

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011719\
 Data File : VW008337.D
 Acq On : 17 Jan 2019 19:18
 Operator : SY/VA
 Sample : K1191-06
 Misc : 11.67G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SITE4-05

Quant Time: Jan 18 01:42:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

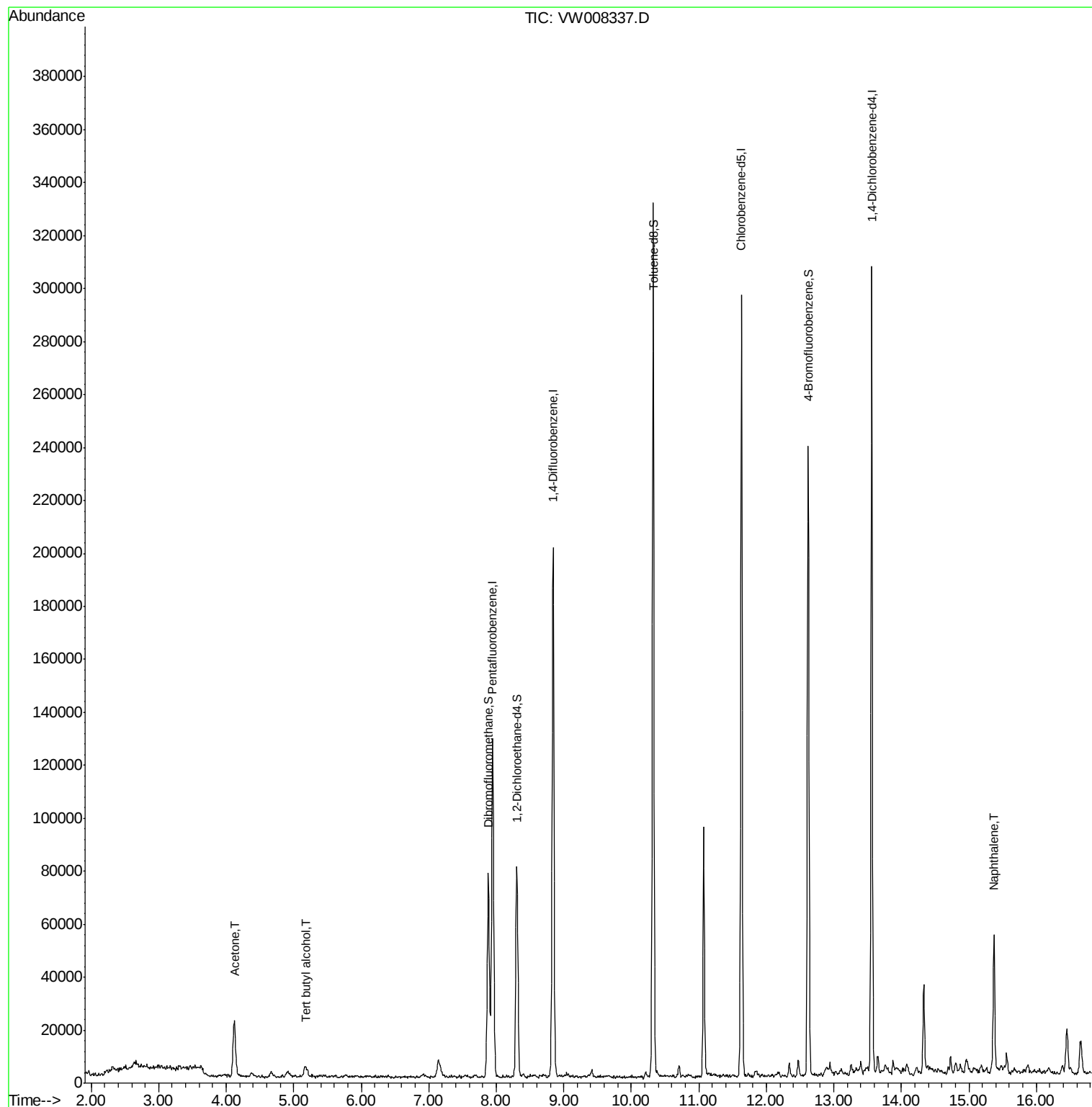
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	97697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	168028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	166138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77451	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	59711	58.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.50%	
35) Dibromofluoromethane	7.88	113	53276	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
50) Toluene-d8	10.32	98	215421	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.62	95	77214	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
Target Compounds						
11) Tert butyl alcohol	5.18	59	7142	104.376	ug/l #	94
16) Acetone	4.12	43	38008	161.040	ug/l	100
95) Naphthalene	15.38	128	45399	16.889	ug/l	99

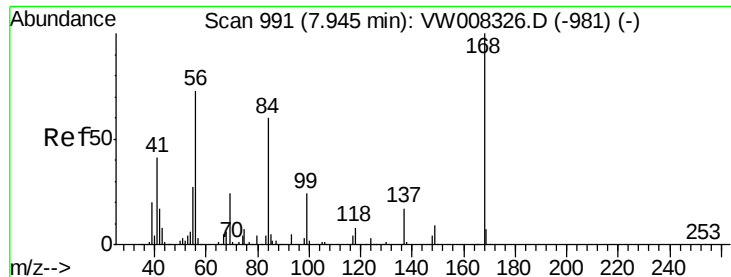
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008337.D

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Instrument :

MSVOA_W

ClientSampleId :

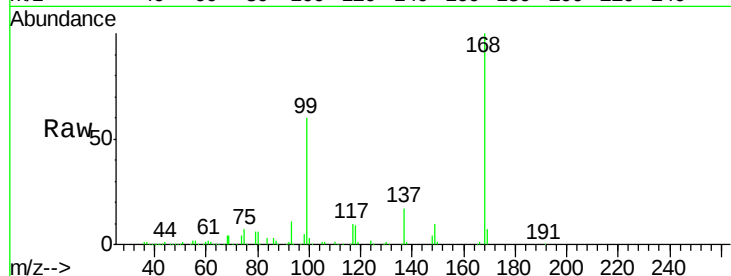
SITE4-05

Tot Ion:168 Resp: 97697

Ion Ratio Lower Upper

168 100

99 59.7 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

20000

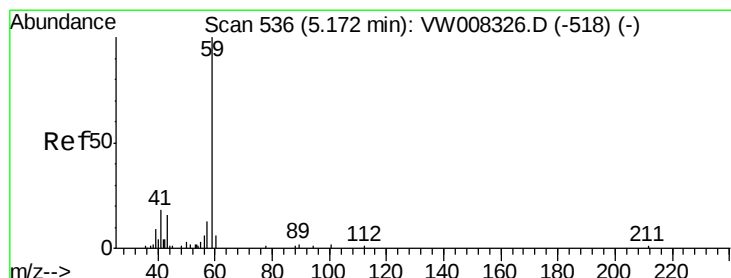
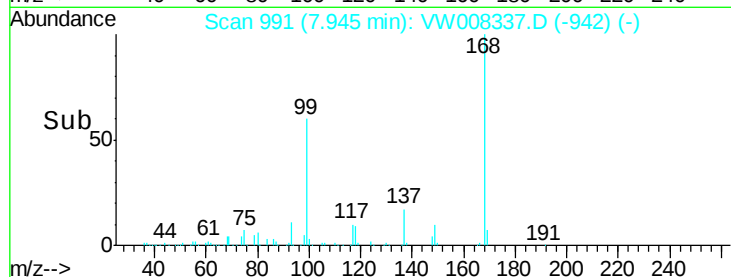
10000

0

Time-->

7.90

8.00



#11

Tert butyl alcohol

Concen: 104.376 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW008337.D

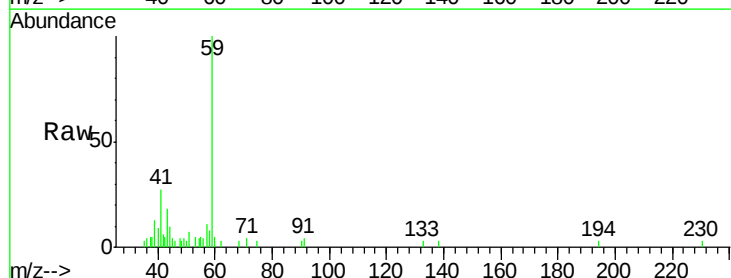
Acq: 17 Jan 2019 19:18

Tgt Ion: 59 Resp: 7142

Ion Ratio Lower Upper

59 100

57 14.3 9.4 14.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

2000

1500

1000

500

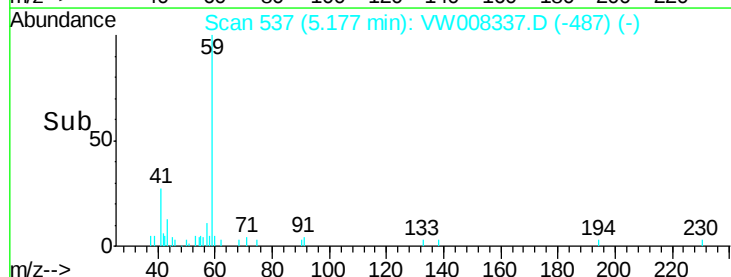
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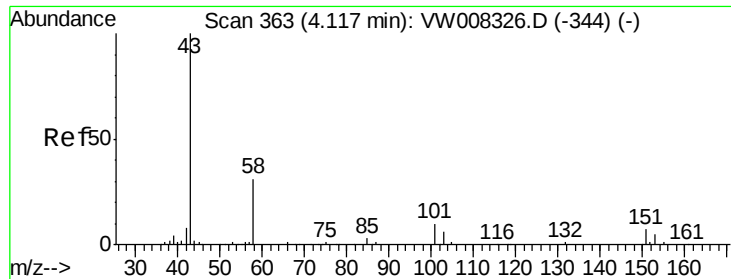
Time-->

5.10

5.20

5.30





#16

Acetone

Concen: 161.040 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008337.D

Acq: 17 Jan 2019 19:18

Instrument :

MSVOA_W

ClientSampled :

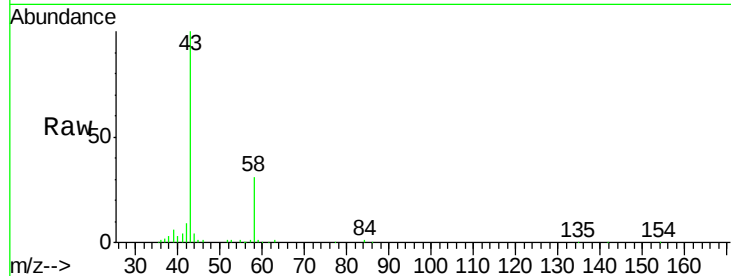
SITE4-05

Tot Ion: 43 Resp: 38008

Ion Ratio Lower Upper

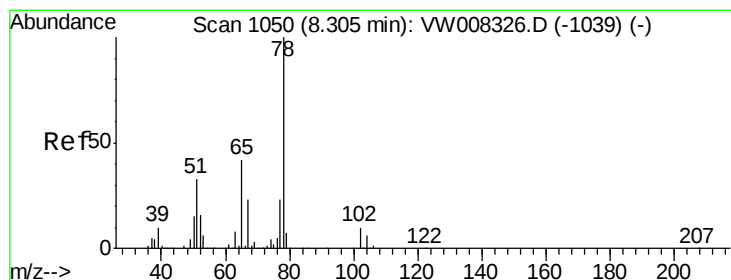
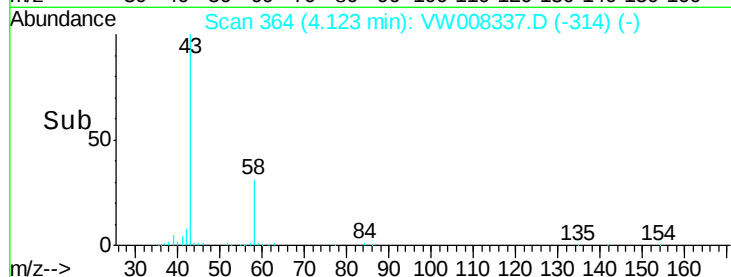
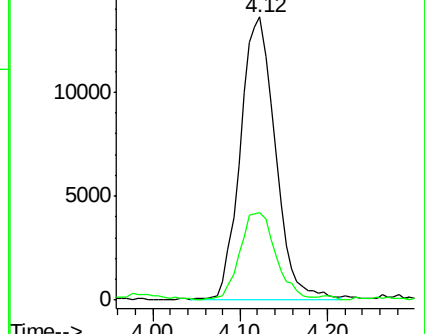
43 100

58 30.8 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#33

1,2-Dichloroethane-d4

Concen: 58.755 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008337.D

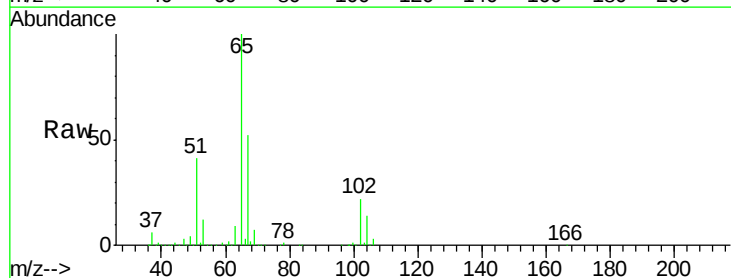
Acq: 17 Jan 2019 19:18

Tgt Ion: 65 Resp: 59711

Ion Ratio Lower Upper

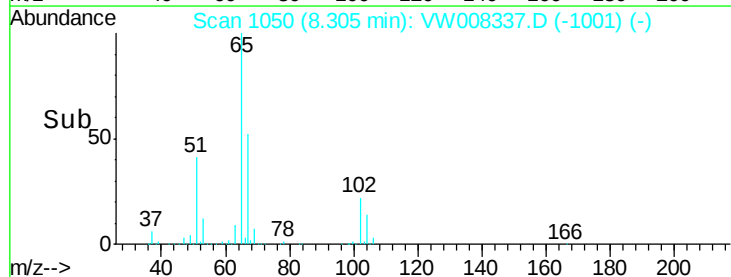
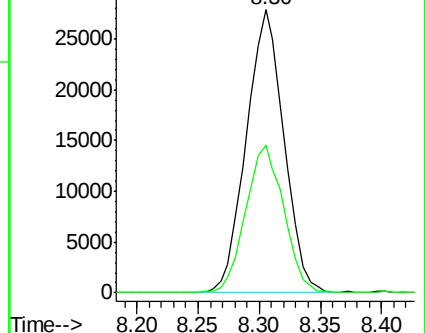
65 100

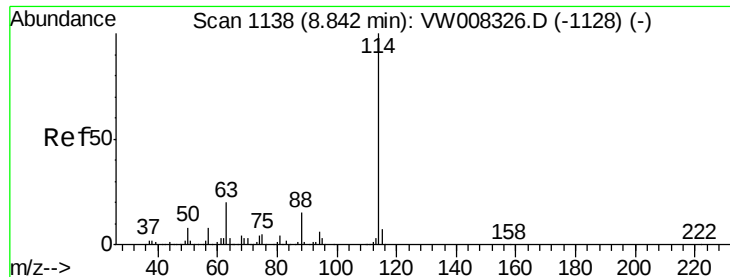
67 52.9 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

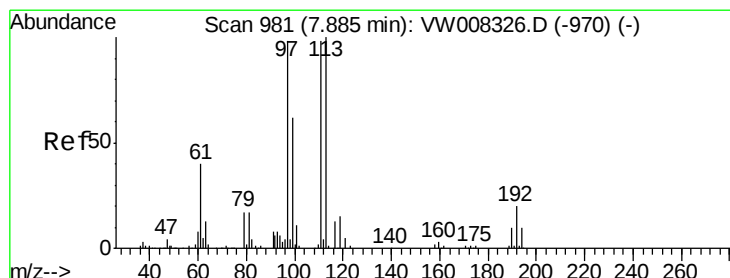
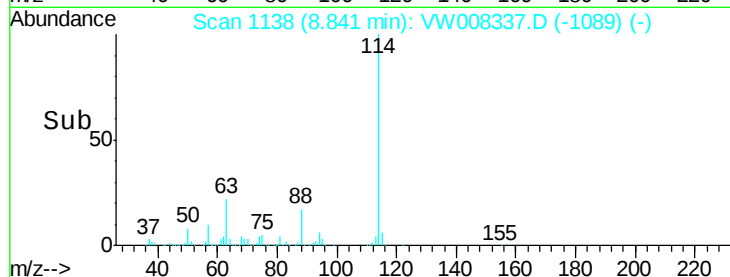
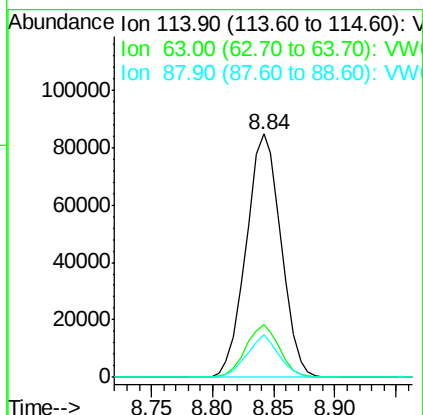
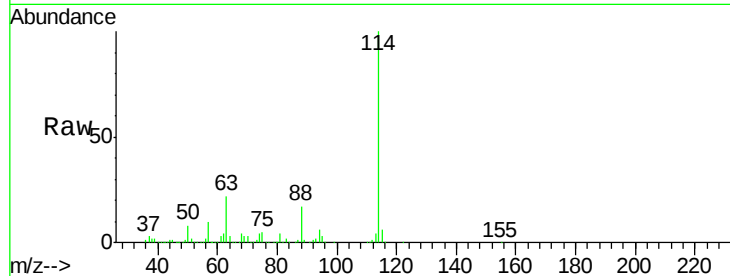




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008337.D
 Acq: 17 Jan 2019 19:18

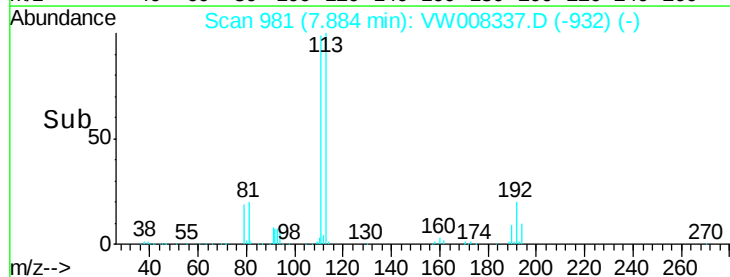
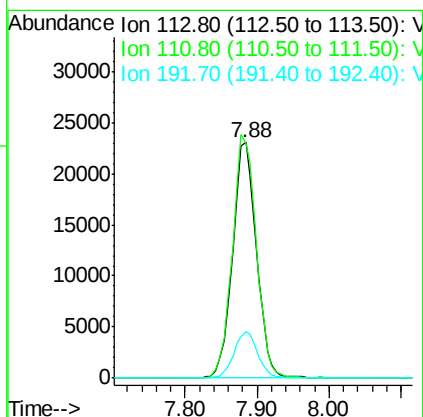
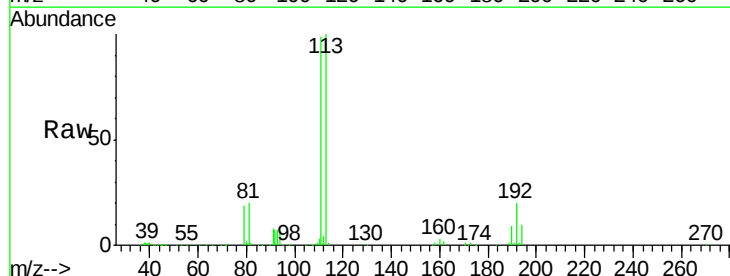
Instrument :
 MSVOA_W
 ClientSampled :
 SITE4-05

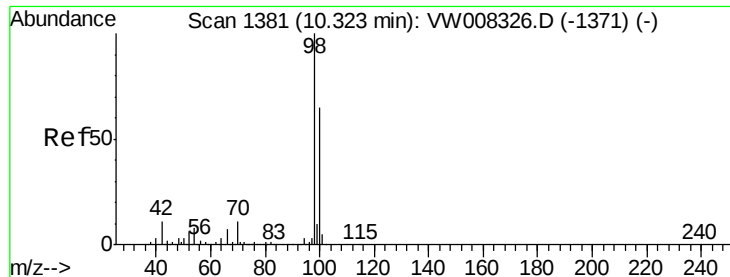
Tot Ion:114 Resp: 168028
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 40.8
 88 17.4 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 49.671 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008337.D
 Acq: 17 Jan 2019 19:18

Tgt Ion:113 Resp: 53276
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.8 122.8
 192 19.6 16.3 24.5





#50

Toluene-d8

Concen: 51.124 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008337.D

Acq: 17 Jan 2019 19:18

Instrument :

MSVOA_W

ClientSampleId :

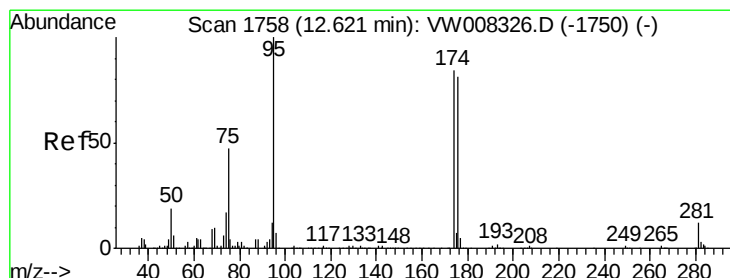
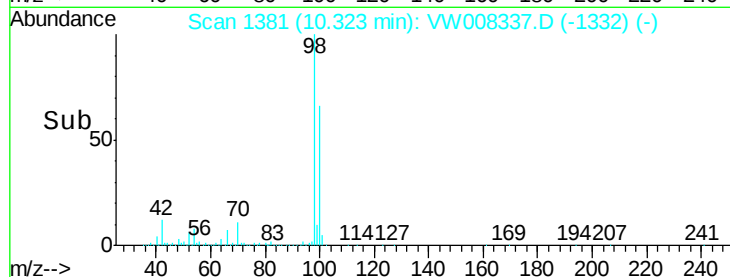
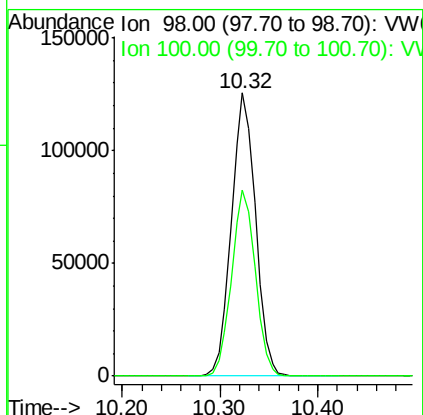
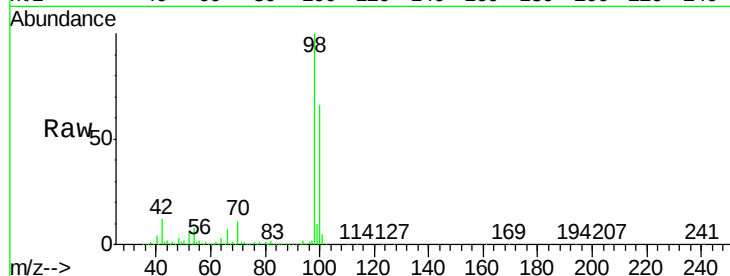
SITE4-05

Tot Ion: 98 Resp: 215421

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 51.093 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008337.D

Acq: 17 Jan 2019 19:18

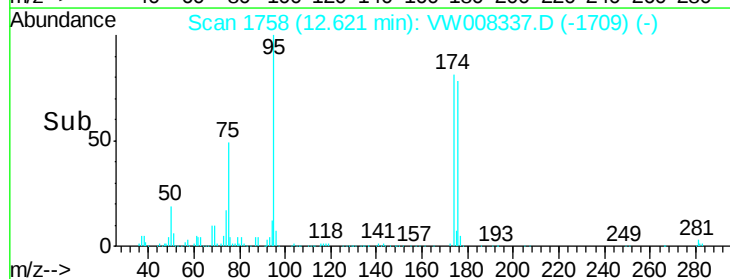
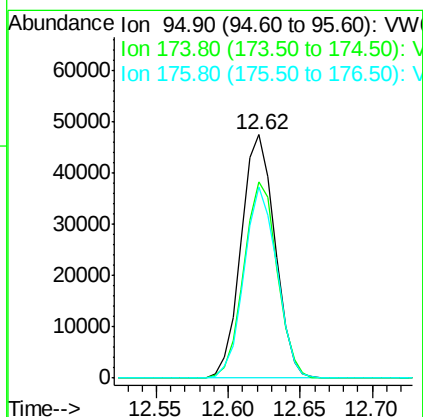
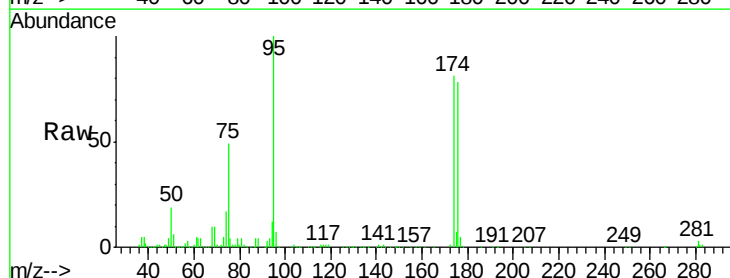
Tgt Ion: 95 Resp: 77214

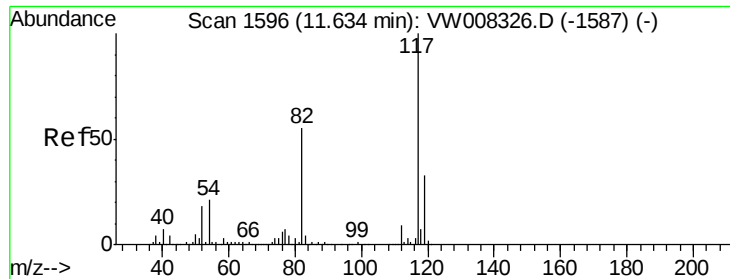
Ion Ratio Lower Upper

95 100

174 79.4 0.0 166.0

176 76.0 0.0 160.0

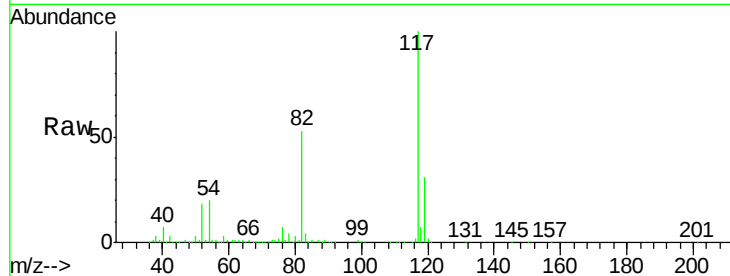




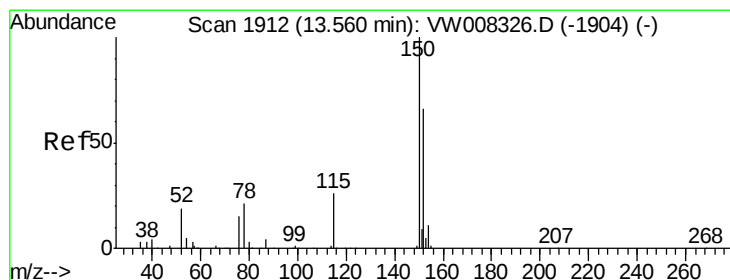
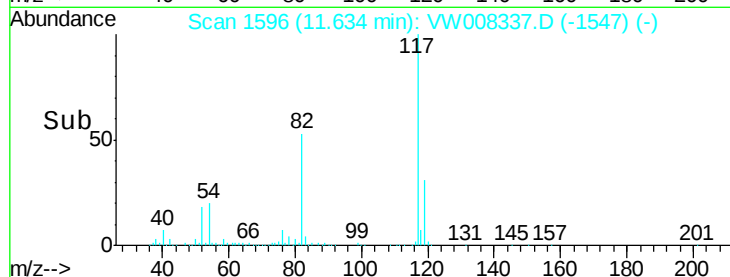
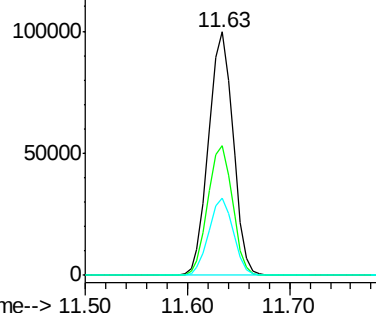
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008337.D
Acq: 17 Jan 2019 19:18

Instrument :
MSVOA_W
ClientSampleId :
SITE4-05

Tot Ion:117 Resp: 166138
Ion Ratio Lower Upper
117 100
82 53.4 44.3 66.5
119 31.5 26.3 39.5

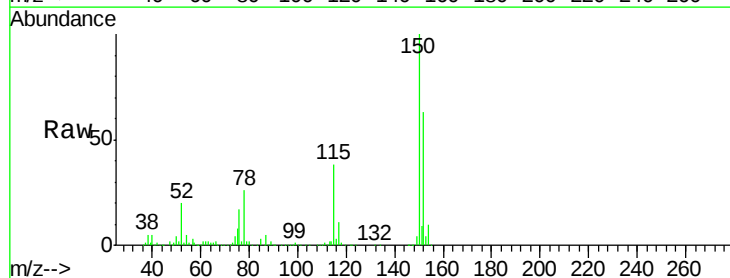


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

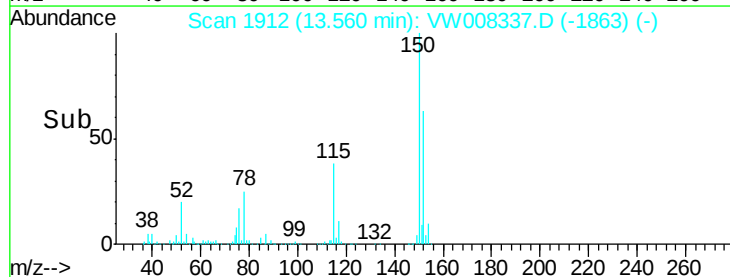
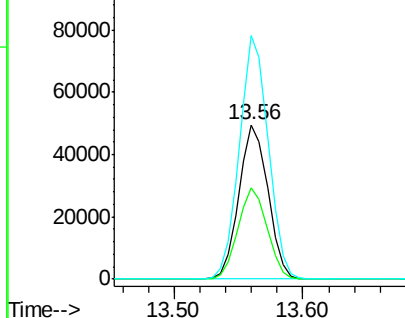


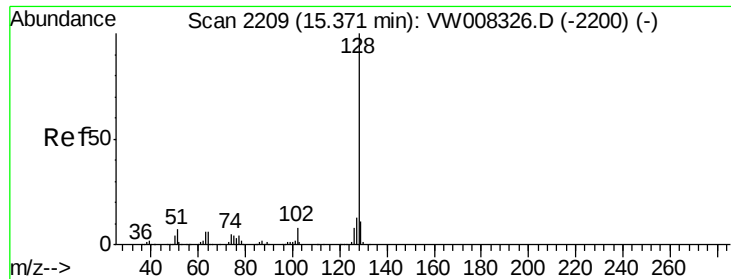
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008337.D
Acq: 17 Jan 2019 19:18

Tgt Ion:152 Resp: 77451
Ion Ratio Lower Upper
152 100
115 59.3 28.8 86.4
150 156.1 0.0 351.4



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





#95

Naphthalene

Concen: 16.889 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW008337.D

Acq: 17 Jan 2019 19:18

Instrument :

MSVOA_W

ClientSampleId :

SITE4-05

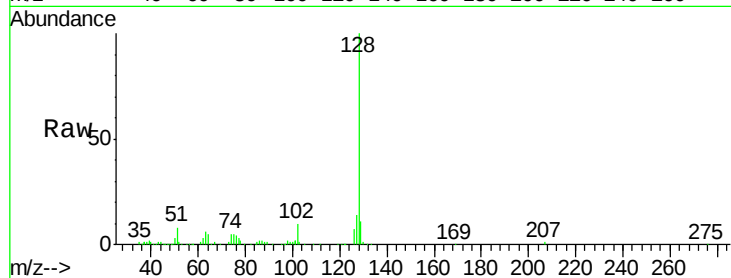
Tot Ion:128 Resp: 45399

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 11.6 8.8 13.2



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

