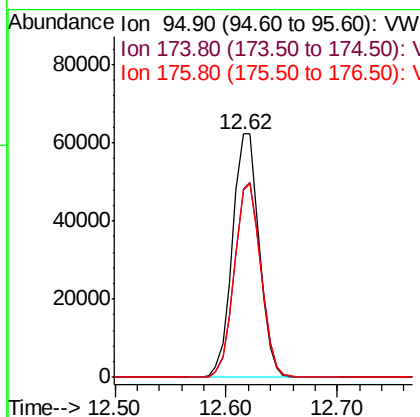
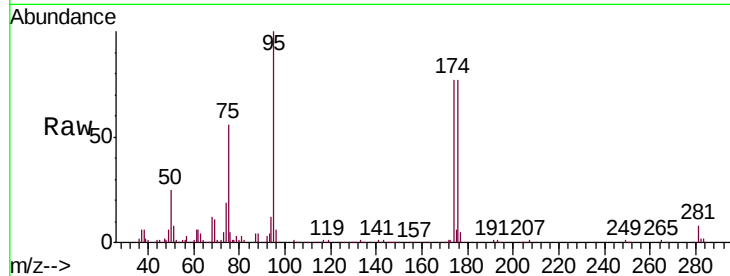




#62
4-Bromofluorobenzene
Concen: 34.635 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012690.D
Acq: 06 Sep 2019 14:42

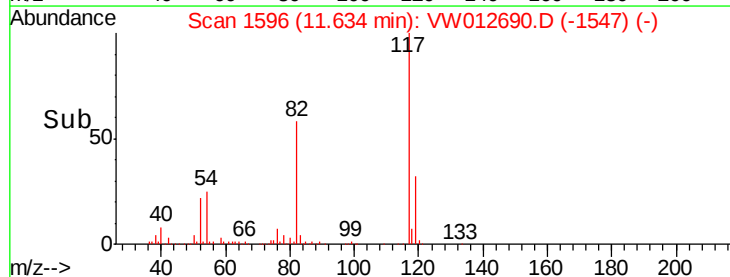
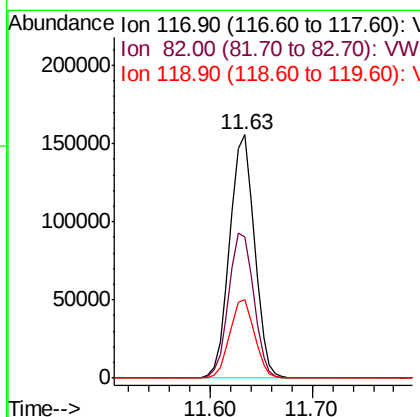
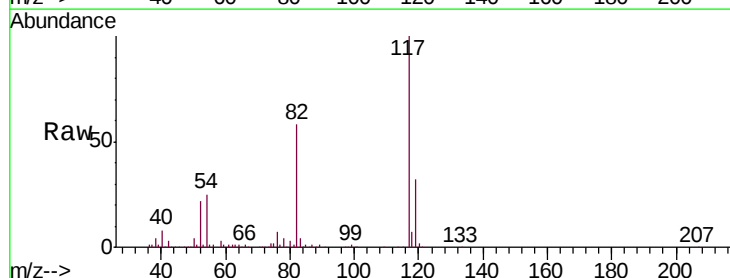
Instrument :
MSVOA_W
ClientSampleId :
B-4(3-4)

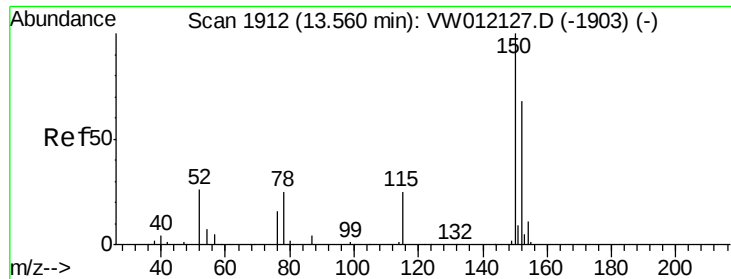
Tgt Ion: 95 Resp: 103226
Ion Ratio Lower Upper
95 100
174 79.7 0.0 150.8
176 79.0 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012690.D
Acq: 06 Sep 2019 14:42

Tgt Ion: 117 Resp: 260988
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 32.4 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012690.D

Acq: 06 Sep 2019 14:42

Instrument :

MSVOA_W

ClientSampleId :

B-4(3-4)

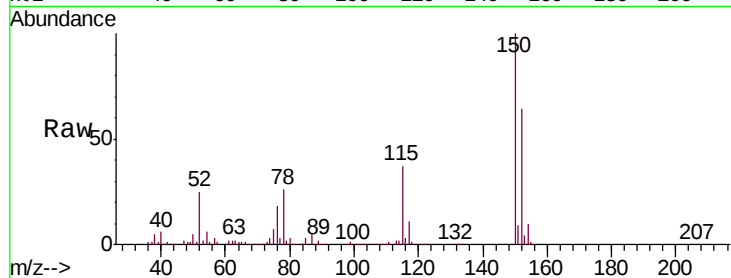
Tgt Ion:152 Resp: 82189

Ion Ratio Lower Upper

152 100

115 58.3 30.1 90.3

150 153.1 0.0 345.8



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

