

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052319\
 Data File : VW010535.D
 Acq On : 23 May 2019 17:37
 Operator : SY/VA
 Sample : K2994-14
 Misc : 3.78G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-6-S2

Quant Time: May 24 09:07:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

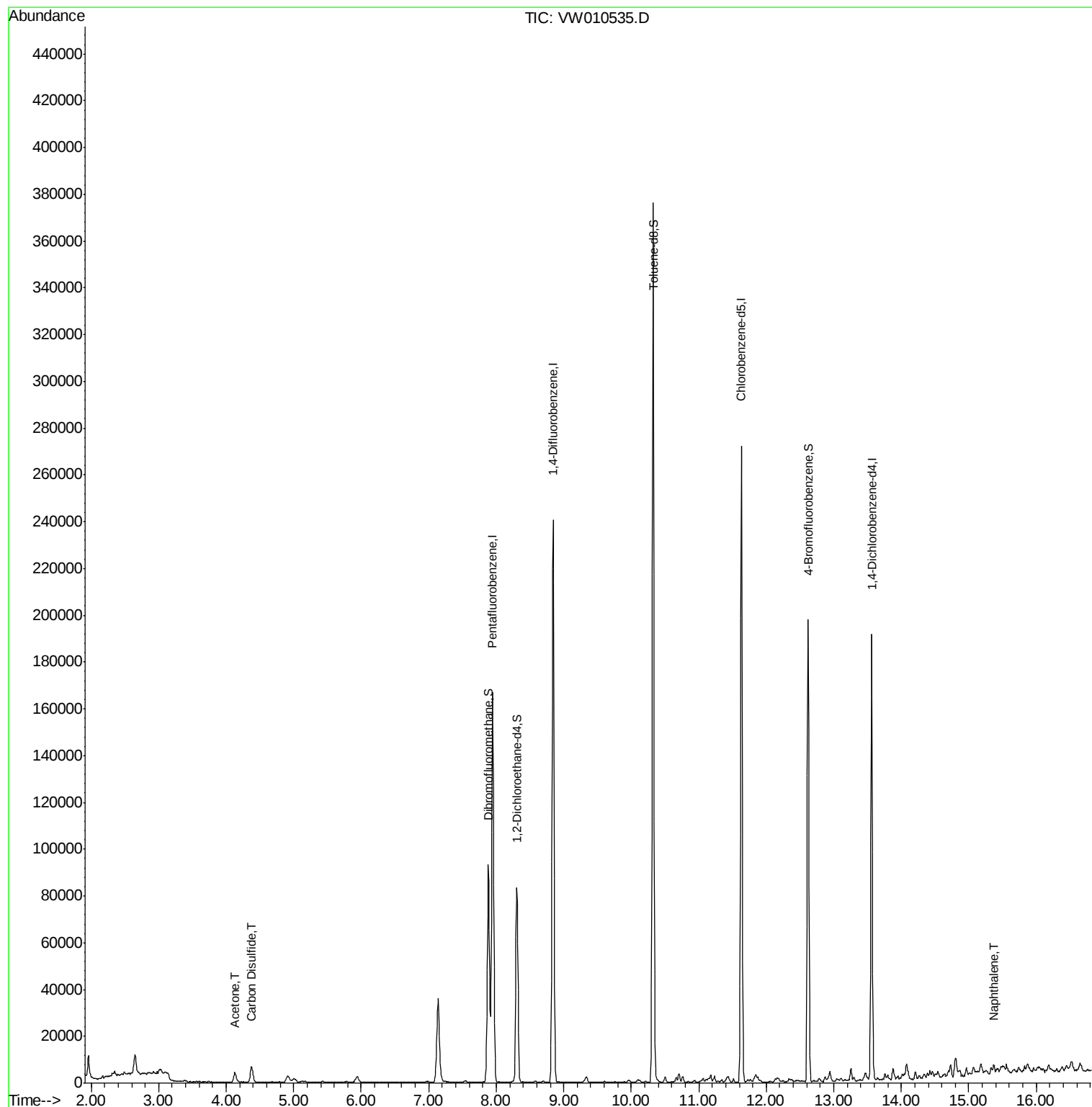
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	119355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	215027	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	165293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	49356	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	67787	55.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.04%	
35) Dibromofluoromethane	7.88	113	67774	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
50) Toluene-d8	10.32	98	252193	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.62	95	73206	36.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.74%	
Target Compounds						
16) Acetone	4.12	43	7485	29.765	ug/l	98
17) Carbon Disulfide	4.37	76	13437	3.573	ug/l	98
95) Naphthalene	15.37	128	3664	1.637	ug/l	96

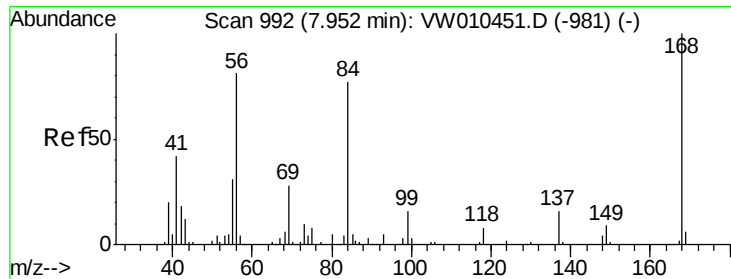
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010535.D

Acq: 23 May 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

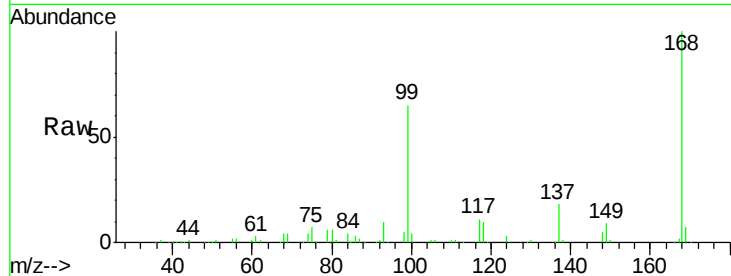
TP-6-S2

Tot Ion:168 Resp: 119355

Ion Ratio Lower Upper

168 100

99 64.5 46.1 69.1



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

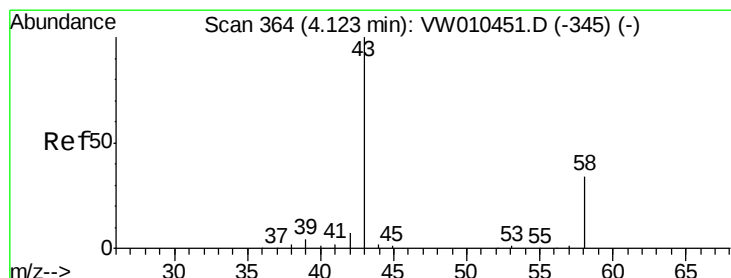
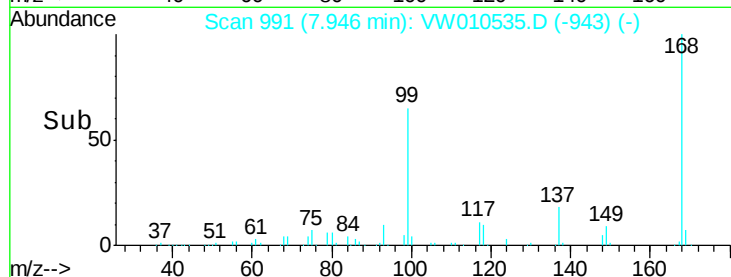
20000

10000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 29.765 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010535.D

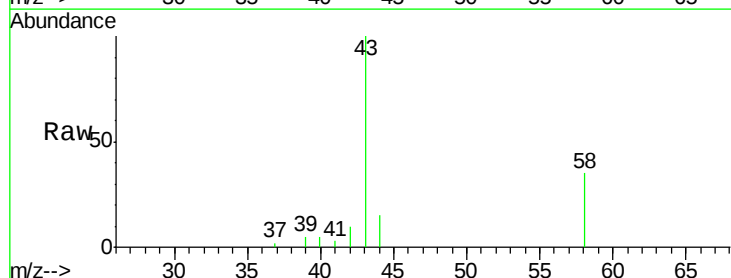
Acq: 23 May 2019 17:37

Tgt Ion: 43 Resp: 7485

Ion Ratio Lower Upper

43 100

58 34.9 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

3000

2500

2000

1500

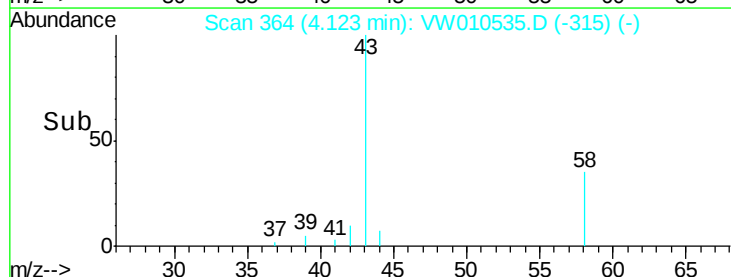
1000

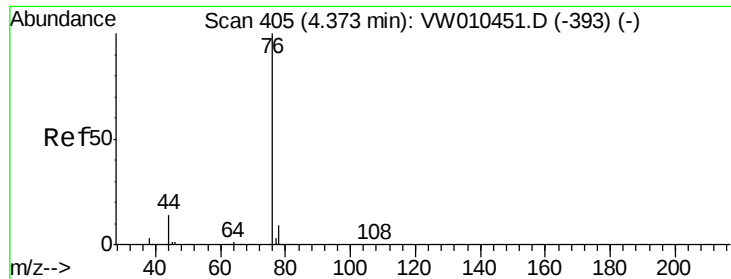
500

0

4.00 4.10 4.20

Time-->





#17

Carbon Disulfide

Concen: 3.573 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010535.D

Acq: 23 May 2019 17:37

Instrument :

MSVOA_W

ClientSampled :

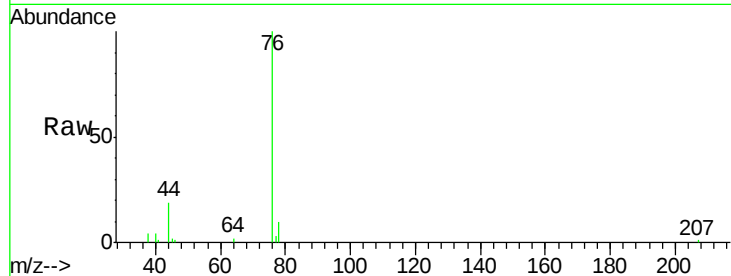
TP-6-S2

Tot Ion: 76 Resp: 13437

Ion Ratio Lower Upper

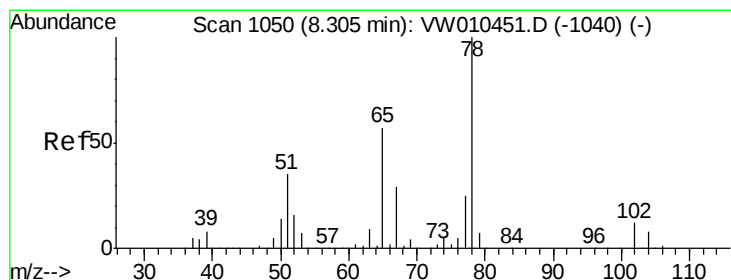
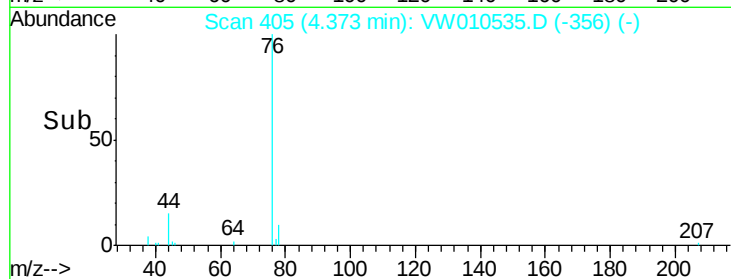
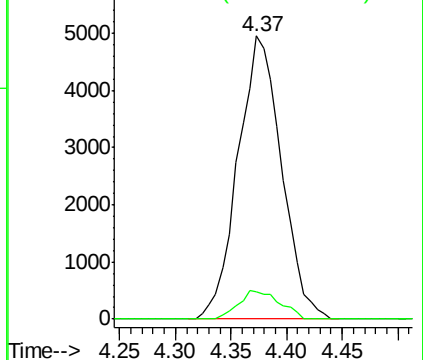
76 100

78 9.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#33

1,2-Dichloroethane-d4

Concen: 55.024 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010535.D

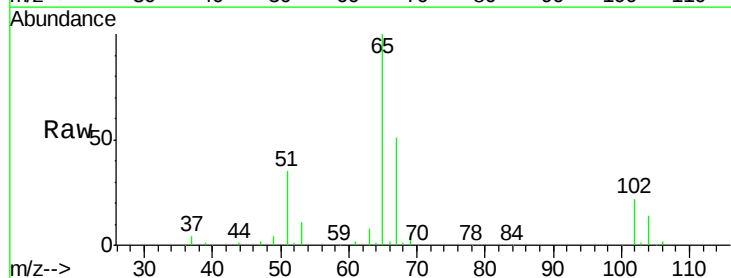
Acq: 23 May 2019 17:37

Tgt Ion: 65 Resp: 67787

Ion Ratio Lower Upper

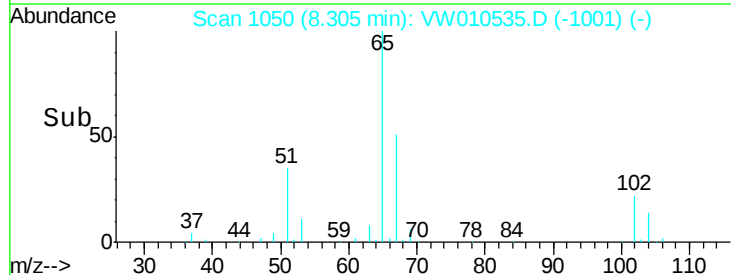
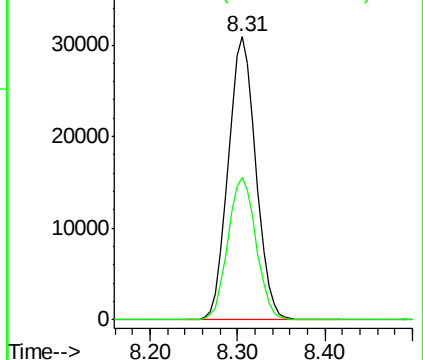
65 100

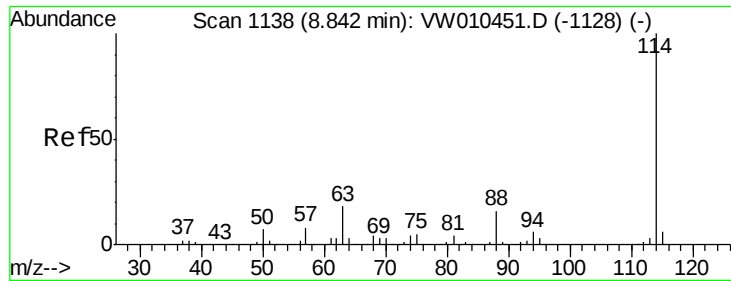
67 51.4 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

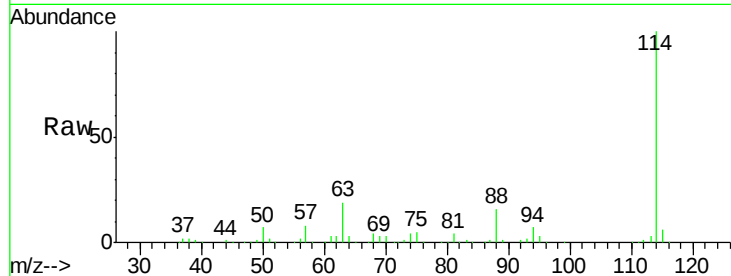




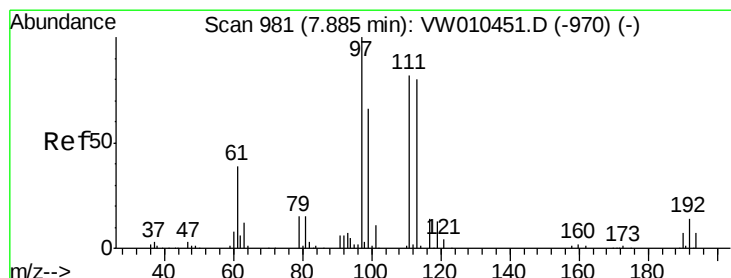
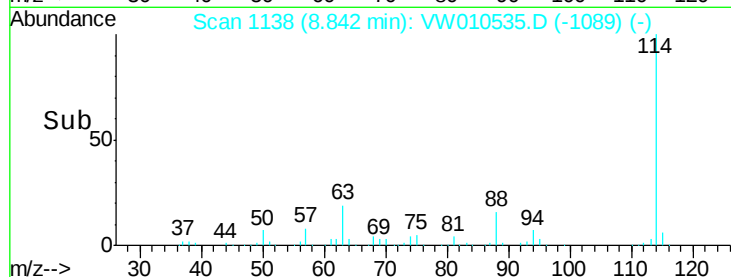
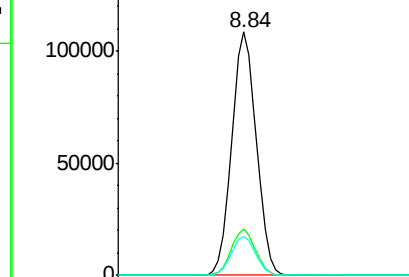
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010535.D
Acq: 23 May 2019 17:37

Instrument :
MSVOA_W
ClientSampleId :
TP-6-S2

Tot Ion:114 Resp: 215027
Ion Ratio Lower Upper
114 100
63 18.9 0.0 36.0
88 16.1 0.0 32.0

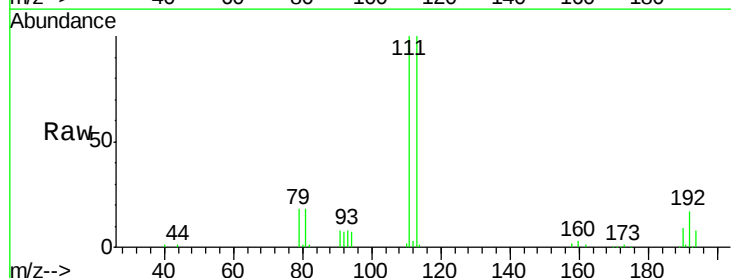


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

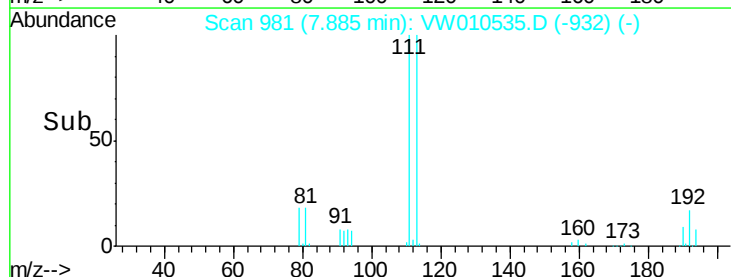
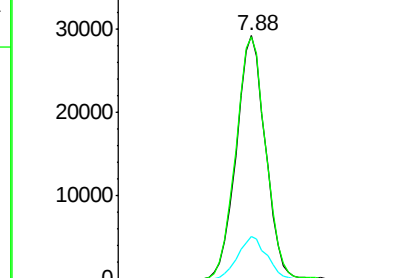


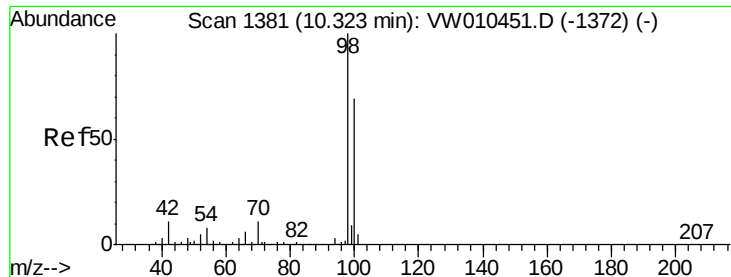
#35
Dibromofluoromethane
Concen: 51.944 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010535.D
Acq: 23 May 2019 17:37

Tgt Ion:113 Resp: 67774
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 17.0 14.3 21.5



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: 50.596 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010535.D

Acq: 23 May 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

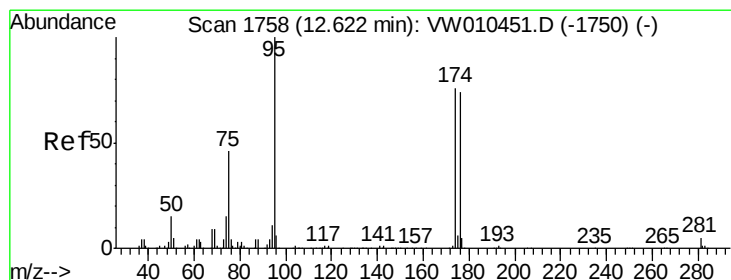
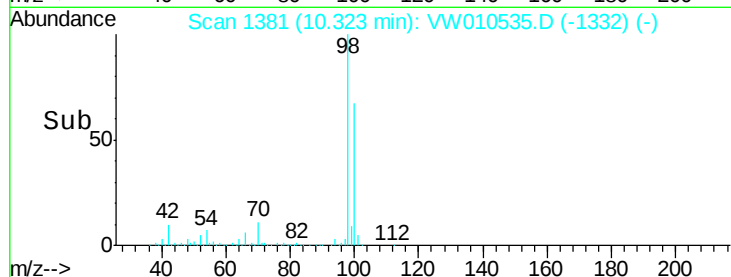
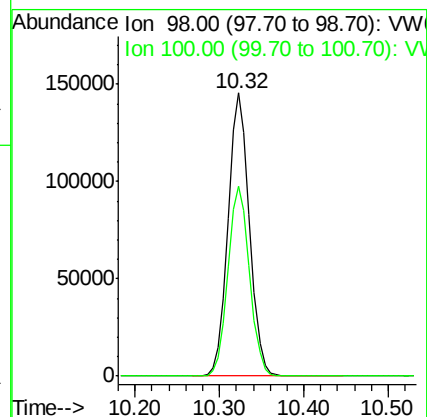
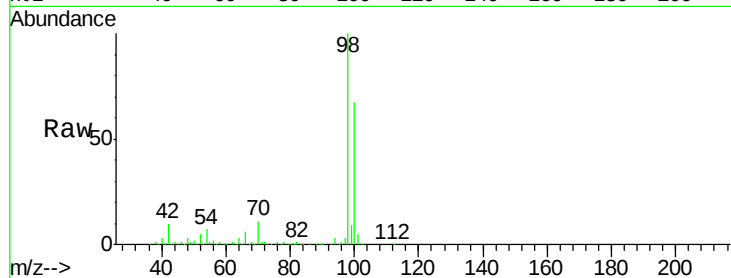
TP-6-S2

Tot Ion: 98 Resp: 252193

Ion Ratio Lower Upper

98 100

100 67.9 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 36.873 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010535.D

Acq: 23 May 2019 17:37

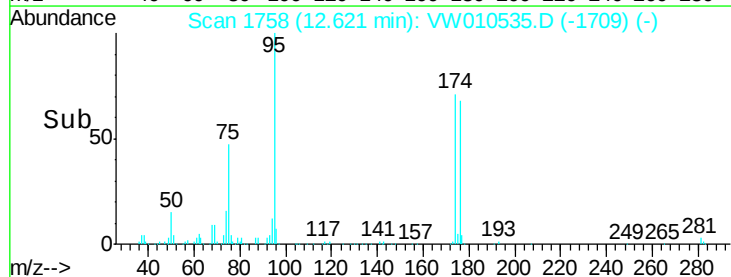
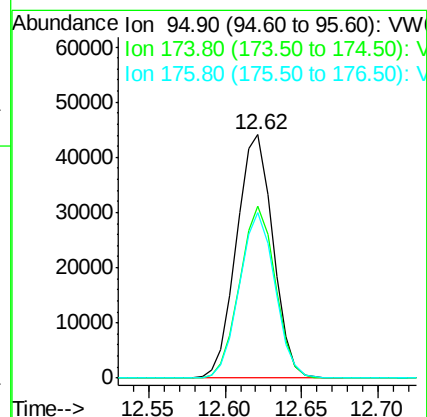
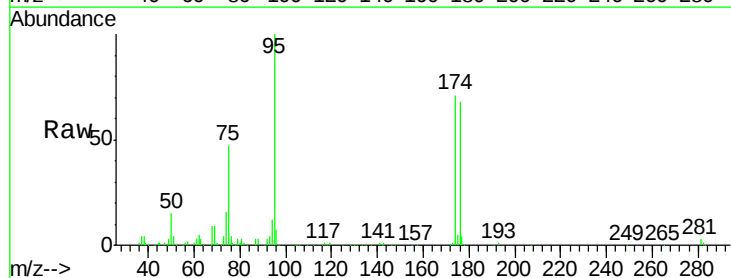
Tgt Ion: 95 Resp: 73206

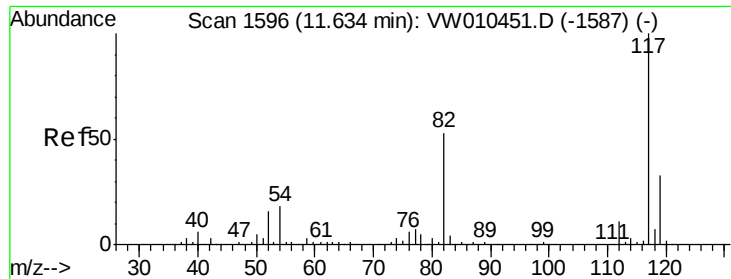
Ion Ratio Lower Upper

95 100

174 68.5 0.0 148.6

176 66.1 0.0 144.2

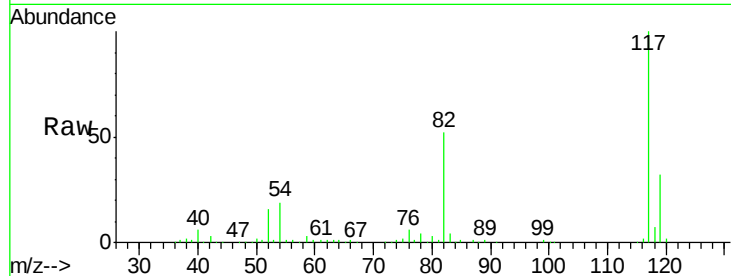




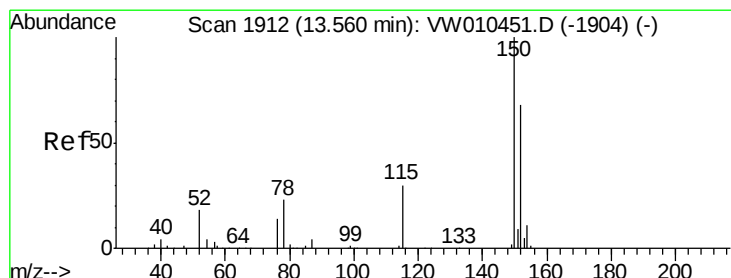
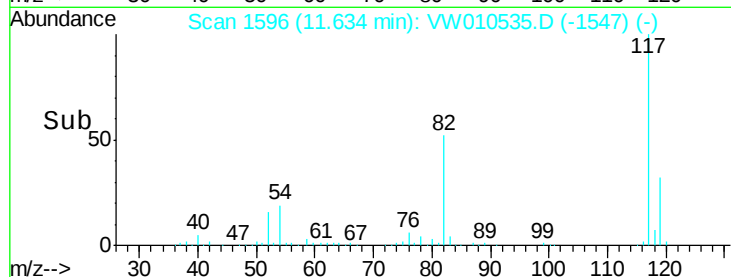
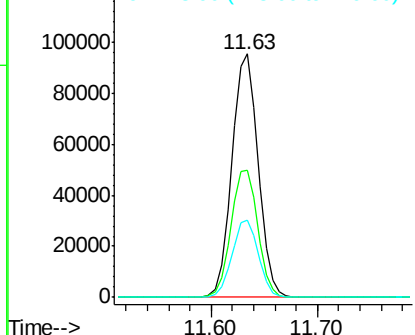
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010535.D
Acq: 23 May 2019 17:37

Instrument :
MSVOA_W
ClientSampled :
TP-6-S2

Tot Ion:117 Resp: 165293
Ion Ratio Lower Upper
117 100
82 52.0 42.8 64.2
119 31.9 26.3 39.5

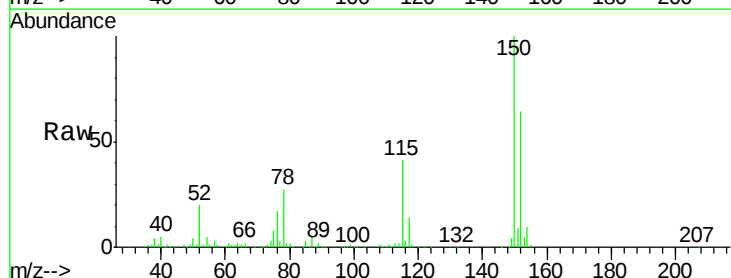


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

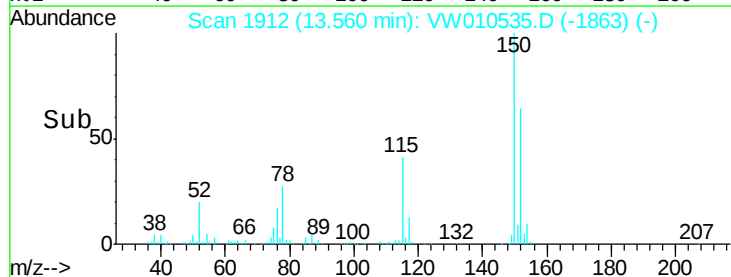
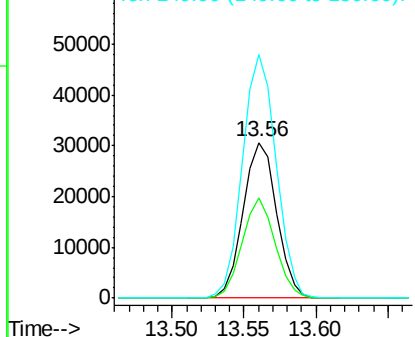


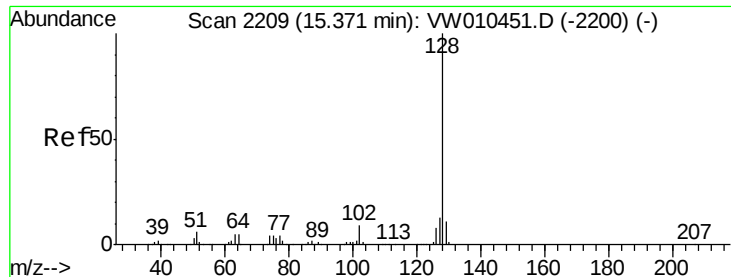
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010535.D
Acq: 23 May 2019 17:37

Tgt Ion:152 Resp: 49356
Ion Ratio Lower Upper
152 100
115 63.3 30.3 91.0
150 157.0 0.0 349.8



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





#95

Naphthalene

Concen: 1.637 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010535.D

Acq: 23 May 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

TP-6-S2

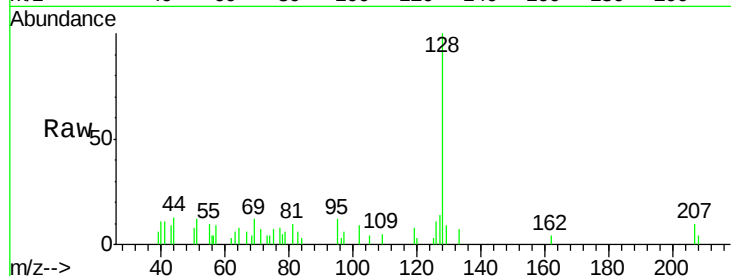
Tot Ion:128 Resp: 3664

Ion Ratio Lower Upper

128 100

127 15.2 10.6 15.8

129 12.1 8.9 13.3



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

