

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011719\
 Data File : VW008336.D
 Acq On : 17 Jan 2019 18:52
 Operator : SY/VA
 Sample : K1191-05
 Misc : 10.1G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SITE4-04

Quant Time: Jan 18 01:39:28 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

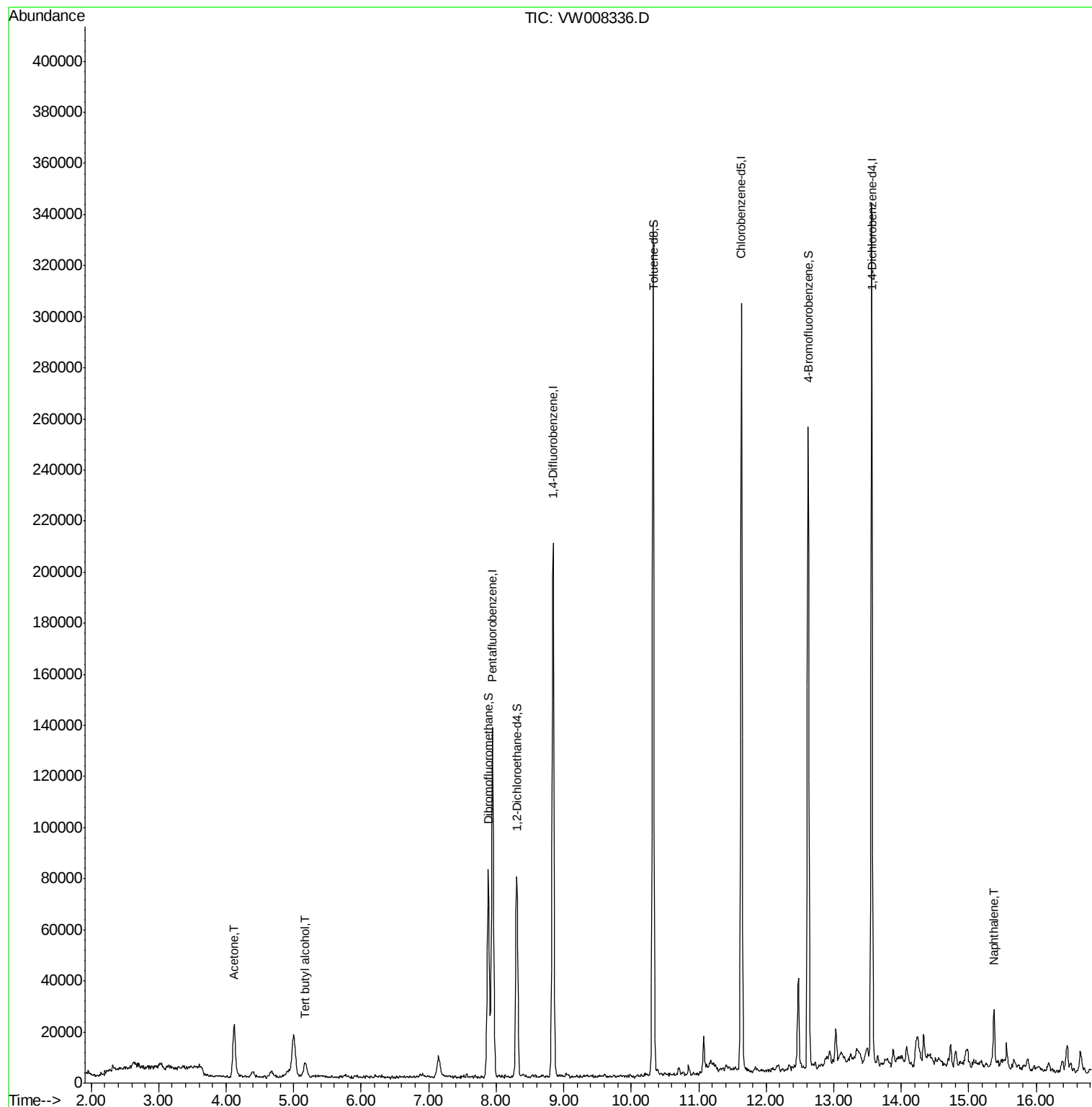
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	100081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	176532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	169972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	85028	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	60952	58.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.10%	
35) Dibromofluoromethane	7.88	113	55552	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
50) Toluene-d8	10.32	98	221047	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.62	95	82680	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
Target Compounds						
11) Tert butyl alcohol	5.18	59	10075	143.732	ug/l	96
16) Acetone	4.12	43	35232	145.722	ug/l	97
95) Naphthalene	15.37	128	18599	7.763	ug/l #	91

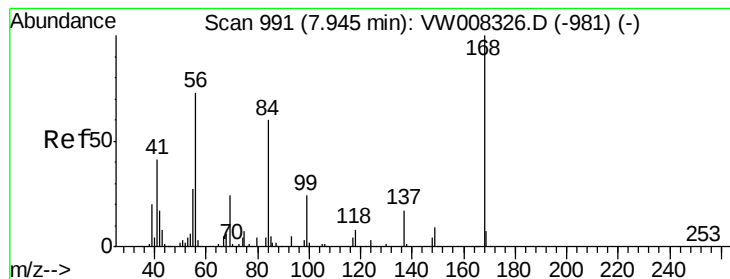
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008336.D

Acq: 17 Jan 2019 18:52

Instrument :

MSVOA_W

ClientSampleId :

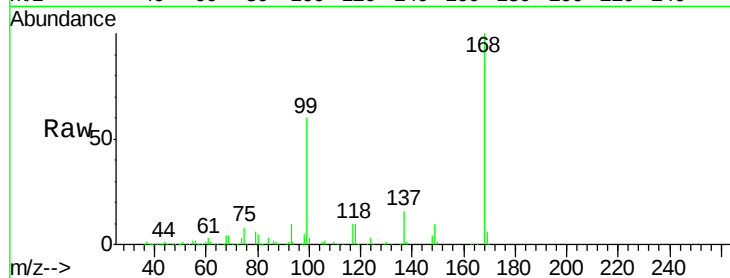
SITE4-04

Tot Ion:168 Resp: 100081

Ion Ratio Lower Upper

168 100

99 60.0 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

50000

40000

30000

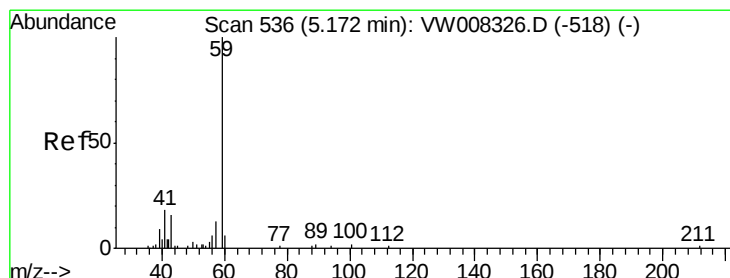
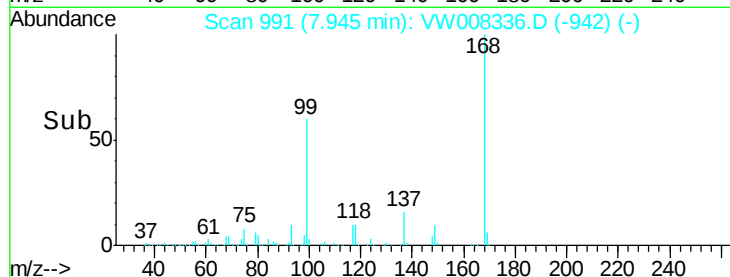
20000

10000

0

Time-->

7.90 8.00



#11

Tert butyl alcohol

Concen: 143.732 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW008336.D

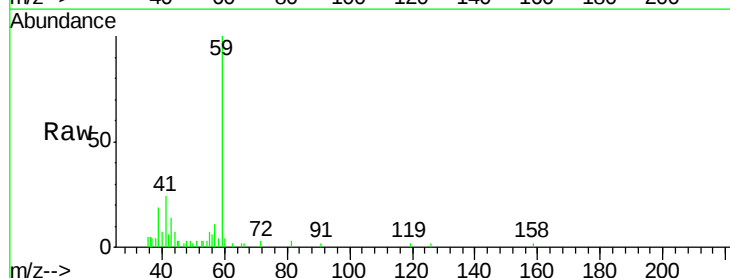
Acq: 17 Jan 2019 18:52

Tgt Ion: 59 Resp: 10075

Ion Ratio Lower Upper

59 100

57 13.5 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

3000

2500

2000

1500

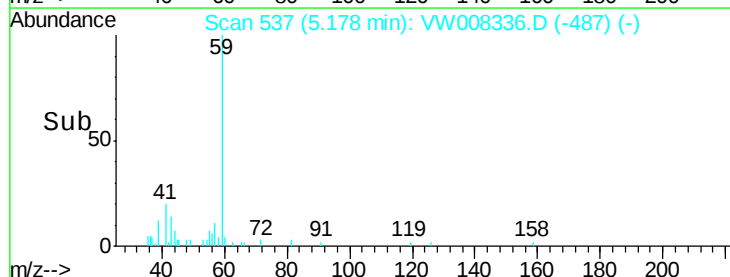
1000

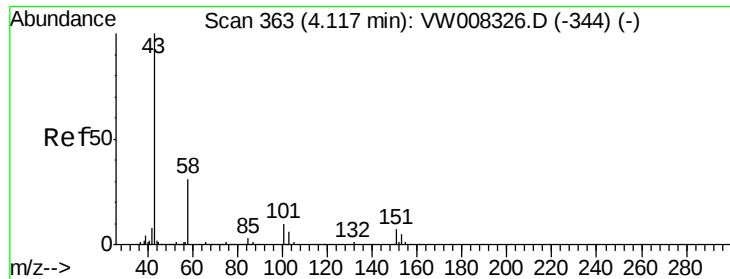
500

0

Time-->

5.10 5.20 5.30

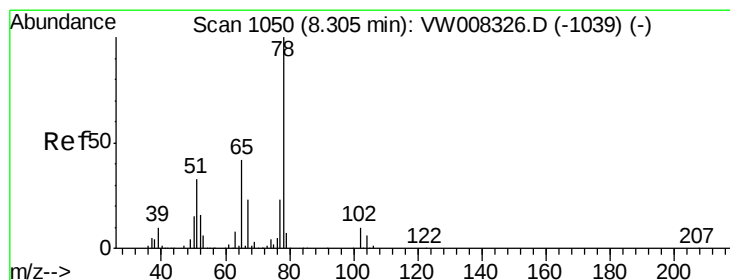
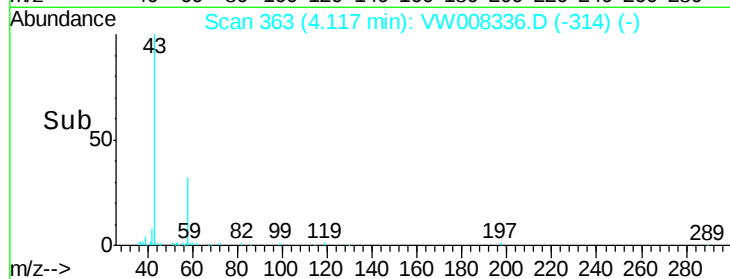
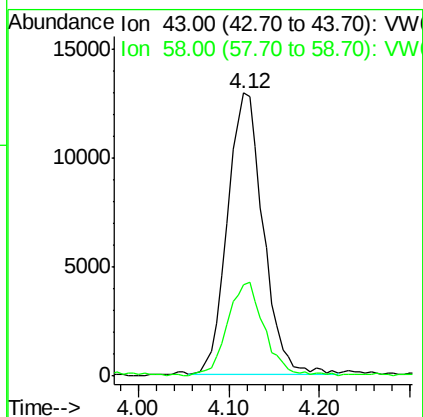
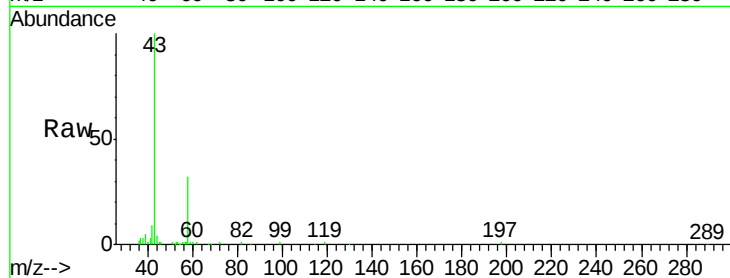




#16
Acetone
Concen: 145.722 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW008336.D
Acq: 17 Jan 2019 18:52

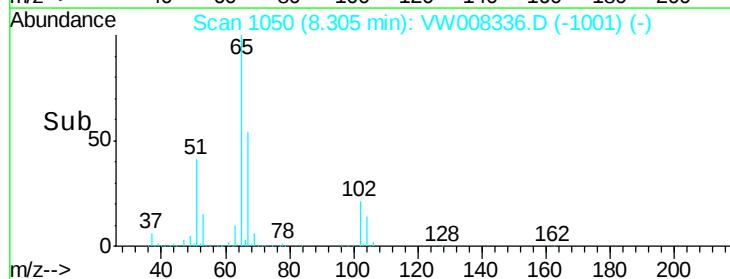
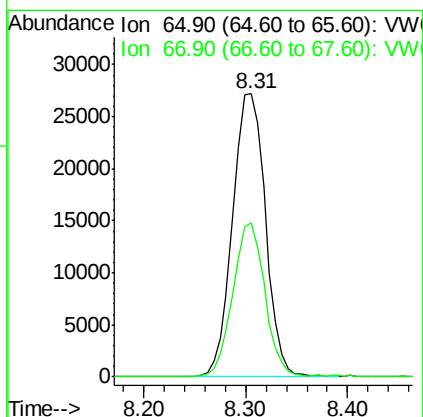
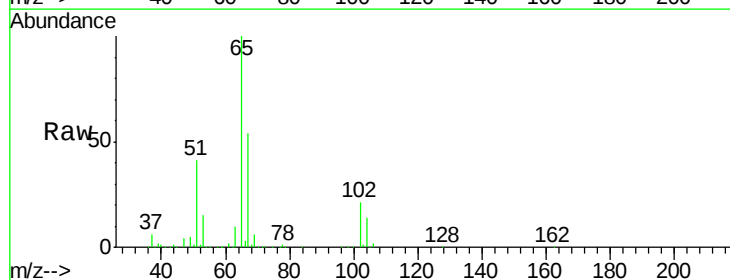
Instrument :
MSVOA_W
ClientSampleId :
SITE4-04

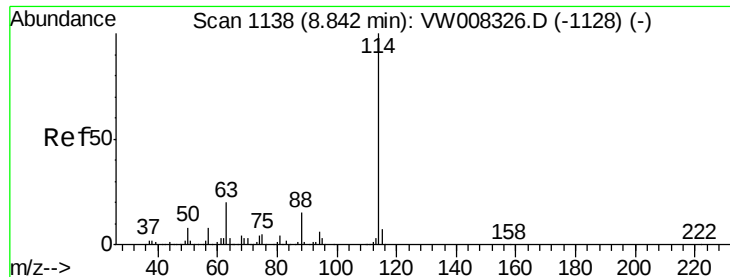
Tot Ion: 43 Resp: 35232
Ion Ratio Lower Upper
43 100
58 32.4 24.7 37.1



#33
1,2-Dichloroethane-d4
Concen: 58.547 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008336.D
Acq: 17 Jan 2019 18:52

Tgt Ion: 65 Resp: 60952
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.2

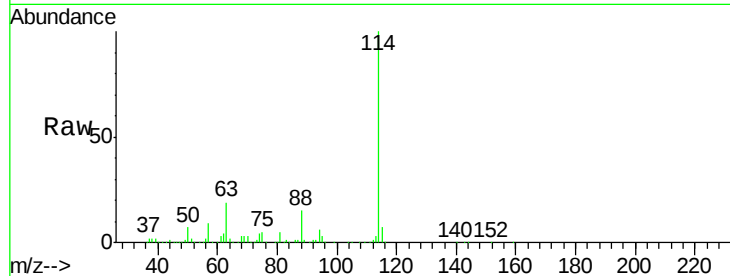




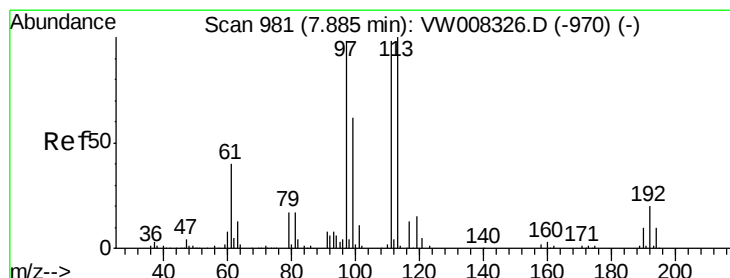
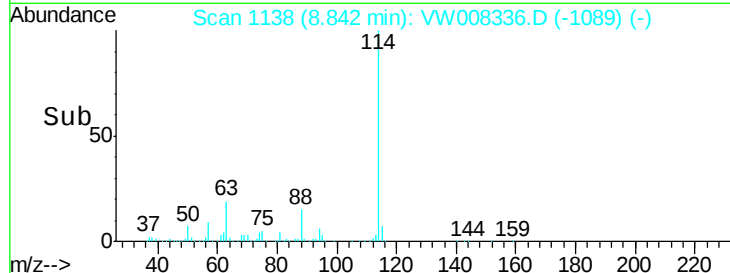
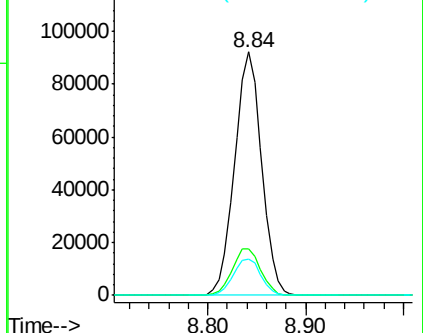
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008336.D
 Acq: 17 Jan 2019 18:52

Instrument :
 MSVOA_W
 ClientSampleId :
 SITE4-04

Tot Ion:114 Resp: 176532
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.8
 88 15.1 0.0 30.4

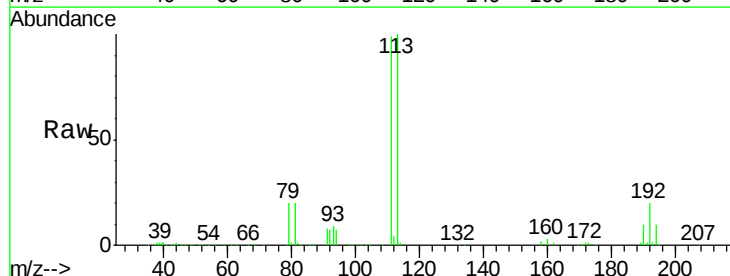


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

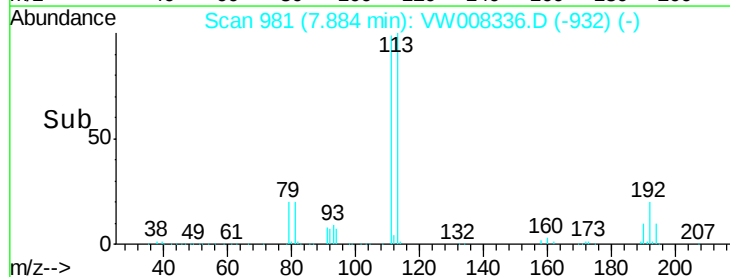
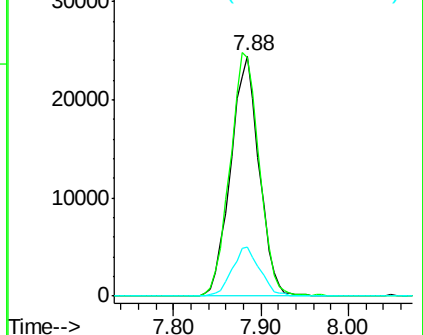


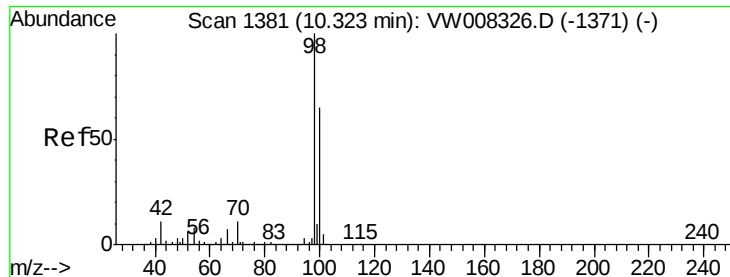
#35
 Dibromofluoromethane
 Concen: 49.298 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008336.D
 Acq: 17 Jan 2019 18:52

Tgt Ion:113 Resp: 55552
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.8 122.8
 192 19.7 16.3 24.5



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: 49.932 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008336.D

Acq: 17 Jan 2019 18:52

Instrument :

MSVOA_W

ClientSampleId :

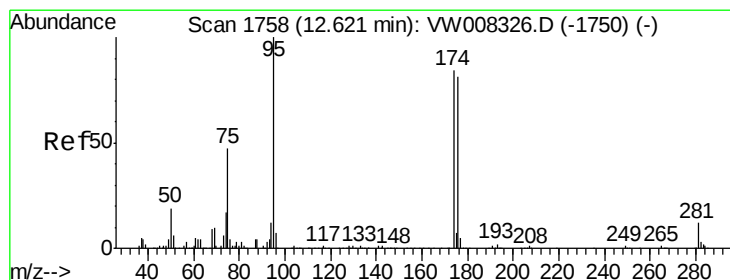
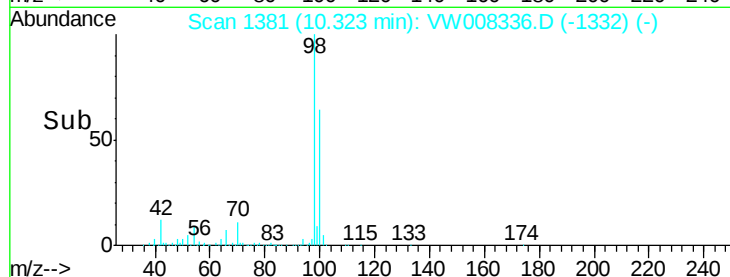
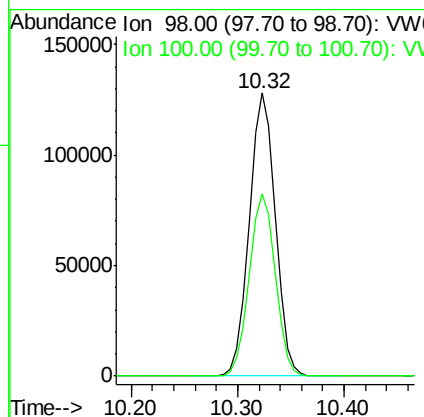
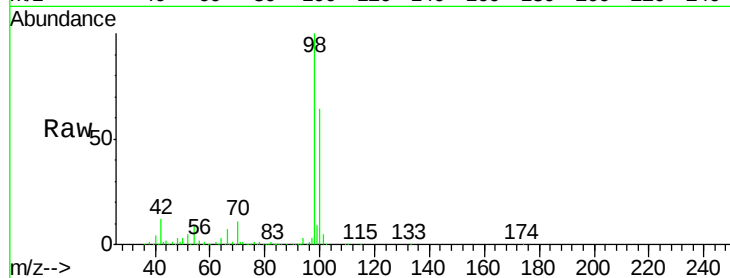
SITE4-04

Tot Ion: 98 Resp: 221047

Ion Ratio Lower Upper

98 100

100 64.3 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 52.075 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008336.D

Acq: 17 Jan 2019 18:52

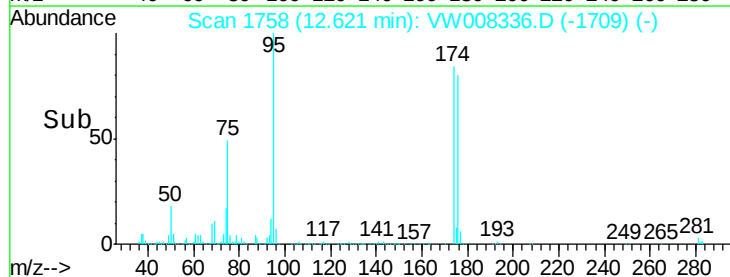
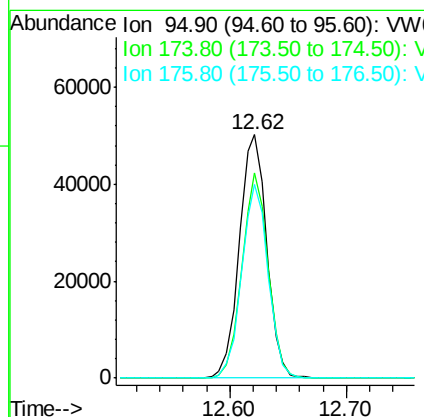
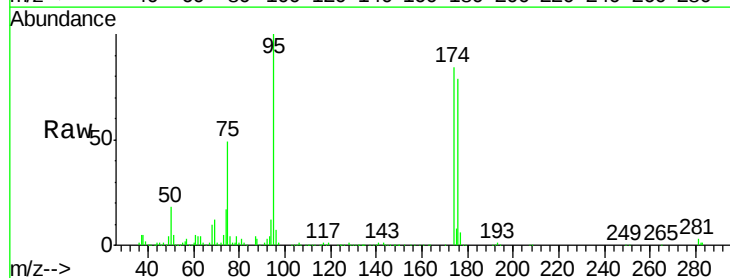
Tgt Ion: 95 Resp: 82680

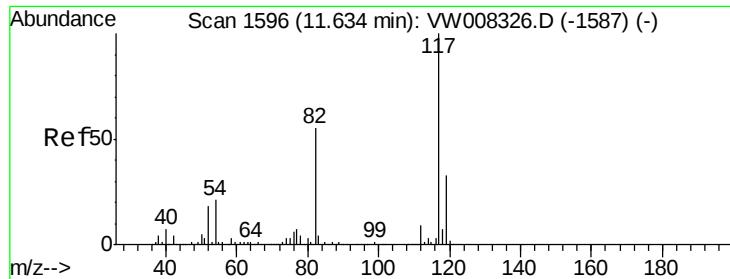
Ion Ratio Lower Upper

95 100

174 80.1 0.0 166.0

176 76.3 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: VW008336.D

Acq: 17 Jan 2019 18:52

Instrument :

MSVOA_W

ClientSampleId :

SITE4-04

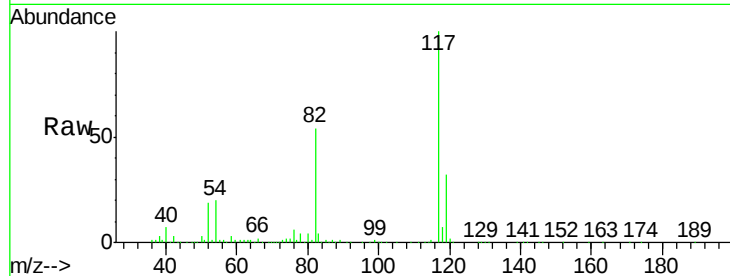
Tot Ion:117 Resp: 169972

Ion Ratio Lower Upper

117 100

82 54.3 44.3 66.5

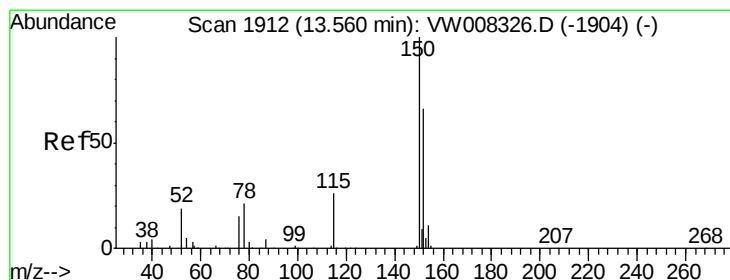
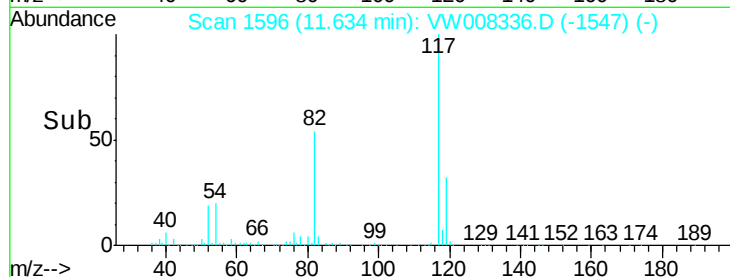
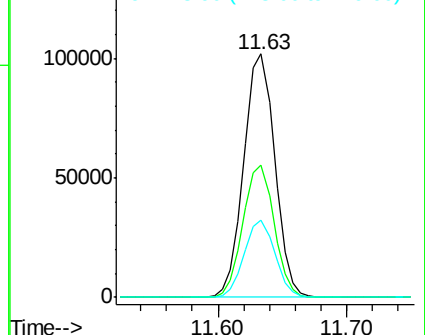
119 31.7 26.3 39.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

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: VW008336.D

Acq: 17 Jan 2019 18:52

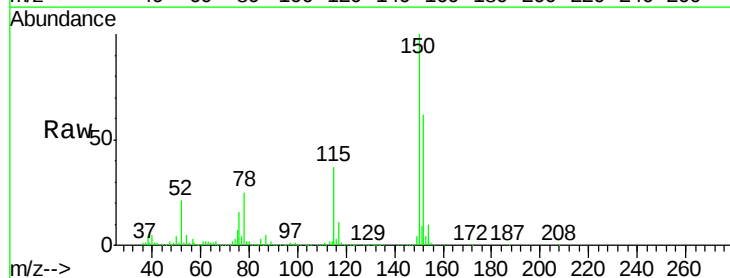
Tgt Ion:152 Resp: 85028

Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.4

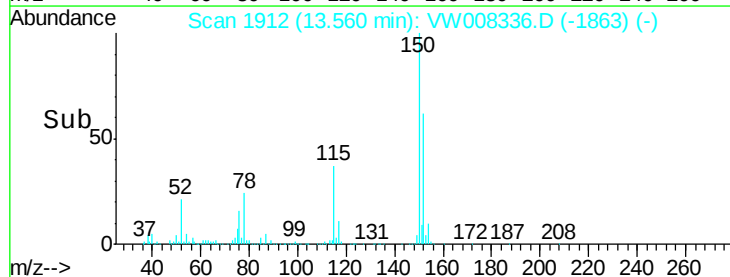
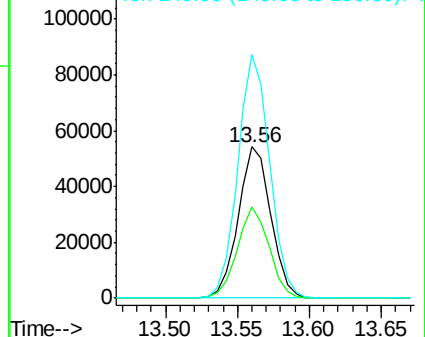
150 157.6 0.0 351.4

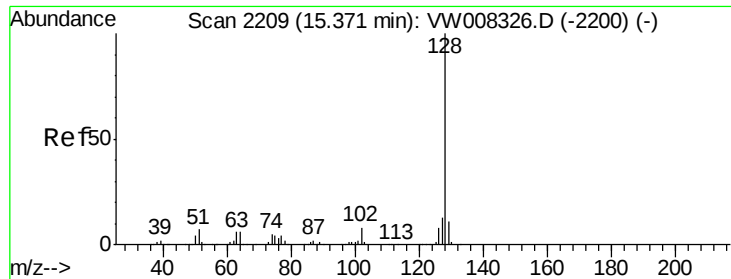


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

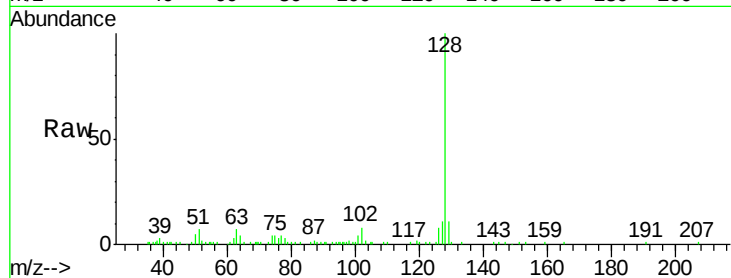




#95
Naphthalene
Concen: 7.763 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008336.D
Acq: 17 Jan 2019 18:52

Instrument :
MSVOA_W
ClientSampleId :
SITE4-04

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.5	15.7
129	16.3	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

