

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW033119\
 Data File : VW009615.D
 Acq On : 31 Mar 2019 17:15
 Operator : SY/VA
 Sample : K2132-04
 Misc : 6.64G/5.0ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-036-B

Quant Time: Apr 01 05:40:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

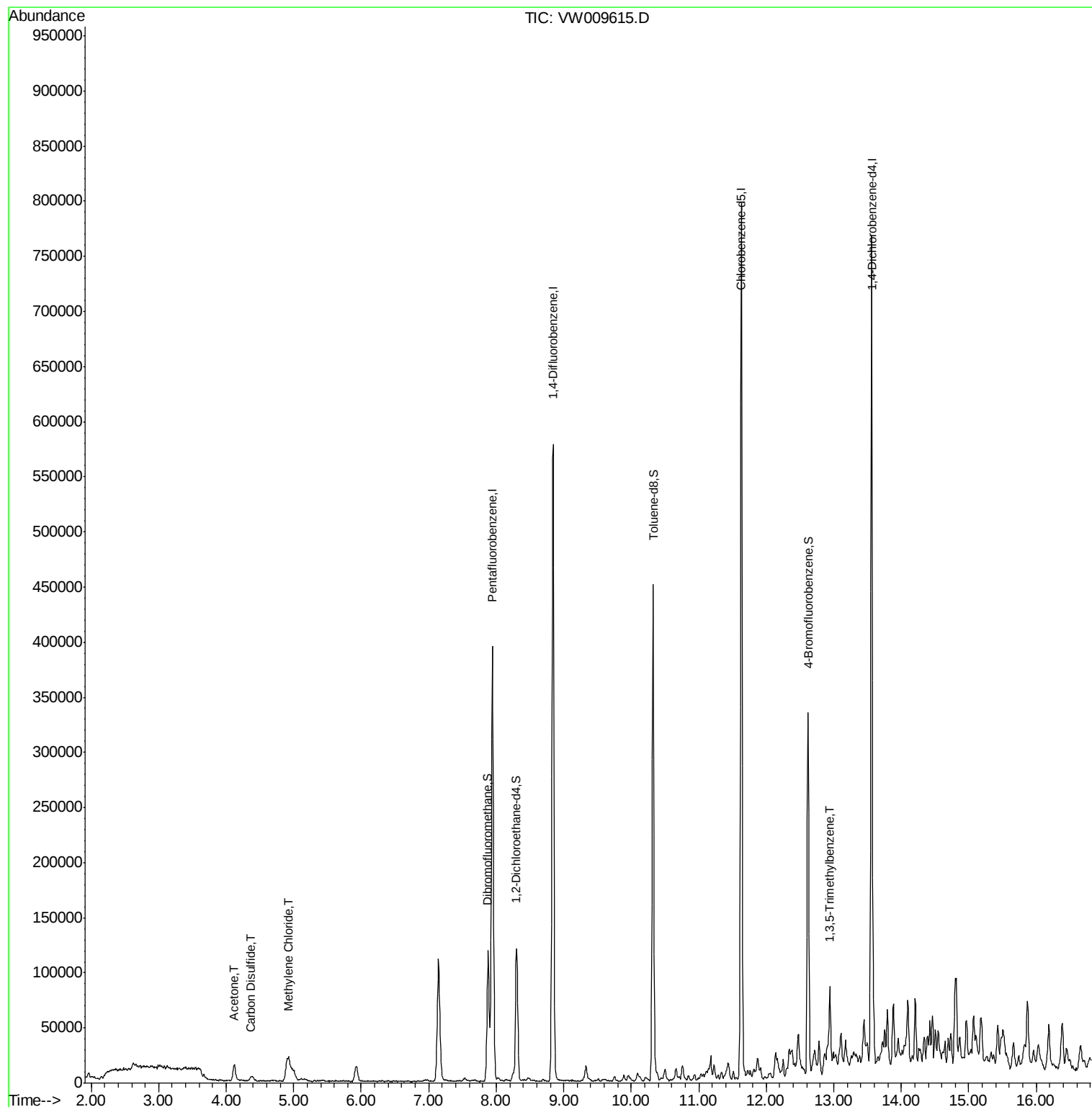
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	275169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	452507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	408231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	178238	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	98089	31.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.34%	
35) Dibromofluoromethane	7.88	113	79995	28.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.30%	
50) Toluene-d8	10.32	98	272353	25.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.86%	
62) 4-Bromofluorobenzene	12.62	95	90034	22.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	45.94%	
Target Compounds						
16) Acetone	4.12	43	27364	38.678	ug/l	93
17) Carbon Disulfide	4.37	76	9202	1.218	ug/l #	92
20) Methylene Chloride	4.92	84	22803	4.702	ug/l	94
80) 1,3,5-Trimethylbenzene	12.94	105	20548	1.967	ug/l	93

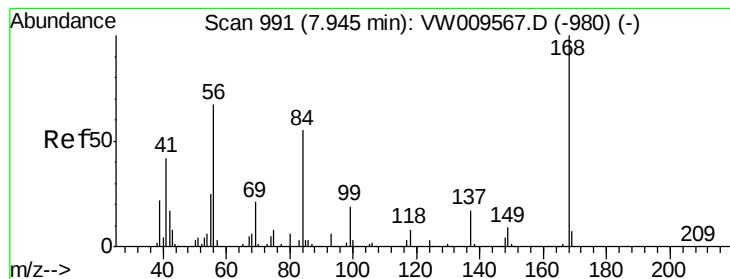
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW009615.D

Acq: 31 Mar 2019 17:15

Instrument :

MSVOA_W

ClientSampleId :

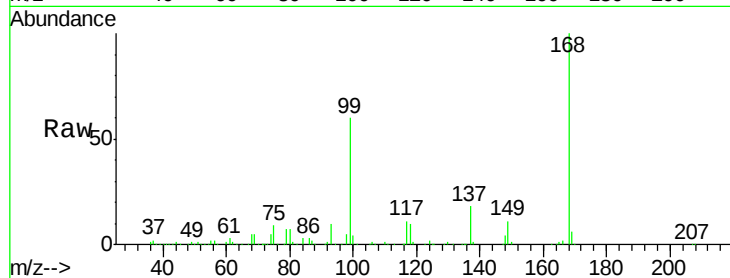
FK-GF-02-036-B

Tot Ion:168 Resp: 275169

Ion Ratio Lower Upper

168 100

99 59.9 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

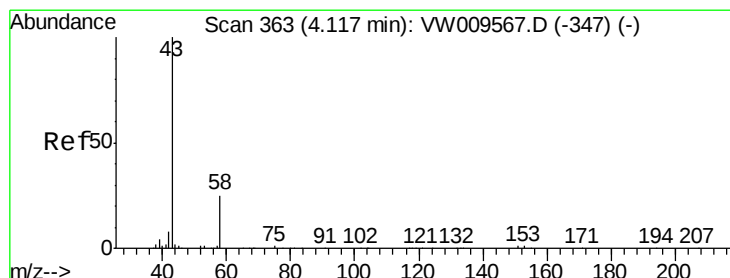
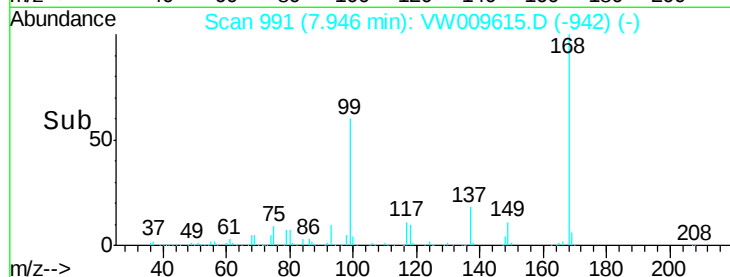
100000

50000

0

Time-->

7.80 7.90 8.00 8.10



#16

Acetone

Concen: 38.678 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009615.D

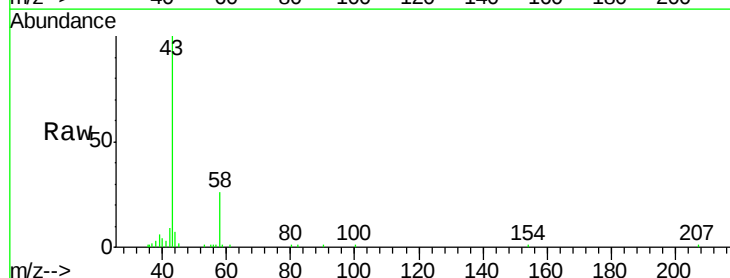
Acq: 31 Mar 2019 17:15

Tgt Ion: 43 Resp: 27364

Ion Ratio Lower Upper

43 100

58 25.7 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

10000

8000

6000

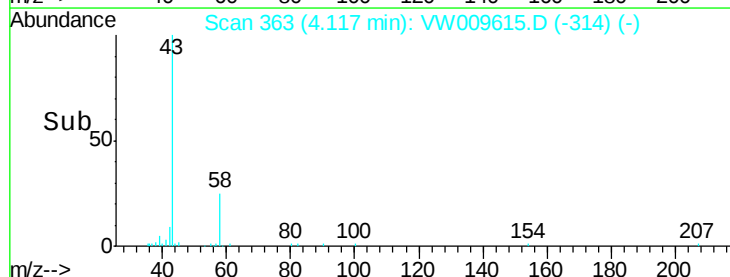
4000

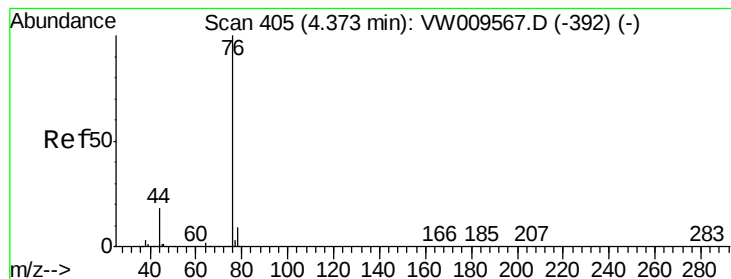
2000

0

Time-->

4.00 4.10 4.20





#17

Carbon Disulfide

Concen: 1.218 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW009615.D

Acq: 31 Mar 2019 17:15

Instrument :

MSVOA_W

ClientSampleId :

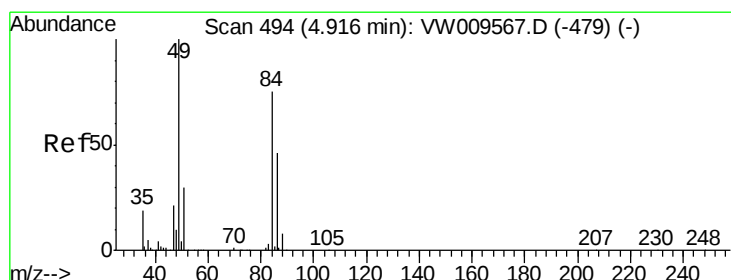
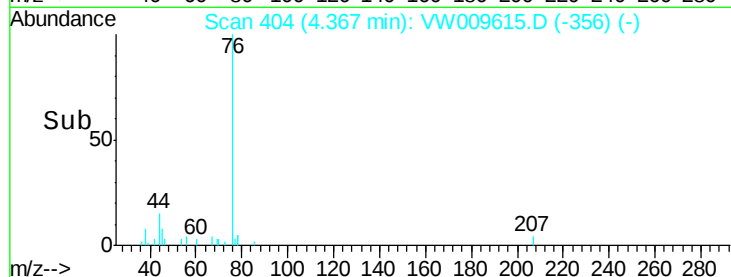
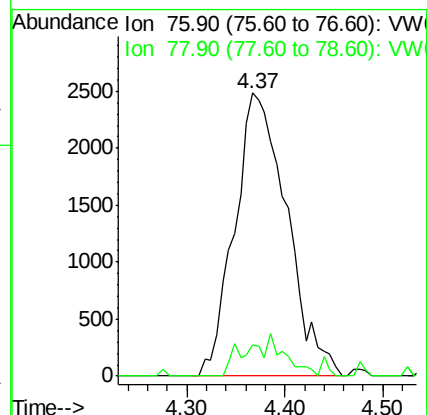
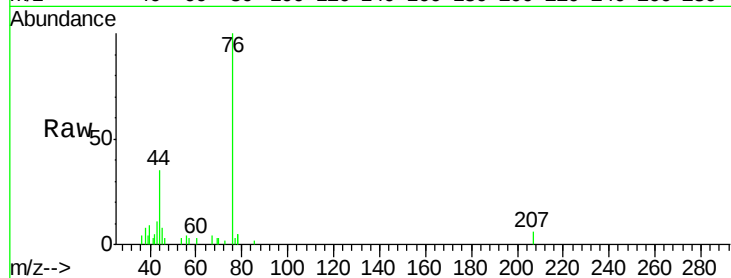
FK-GF-02-036-B

Tot Ion: 76 Resp: 9202

Ion Ratio Lower Upper

76 100

78 10.9 6.6 9.8#



#20

Methylene Chloride

Concen: 4.702 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW009615.D

Acq: 31 Mar 2019 17:15

Tgt Ion: 84 Resp: 22803

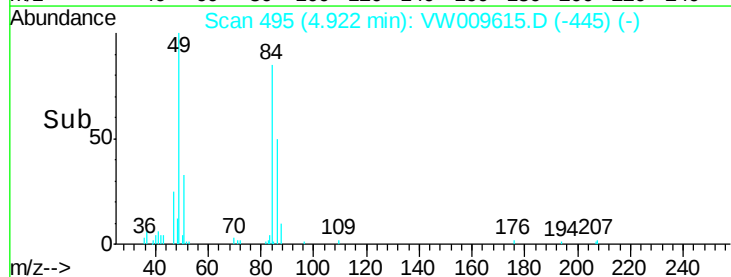
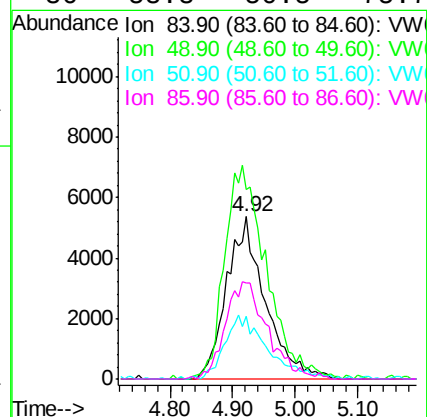
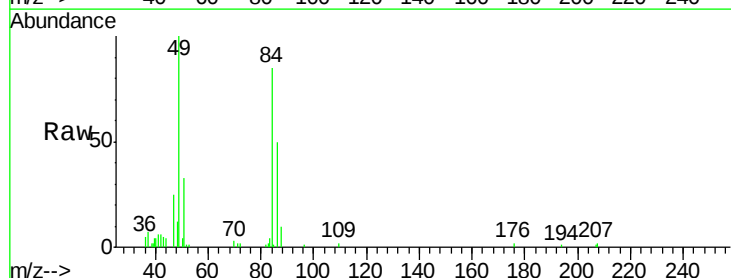
Ion Ratio Lower Upper

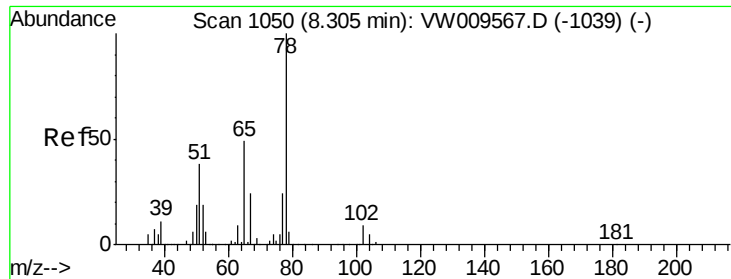
84 100

49 117.0 99.1 148.7

51 39.0 28.7 43.1

86 58.8 50.5 75.7





#33

1,2-Dichloroethane-d4

Concen: 31.172 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009615.D

Acq: 31 Mar 2019 17:15

Instrument :

MSVOA_W

ClientSampleId :

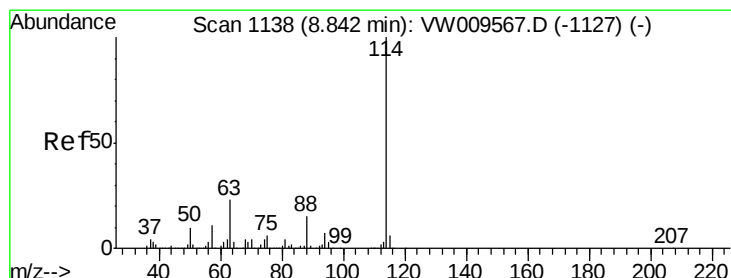
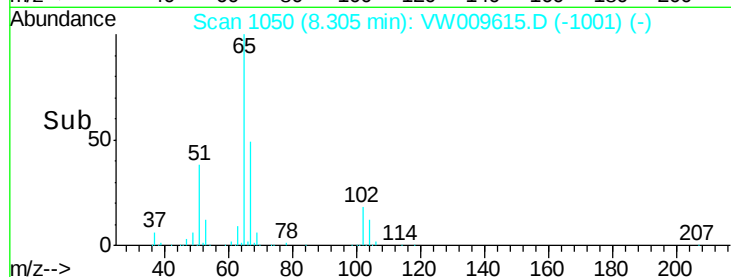
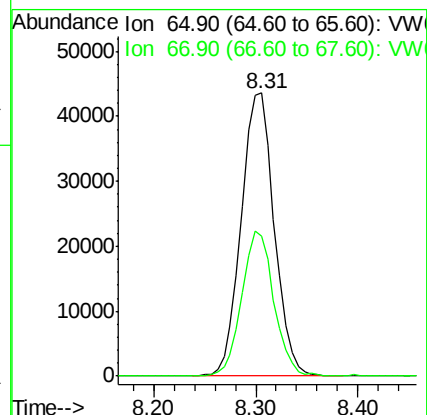
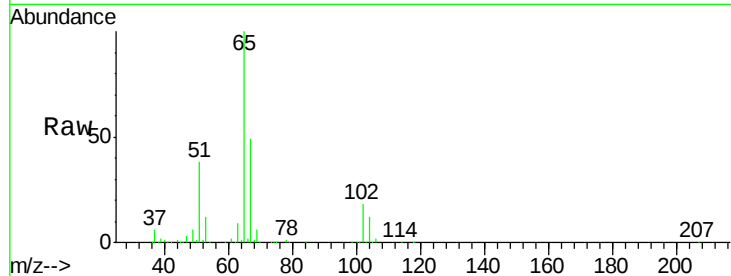
FK-GF-02-036-B

Tot Ion: 65 Resp: 98089

Ion Ratio Lower Upper

65 100

67 49.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW009615.D

Acq: 31 Mar 2019 17:15

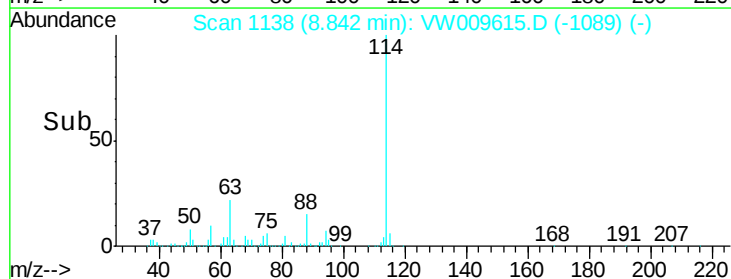
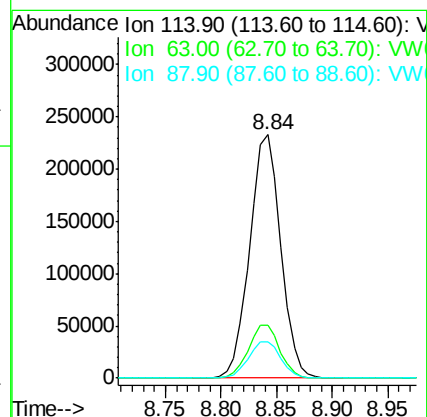
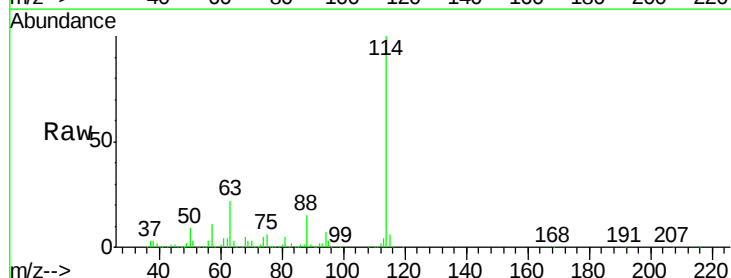
Tgt Ion: 114 Resp: 452507

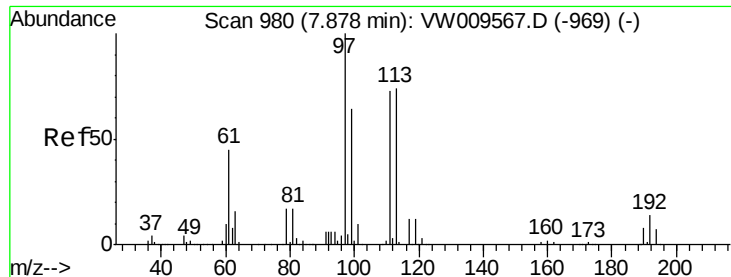
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.2

88 15.1 0.0 30.8

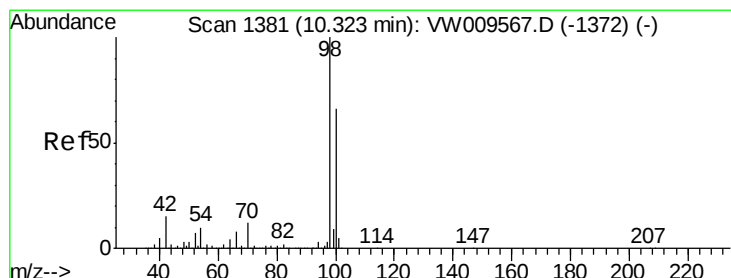
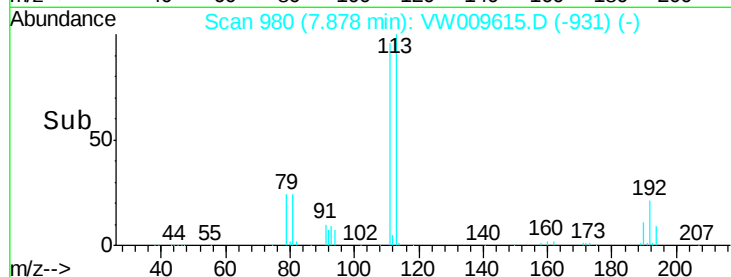
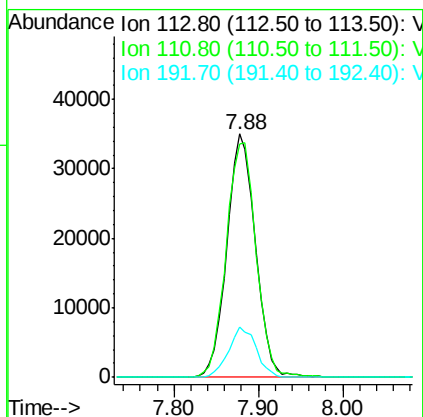
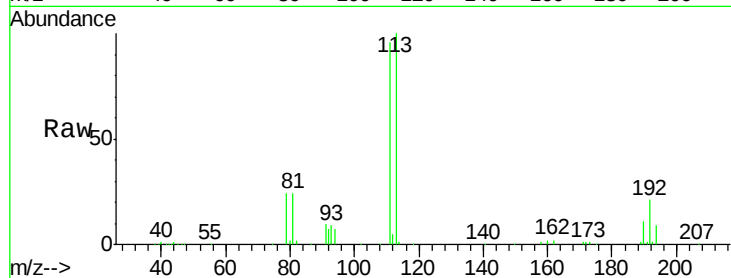




#35
Dibromofluoromethane
Concen: 28.146 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW009615.D
Acq: 31 Mar 2019 17:15

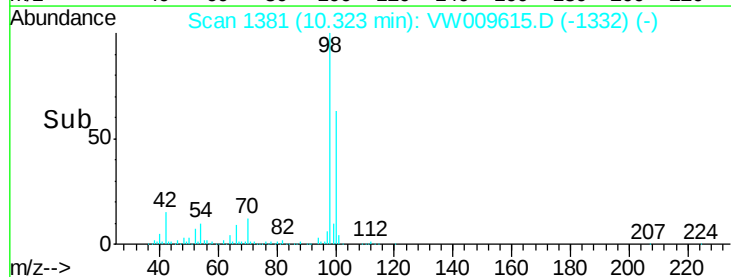
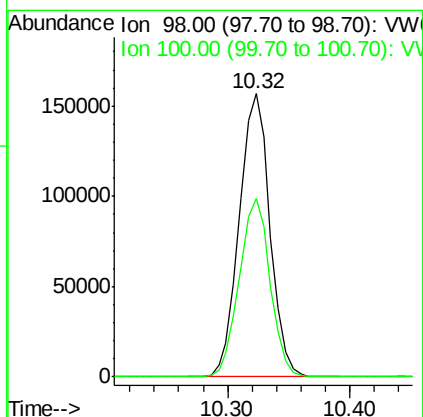
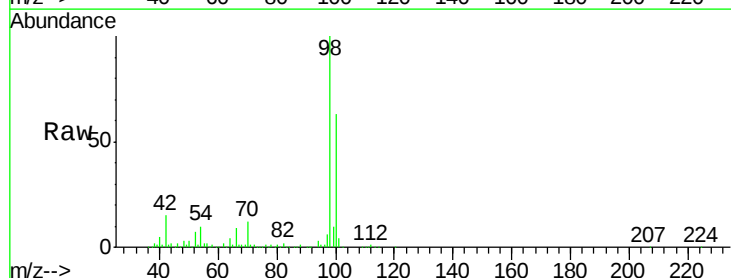
Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-036-B

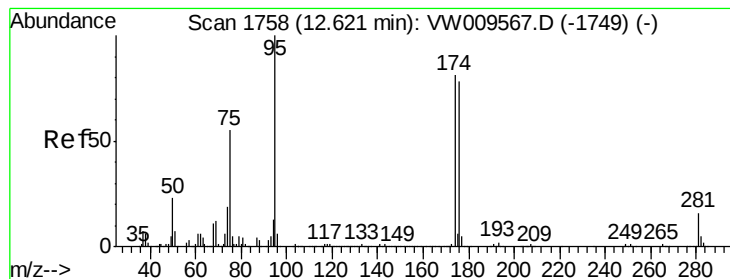
Tot Ion:113 Resp: 79995
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 20.0 16.4 24.6



#50
Toluene-d8
Concen: 25.927 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW009615.D
Acq: 31 Mar 2019 17:15

Tgt Ion: 98 Resp: 272353
Ion Ratio Lower Upper
98 100
100 63.2 52.6 79.0





#62

4-Bromofluorobenzene

Concen: 22.975 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009615.D

Acq: 31 Mar 2019 17:15

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-036-B

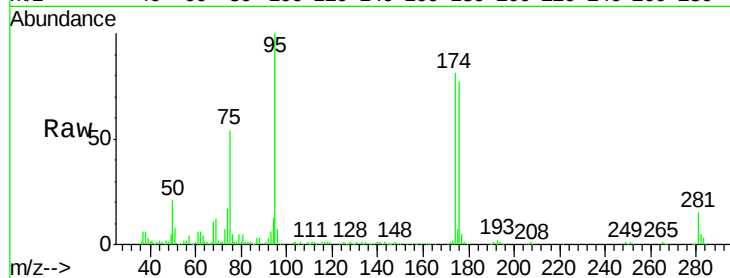
Tot Ion: 95 Resp: 90034

Ion Ratio Lower Upper

95 100

174 82.7 0.0 168.4

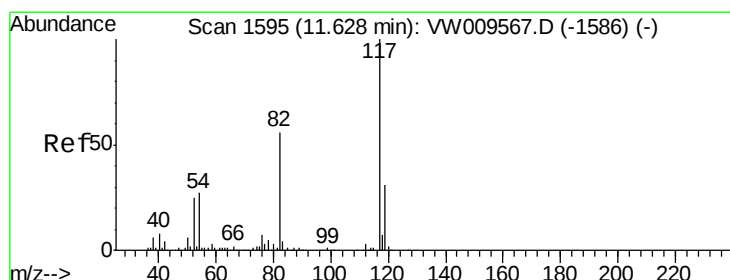
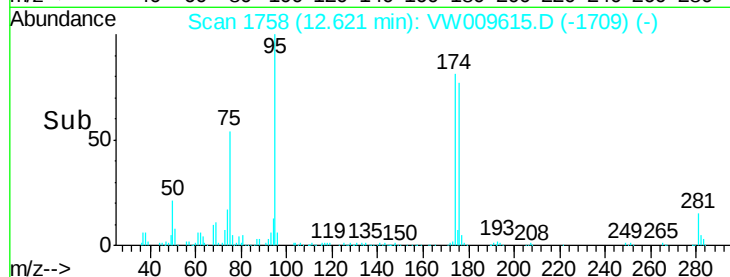
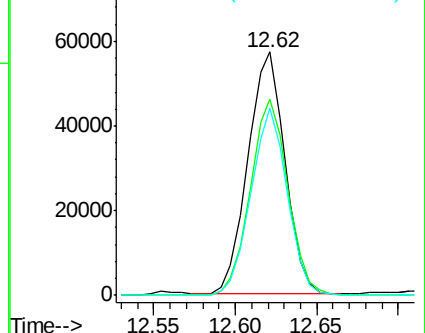
176 76.3 0.0 161.6



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# 1595

Delta R.T. 0.00 min

Lab File: VW009615.D

Acq: 31 Mar 2019 17:15

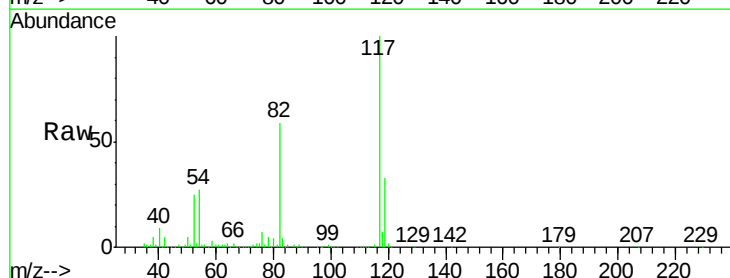
Tgt Ion: 117 Resp: 408231

Ion Ratio Lower Upper

117 100

82 59.0 43.6 65.4

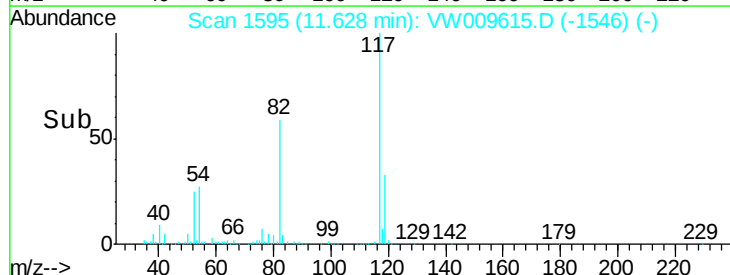
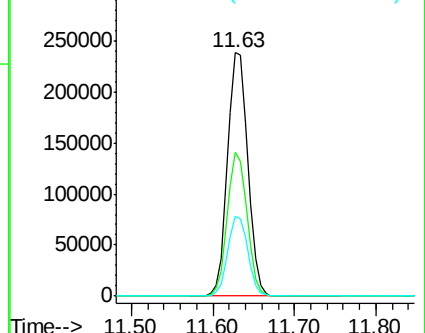
119 32.5 26.0 39.0

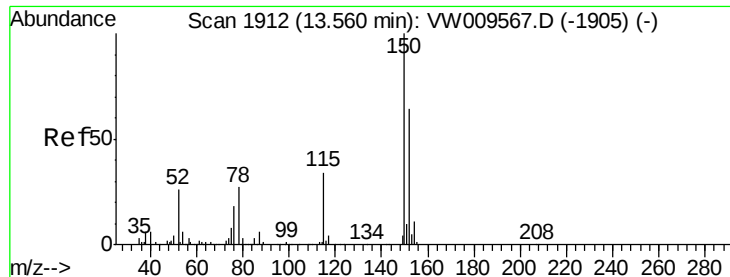


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW009615.D

Acq: 31 Mar 2019 17:15

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-036-B

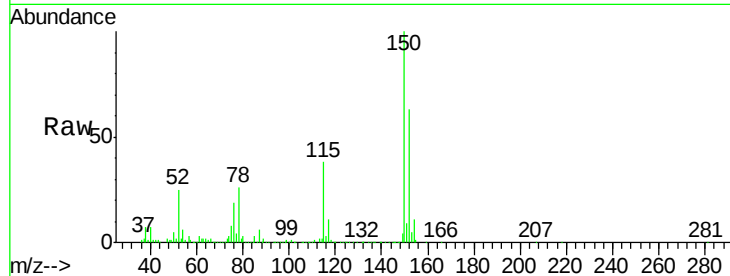
Tot Ion:152 Resp: 178238

Ion Ratio Lower Upper

152 100

115 59.5 29.6 88.8

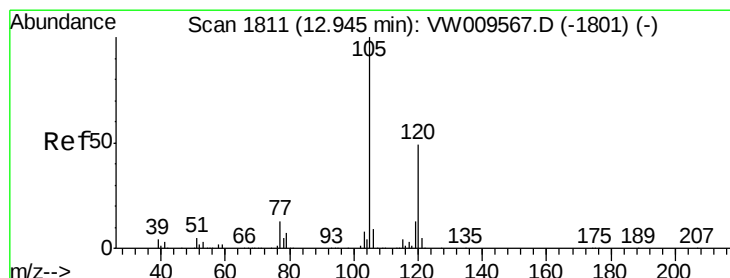
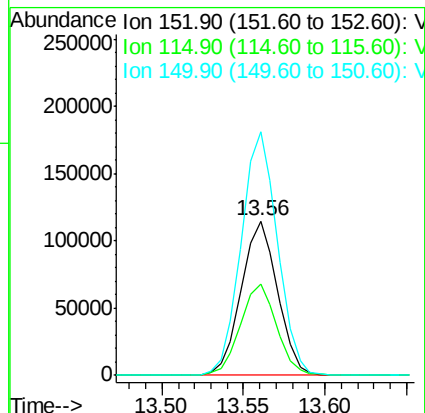
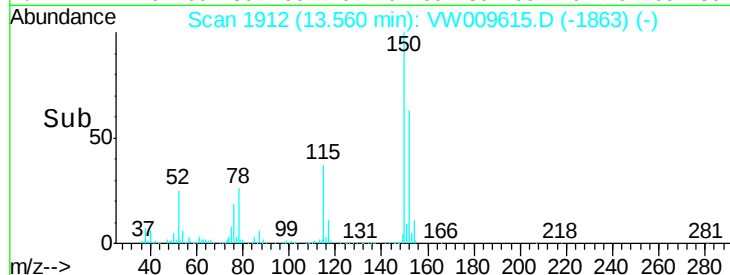
150 157.8 0.0 349.2



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



#80

1,3,5-Trimethylbenzene

Concen: 1.967 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW009615.D

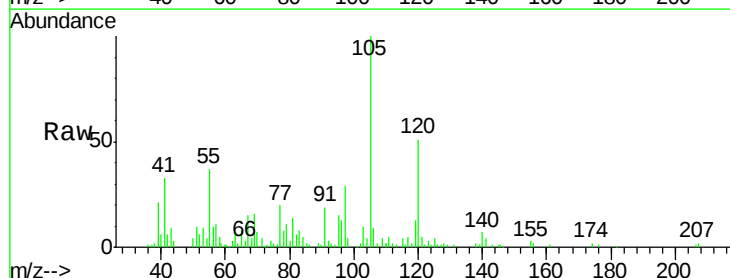
Acq: 31 Mar 2019 17:15

Tgt Ion:105 Resp: 20548

Ion Ratio Lower Upper

105 100

120 44.8 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

