

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008690.D
 Acq On : 15 Feb 2019 17:45
 Operator : SY/VA
 Sample : K1515-01
 Misc : 6.19G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-1

Quant Time: Feb 16 02:42:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

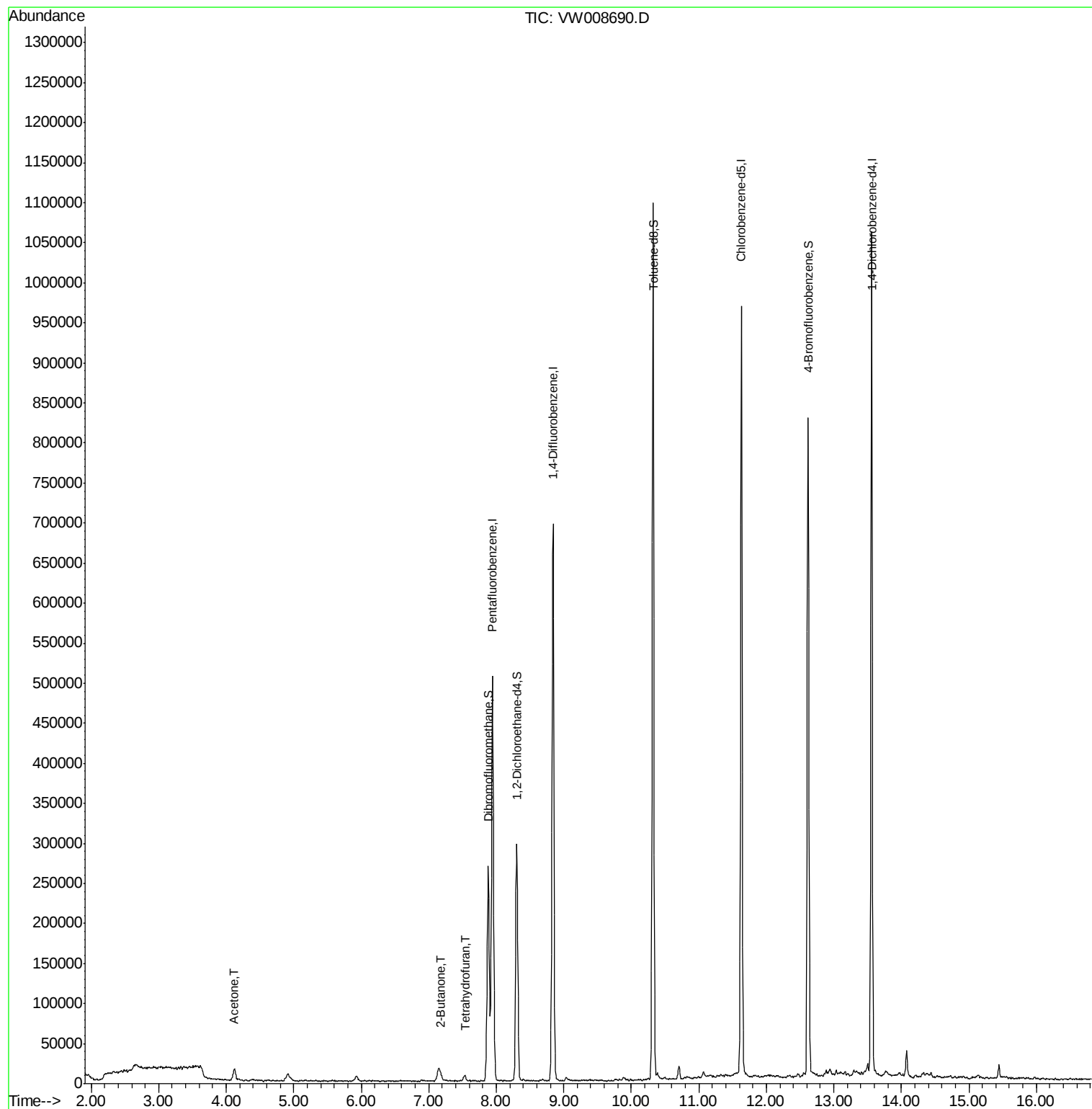
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	387809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	581635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	524597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	265249	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	219066	54.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.66%	
35) Dibromofluoromethane	7.88	113	182915	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
50) Toluene-d8	10.32	98	695718	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.62	95	251905	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
Target Compounds						
16) Acetone	4.12	43	26860	29.276	ug/l #	89
25) 2-Butanone	7.18	43	9261	7.149	ug/l #	83
29) Tetrahydrofuran	7.54	42	5986	7.010	ug/l	95

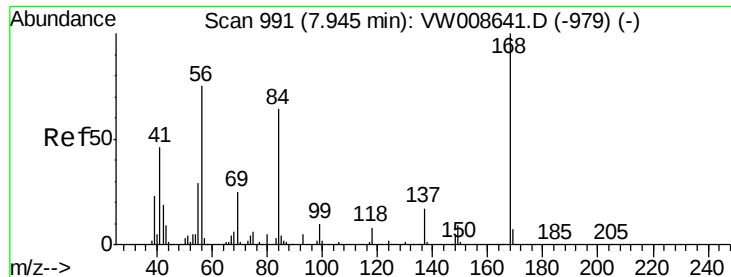
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021519\
Data File : VW008690.D
Acq On : 15 Feb 2019 17:45
Operator : SY/VA
Sample : K1515-01
Misc : 6.19G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TS-1

Quant Time: Feb 16 02:42:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008690.D

Acq: 15 Feb 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

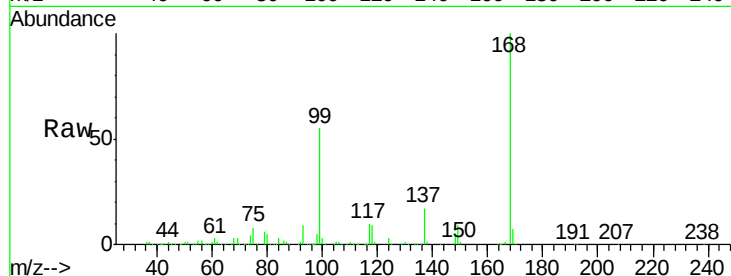
TS-1

Tot Ion:168 Resp: 387809

Ion Ratio Lower Upper

168 100

99 55.2 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

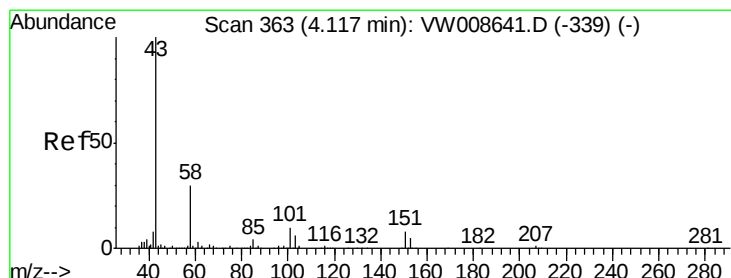
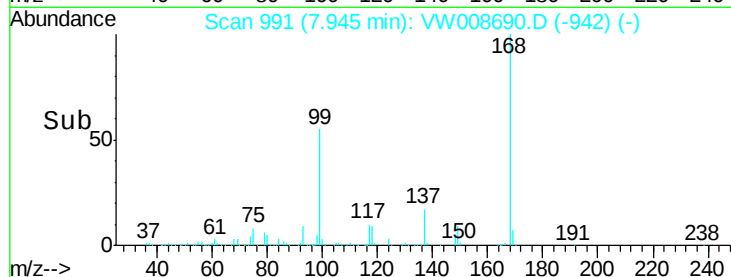
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 29.276 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008690.D

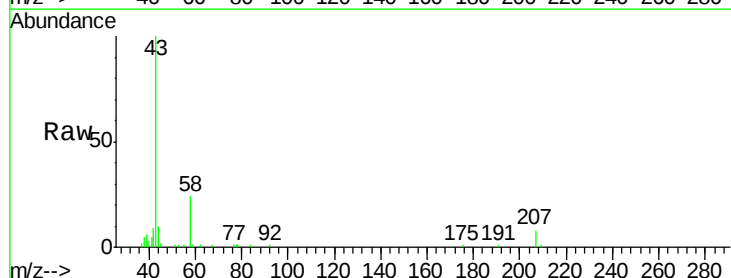
Acq: 15 Feb 2019 17:45

Tgt Ion: 43 Resp: 26860

Ion Ratio Lower Upper

43 100

58 24.1 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

12000

10000

8000

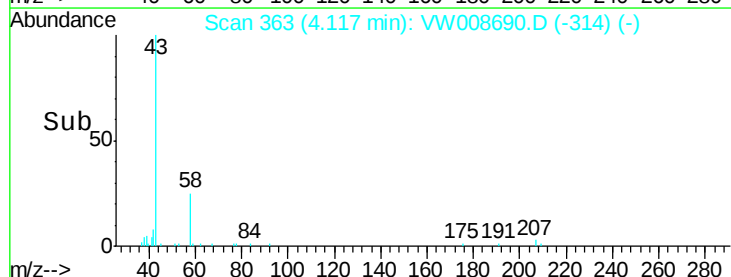
6000

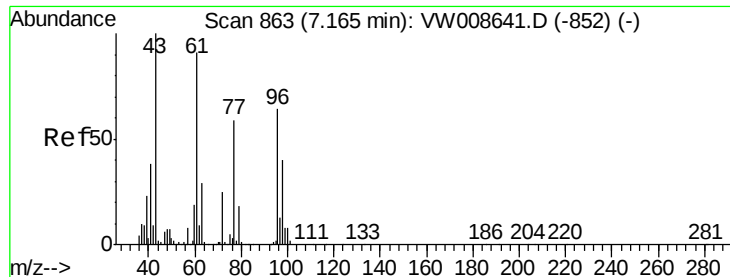
4000

2000

0

Time--> 4.00 4.10 4.20





#25

2-Butanone

Concen: 7.149 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW008690.D

Acq: 15 Feb 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

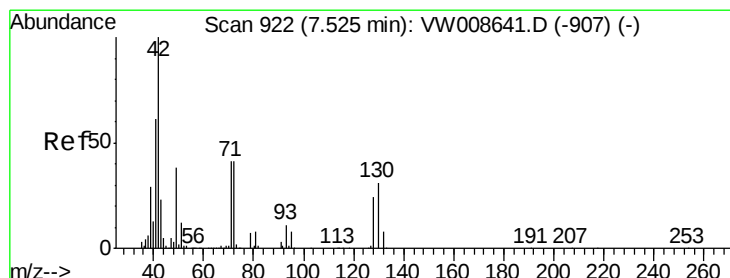
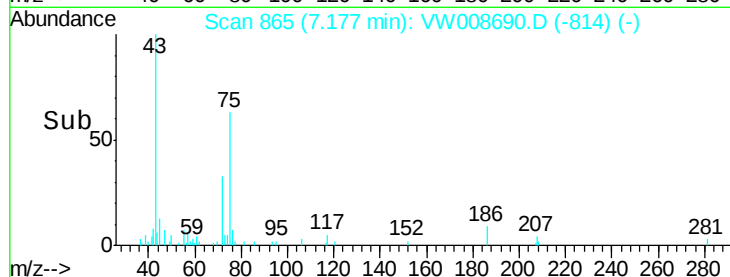
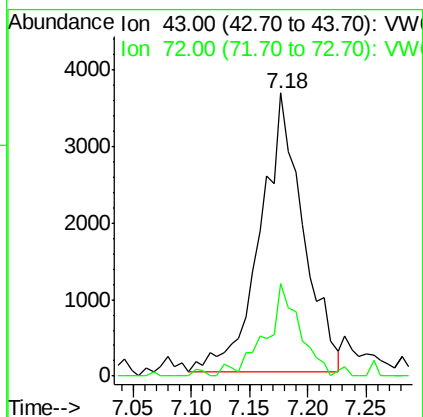
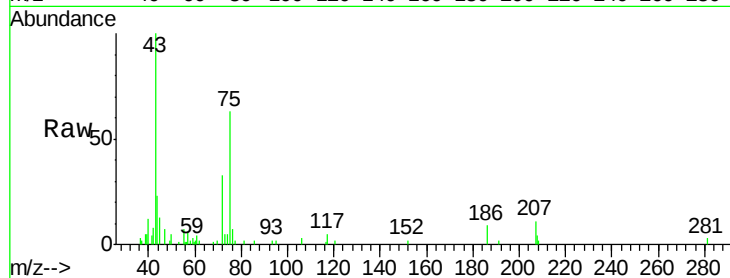
TS-1

Tot Ion: 43 Resp: 9261

Ion Ratio Lower Upper

43 100

72 33.2 19.7 29.5#



#29

Tetrahydrofuran

Concen: 7.010 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW008690.D

Acq: 15 Feb 2019 17:45

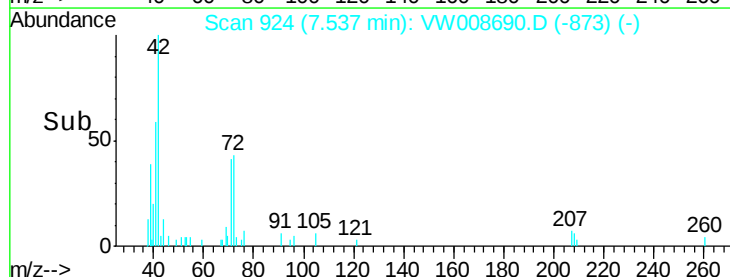
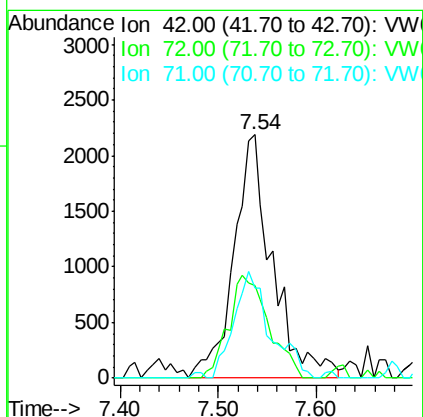
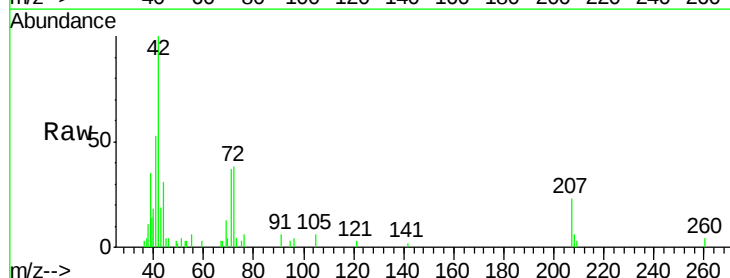
Tgt Ion: 42 Resp: 5986

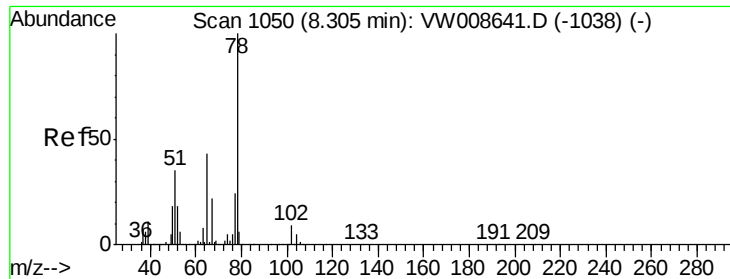
Ion Ratio Lower Upper

42 100

72 44.3 32.2 48.2

71 41.3 31.0 46.6





#33

1,2-Dichloroethane-d4

Concen: 54.335 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008690.D

Acq: 15 Feb 2019 17:45

Instrument :

MSVOA_W

ClientSampled :

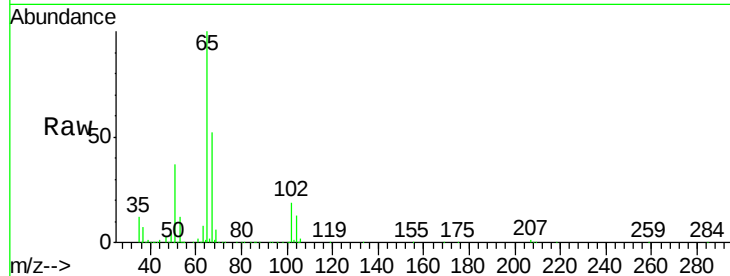
TS-1

Tot Ion: 65 Resp: 219066

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

100000

80000

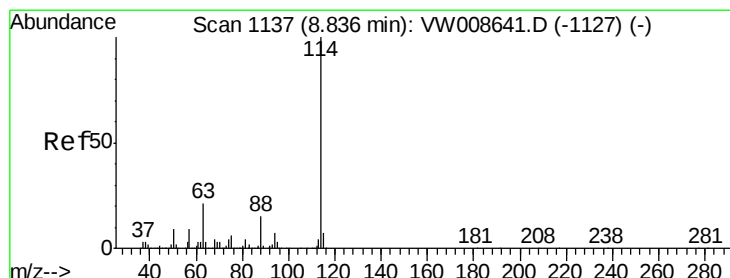
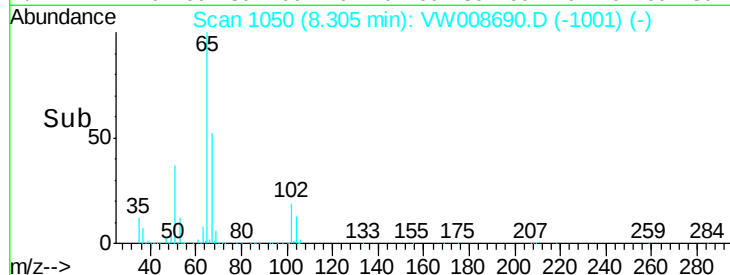
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VW008690.D

Acq: 15 Feb 2019 17:45

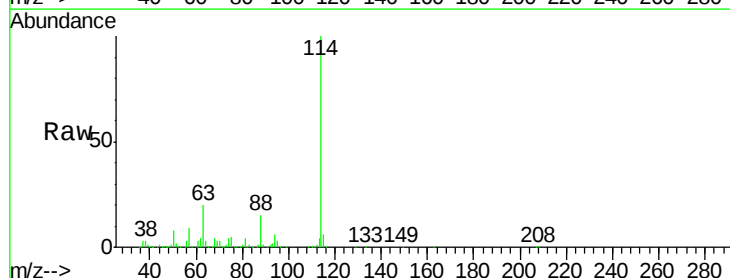
Tgt Ion: 114 Resp: 581635

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.2

88 14.7 0.0 29.6



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

8.84

400000

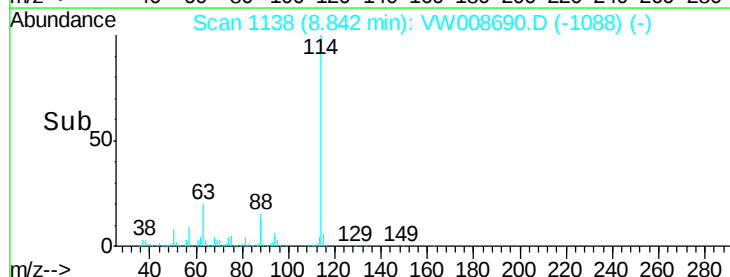
300000

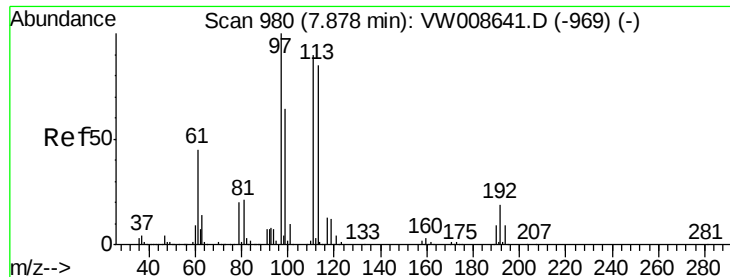
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.647 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW008690.D

Acq: 15 Feb 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

TS-1

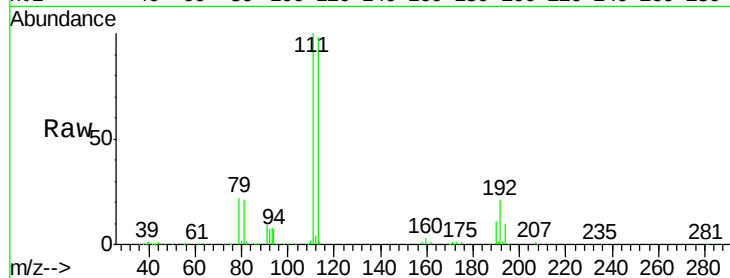
Tot Ion:113 Resp: 182915

Ion Ratio Lower Upper

113 100

111 102.6 84.0 126.0

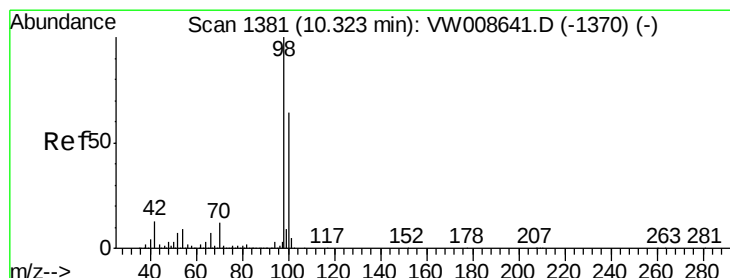
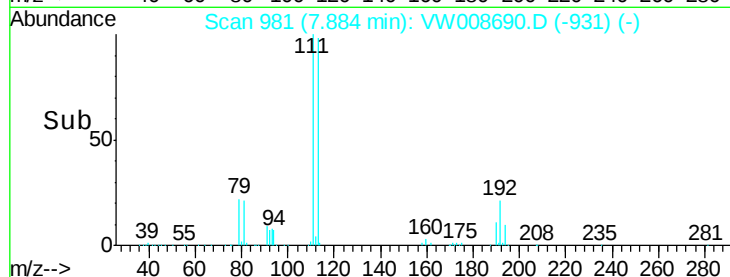
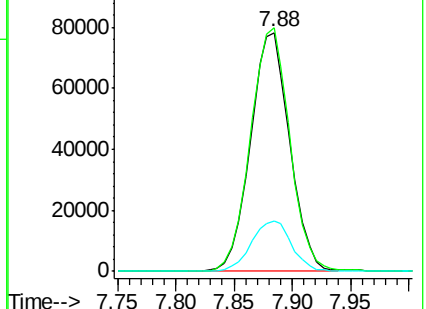
192 21.6 17.4 26.2



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: 49.972 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008690.D

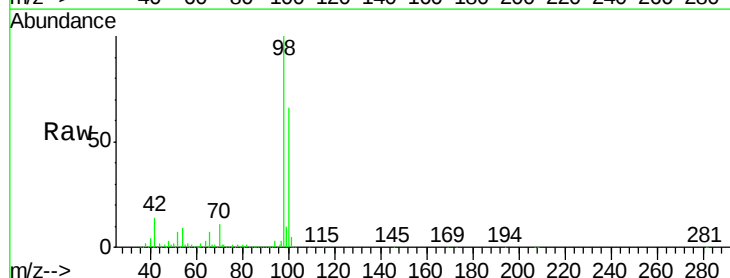
Acq: 15 Feb 2019 17:45

Tgt Ion: 98 Resp: 695718

Ion Ratio Lower Upper

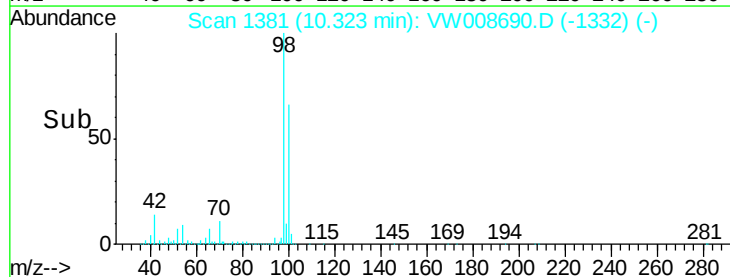
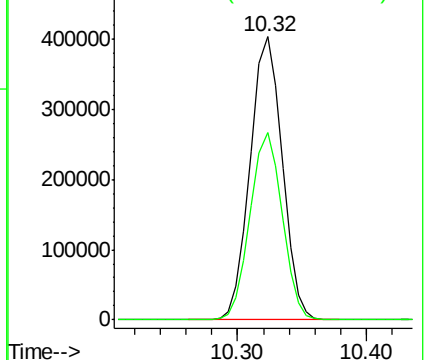
98 100

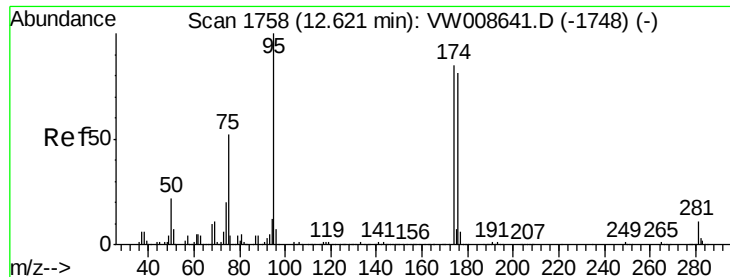
100 66.3 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 48.036 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008690.D

Acq: 15 Feb 2019 17:45

Instrument :

MSVOA_W

ClientSampled :

TS-1

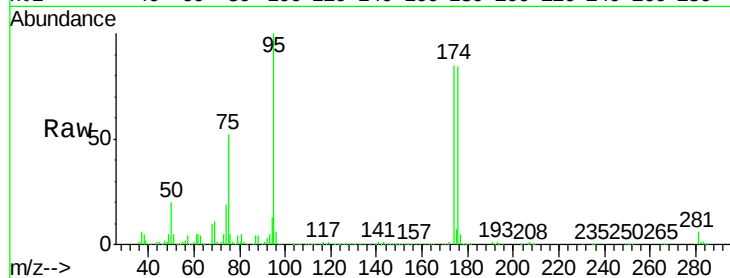
Tot Ion: 95 Resp: 251905

Ion Ratio Lower Upper

95 100

174 85.2 0.0 163.2

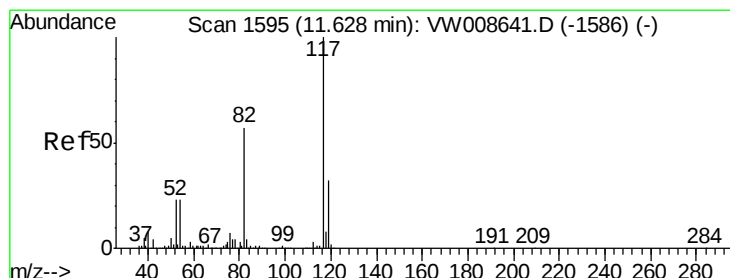
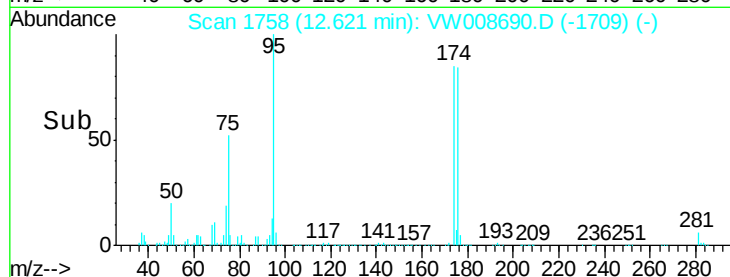
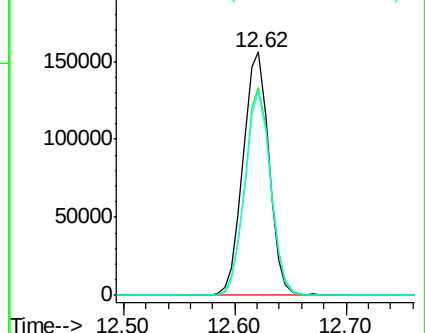
176 83.1 0.0 158.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.01 min

Lab File: VW008690.D

Acq: 15 Feb 2019 17:45

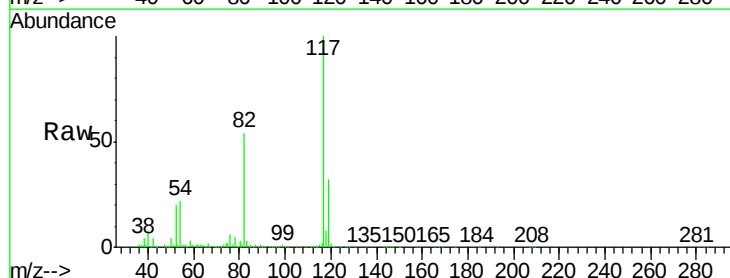
Tgt Ion: 117 Resp: 524597

Ion Ratio Lower Upper

117 100

82 54.1 45.6 68.4

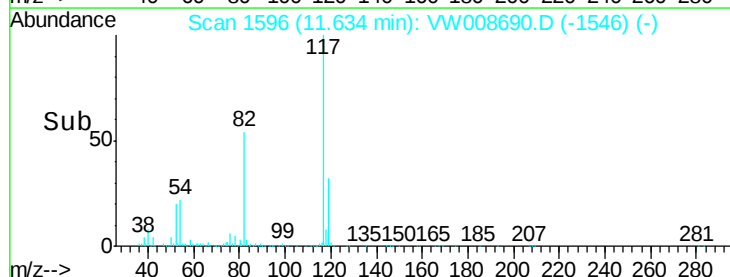
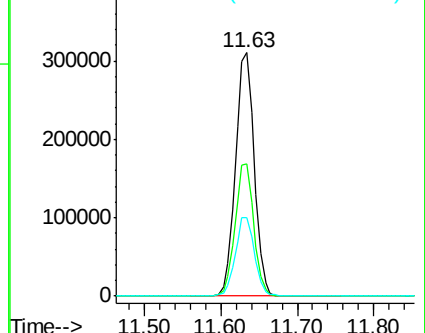
119 32.3 25.7 38.5

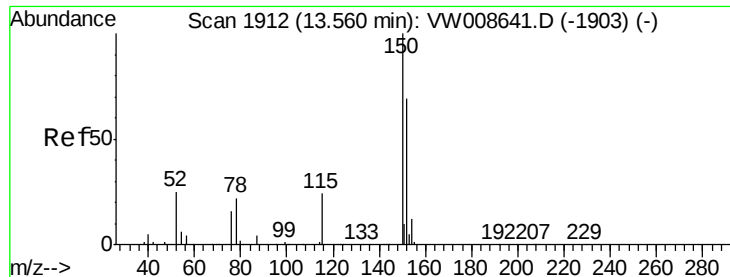


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008690.D

Acq: 15 Feb 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

TS-1

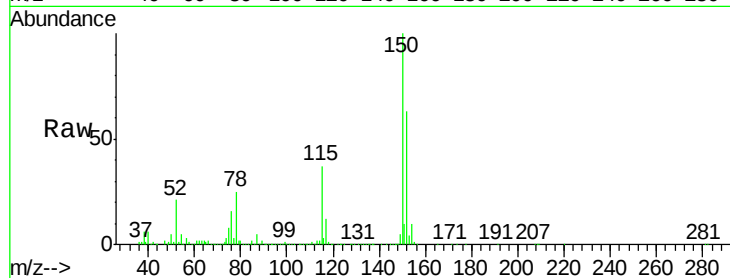
Tot Ion:152 Resp: 265249

Ion Ratio Lower Upper

152 100

115 57.5 29.3 87.8

150 156.5 0.0 352.8



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

