

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030219\
 Data File : VW008956.D
 Acq On : 02 Mar 2019 08:13
 Operator : SY/VA
 Sample : K1670-02
 Misc : 6.26G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-032-A

Quant Time: Mar 04 00:51:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

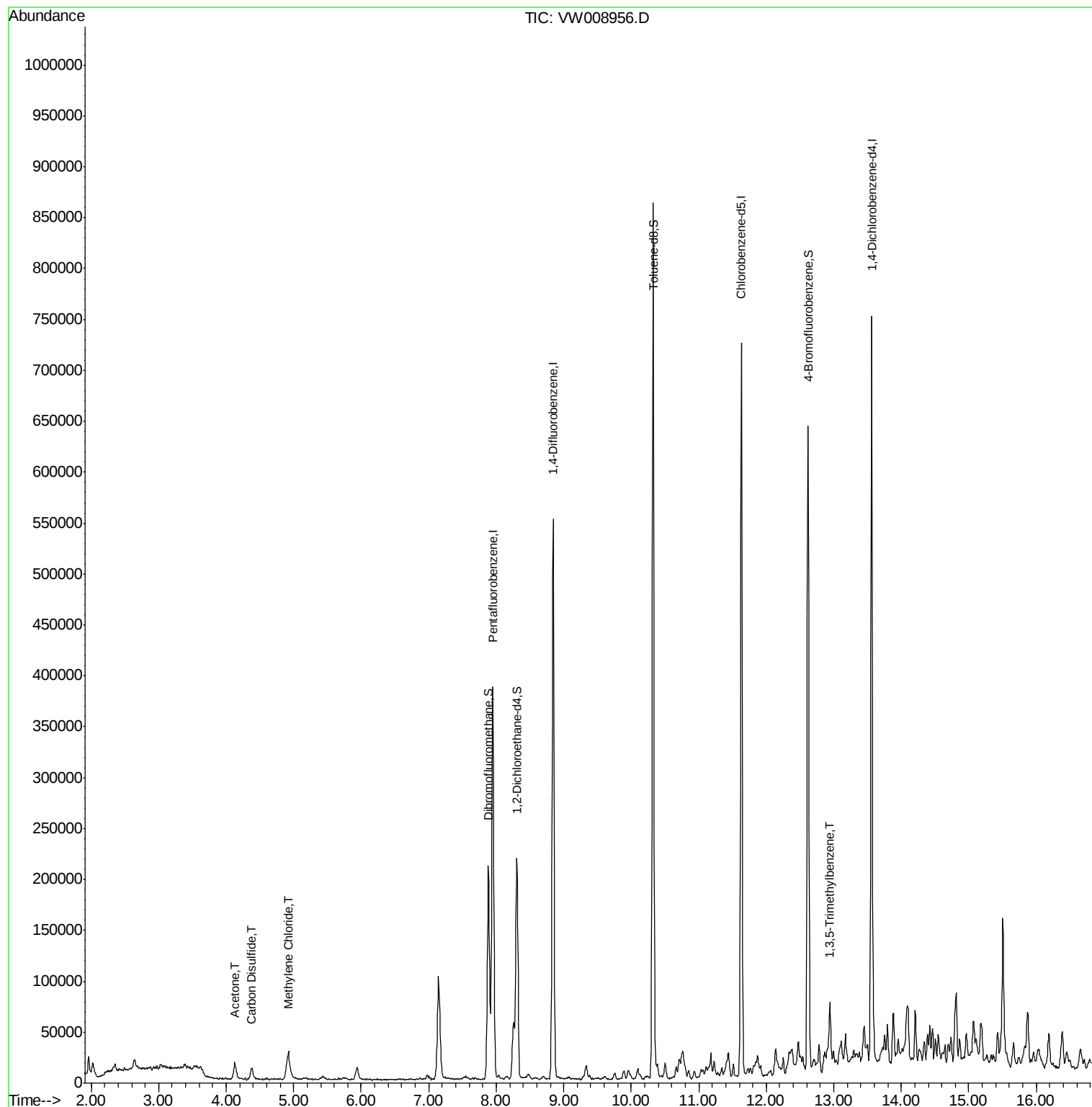
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	285642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	444392	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	392344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	183015	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	164094	61.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.50%	
35) Dibromofluoromethane	7.88	113	141403	53.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.00%	
50) Toluene-d8	10.32	98	528364	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	12.62	95	181603	45.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.06%	
Target Compounds						
16) Acetone	4.13	43	27425	44.164	ug/l	95
17) Carbon Disulfide	4.37	76	19646	2.368	ug/l	99
20) Methylene Chloride	4.91	84	19543	1.425	ug/l	91
80) 1,3,5-Trimethylbenzene	12.94	105	15110	1.386	ug/l	97

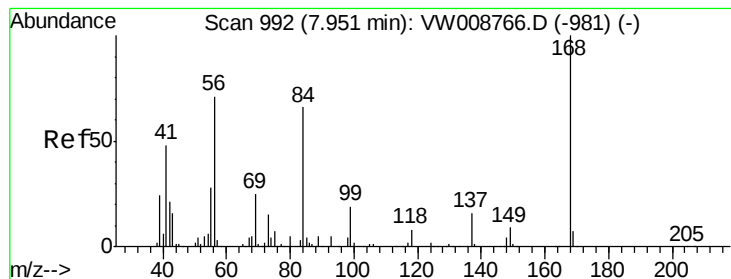
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008956.D

Acq: 02 Mar 2019 08:13

Instrument :

MSVOA_W

ClientSampleId :

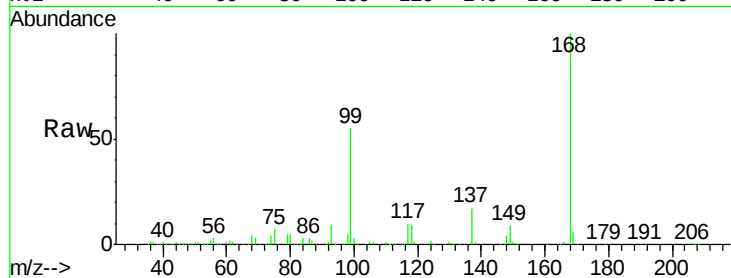
FK-GF-02-032-A

Tot Ion:168 Resp: 285642

Ion Ratio Lower Upper

168 100

99 54.8 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

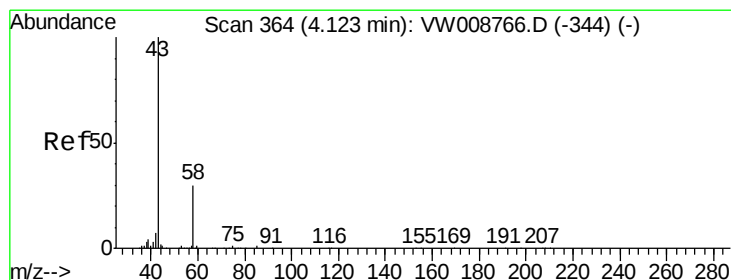
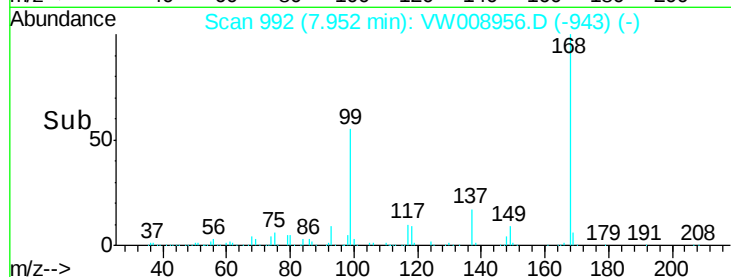
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 44.164 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008956.D

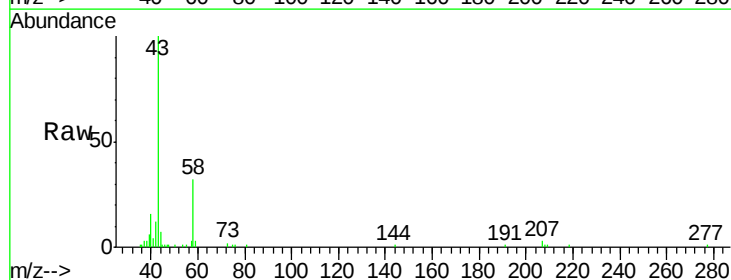
Acq: 02 Mar 2019 08:13

Tgt Ion: 43 Resp: 27425

Ion Ratio Lower Upper

43 100

58 32.4 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

12000

10000

8000

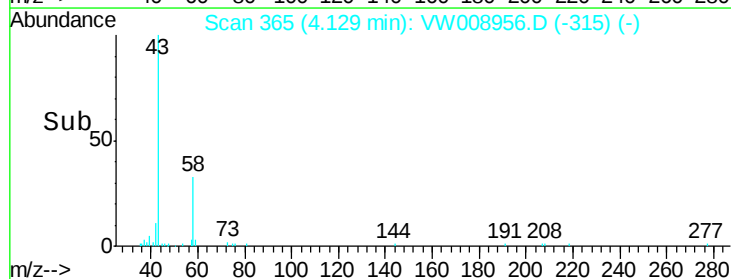
6000

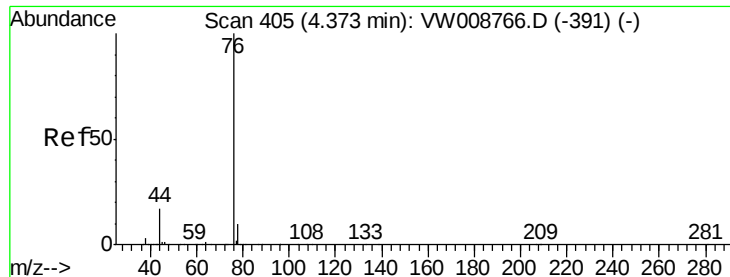
4000

2000

0

Time--> 4.00 4.05 4.10 4.15 4.20





#17

Carbon Disulfide

Concen: 2.368 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW008956.D

Acq: 02 Mar 2019 08:13

Instrument :

MSVOA_W

ClientSampleId :

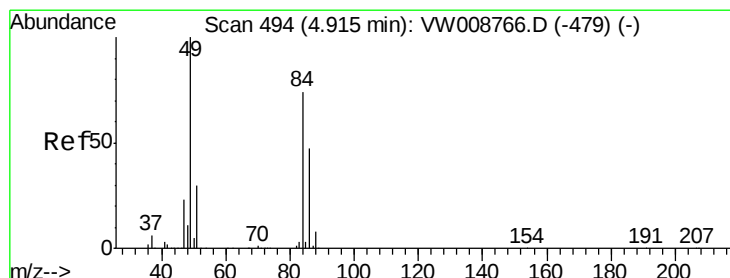
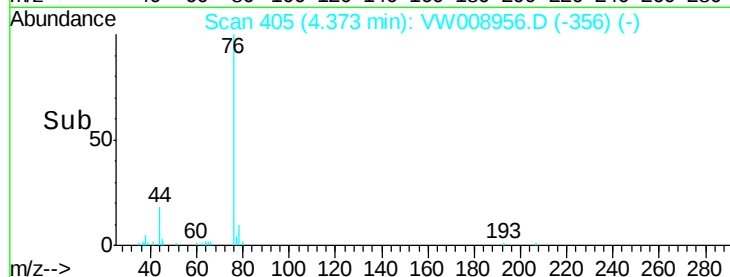
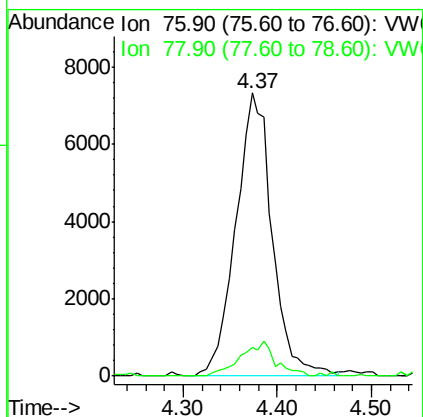
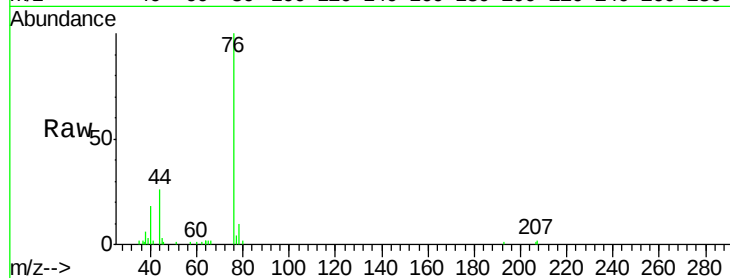
FK-GF-02-032-A

Tot Ion: 76 Resp: 19646

Ion Ratio Lower Upper

76 100

78 10.1 7.8 11.8



#20

Methylene Chloride

Concen: 1.425 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW008956.D

Acq: 02 Mar 2019 08:13

Tgt Ion: 84 Resp: 19543

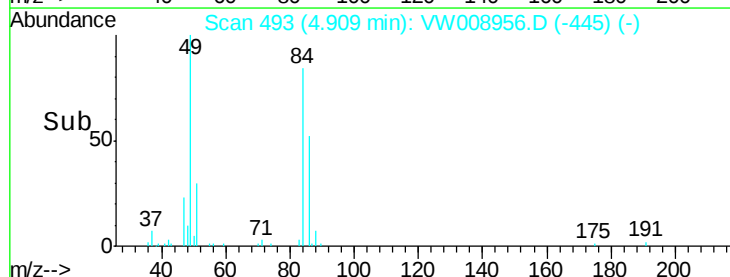
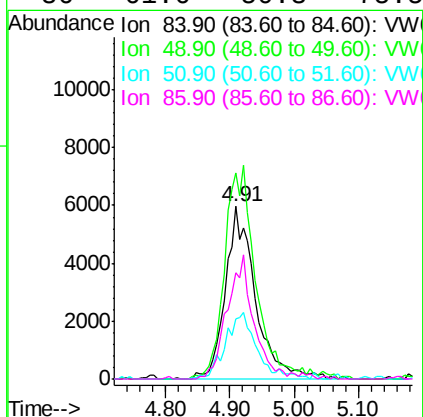
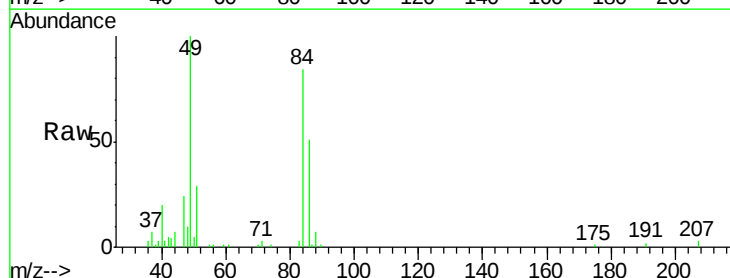
Ion Ratio Lower Upper

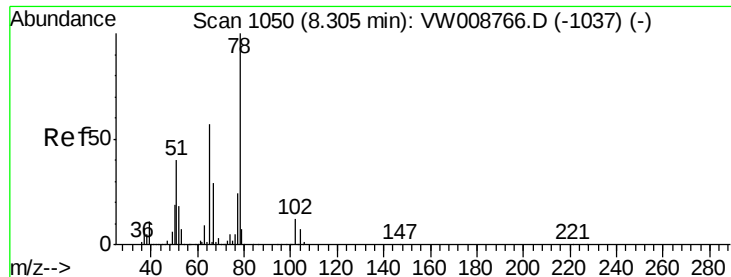
84 100

49 119.6 108.2 162.2

51 35.0 32.7 49.1

86 61.6 50.3 75.5

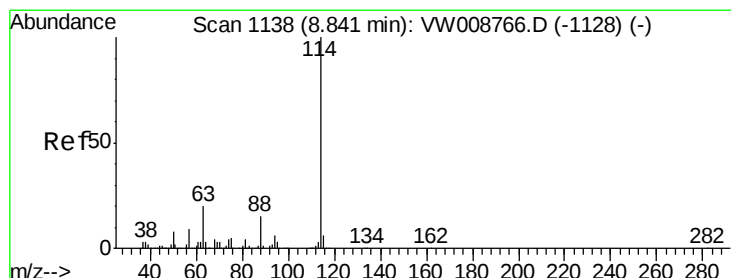
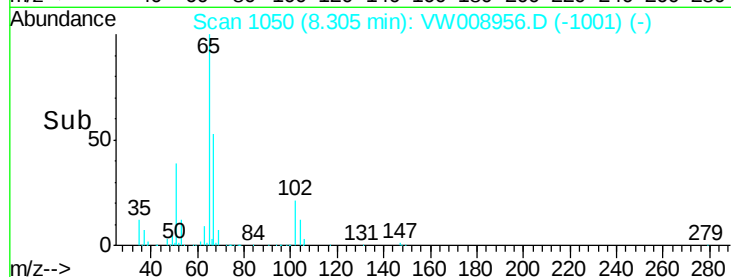
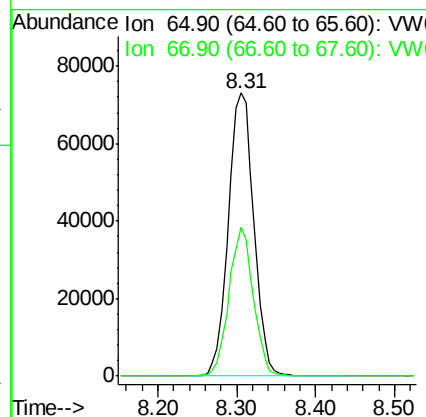
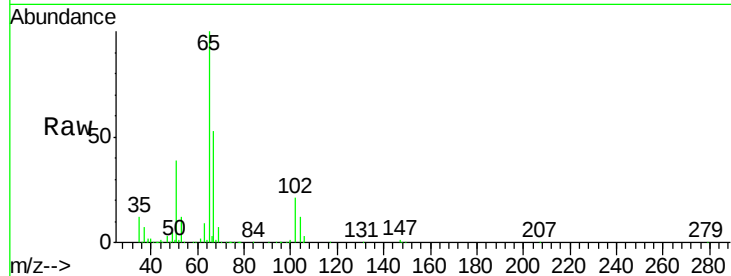




#33
 1,2-Dichloroethane-d4
 Concen: 61.250 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008956.D
 Acq: 02 Mar 2019 08:13

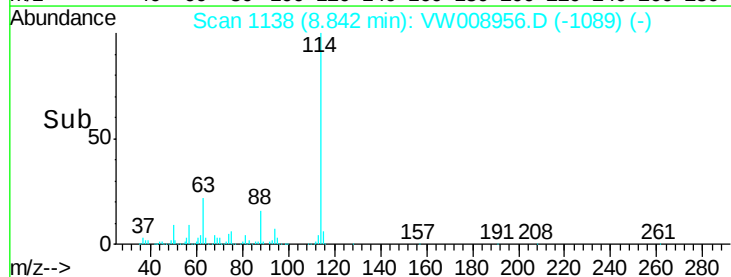
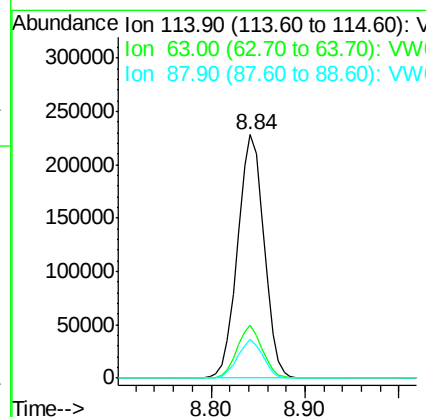
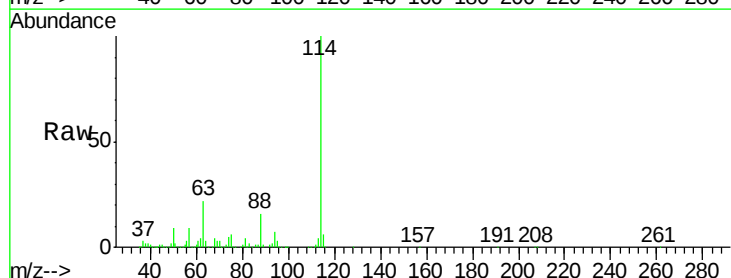
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-032-A

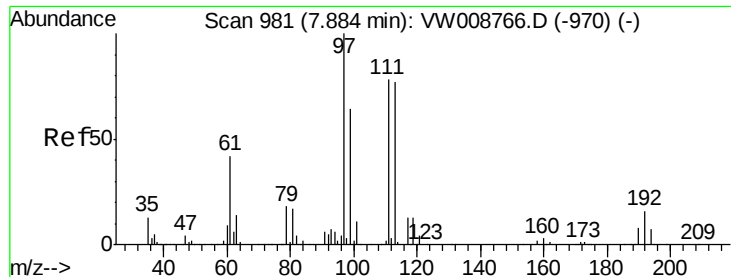
Tot Ion: 65 Resp: 164094
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008956.D
 Acq: 02 Mar 2019 08:13

Tgt Ion: 114 Resp: 444392
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 40.8
 88 15.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.996 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008956.D

Acq: 02 Mar 2019 08:13

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-032-A

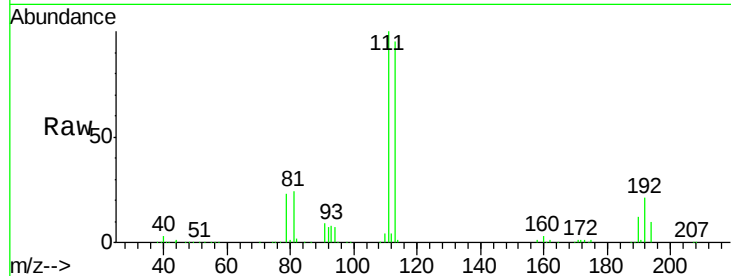
Tot Ion:113 Resp: 141403

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

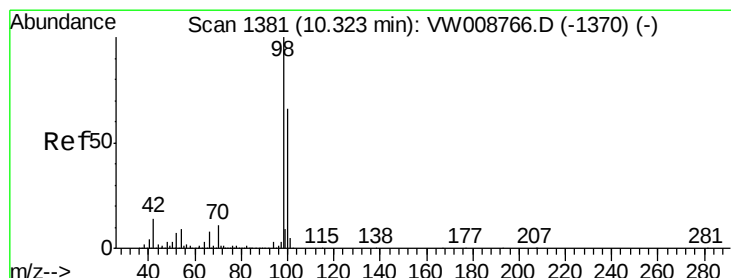
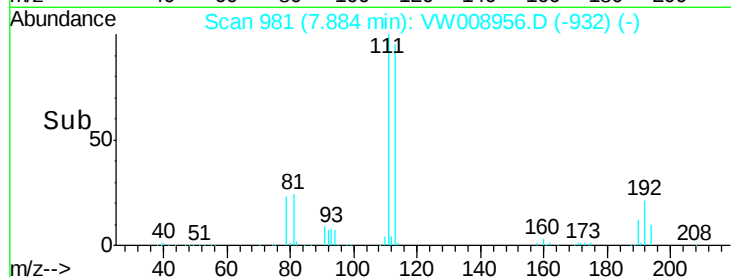
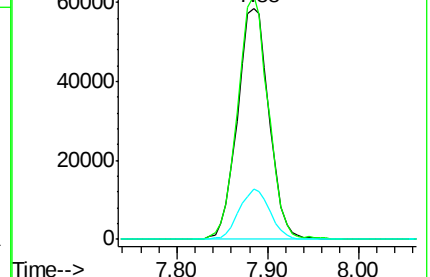
192 21.2 17.1 25.7



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: 51.298 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008956.D

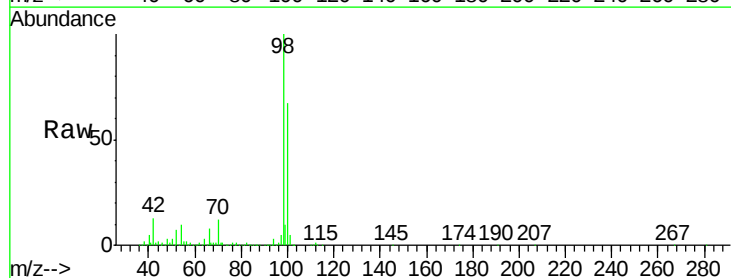
Acq: 02 Mar 2019 08:13

Tgt Ion: 98 Resp: 528364

Ion Ratio Lower Upper

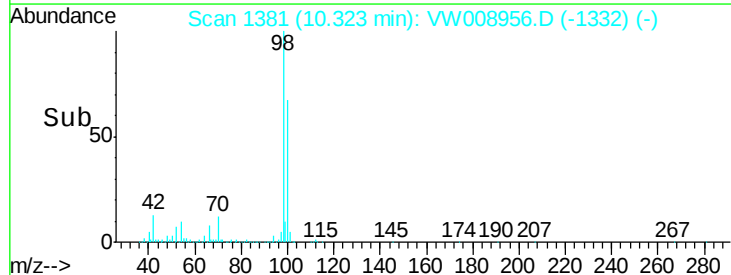
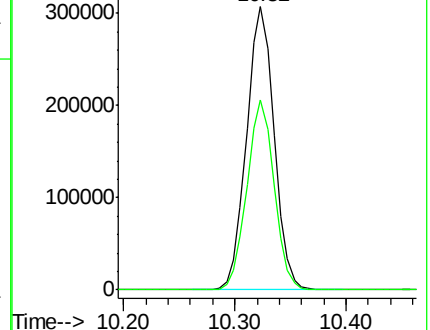
98 100

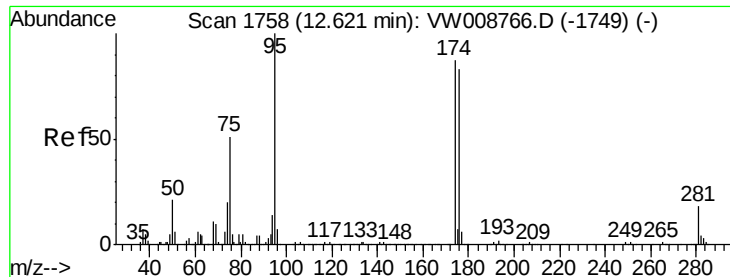
100 66.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

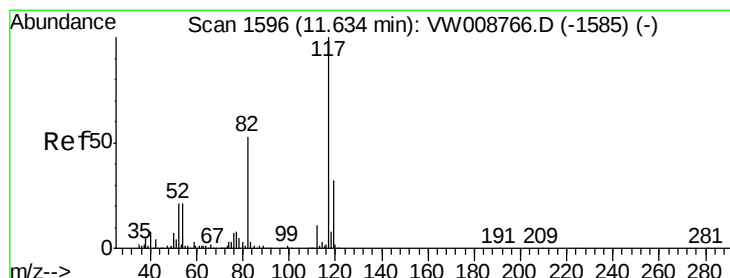
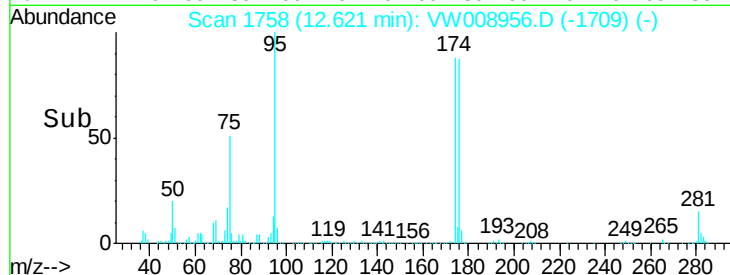
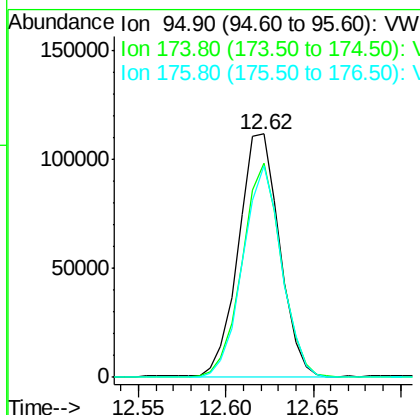
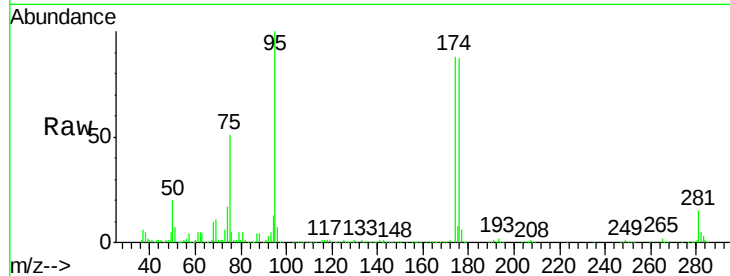




#62
4-Bromofluorobenzene
Concen: 45.031 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008956.D
Acq: 02 Mar 2019 08:13

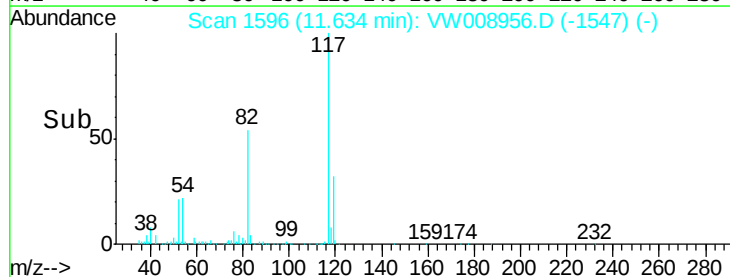
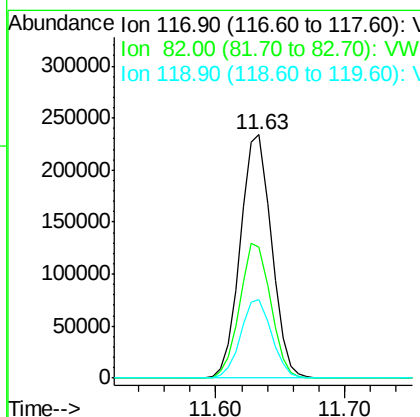
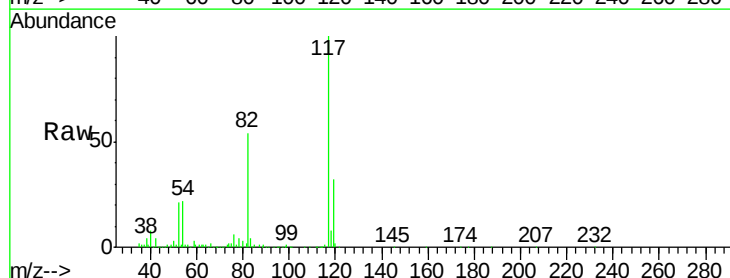
Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-032-A

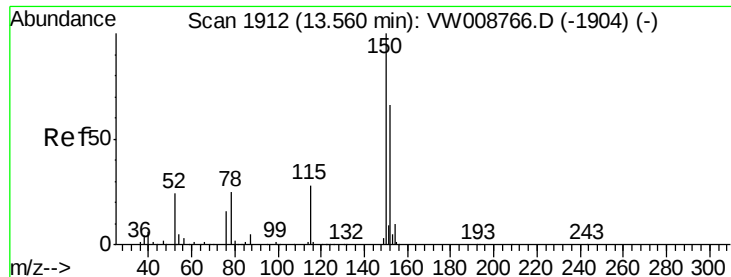
Tot Ion: 95 Resp: 181603
Ion Ratio Lower Upper
95 100
174 84.8 0.0 169.2
176 82.7 0.0 163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008956.D
Acq: 02 Mar 2019 08:13

Tgt Ion: 117 Resp: 392344
Ion Ratio Lower Upper
117 100
82 53.6 42.2 63.4
119 32.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008956.D

Acq: 02 Mar 2019 08:13

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-032-A

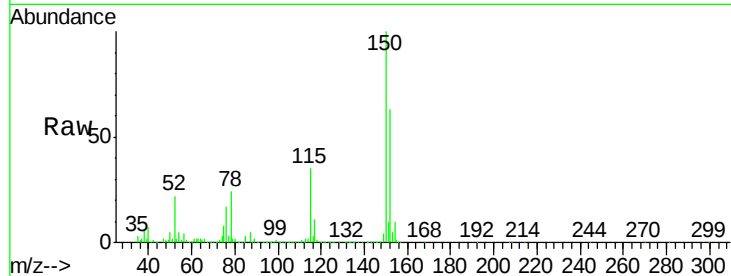
Tot Ion:152 Resp: 183015

Ion Ratio Lower Upper

152 100

115 57.5 28.6 85.8

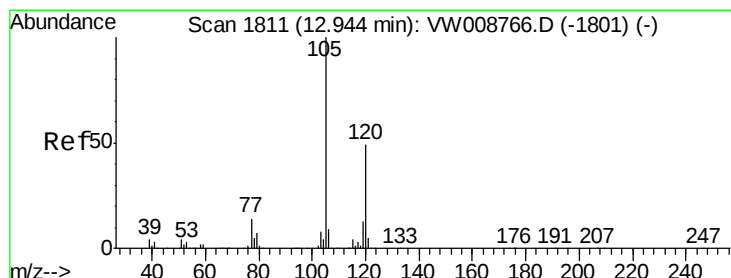
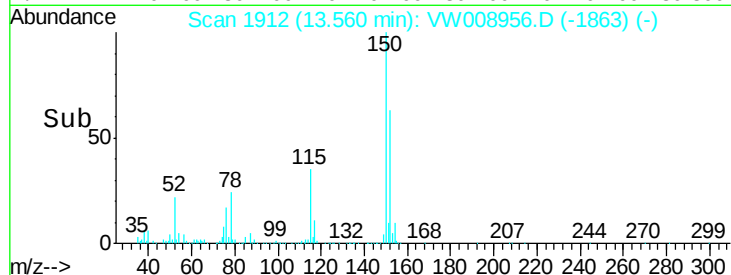
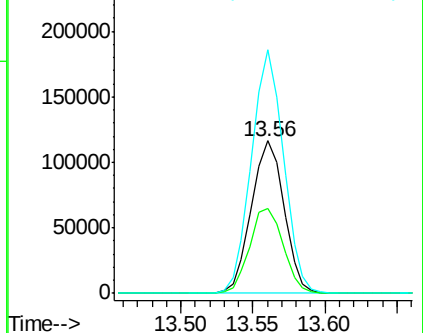
150 156.4 0.0 348.0



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: 1.386 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008956.D

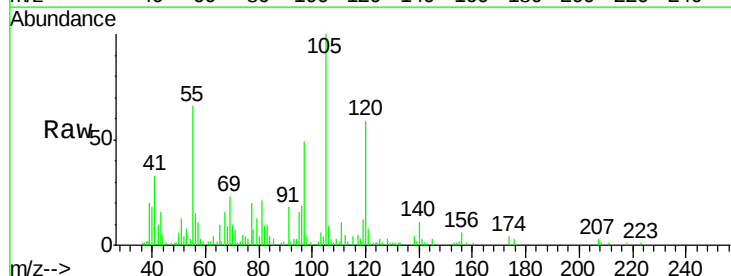
Acq: 02 Mar 2019 08:13

Tgt Ion:105 Resp: 15110

Ion Ratio Lower Upper

105 100

120 47.3 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

