

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW033119\
 Data File : VW009614.D
 Acq On : 31 Mar 2019 16:48
 Operator : SY/VA
 Sample : K2132-02
 Misc : 6.63G/5.0ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Apr 01 05:38:23 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

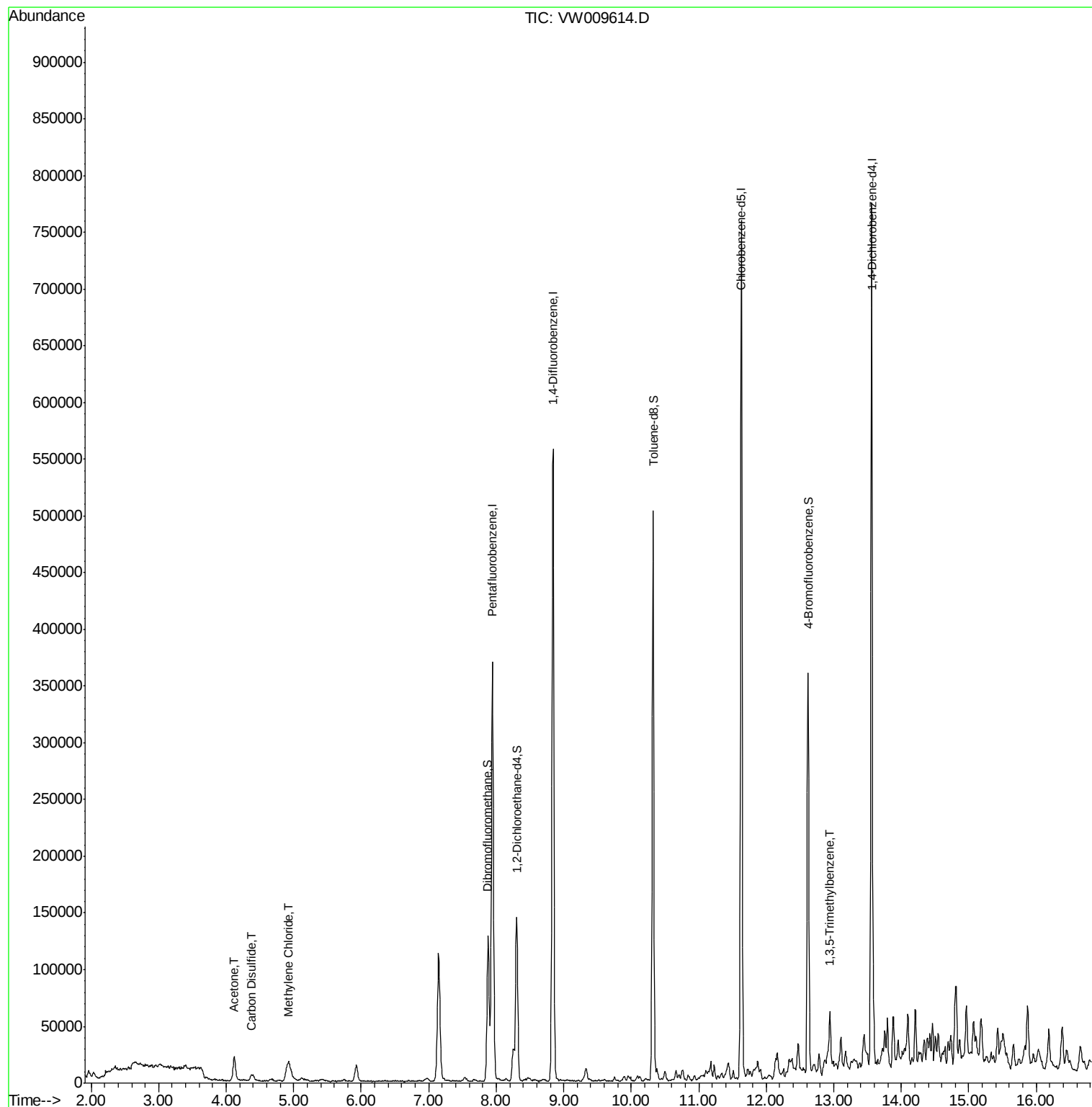
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	261150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	432872	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	400029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	180031	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	109553	36.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.36%	
35) Dibromofluoromethane	7.88	113	88214	32.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.90%	
50) Toluene-d8	10.32	98	301960	30.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.10%	
62) 4-Bromofluorobenzene	12.62	95	101219	27.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.00%	
Target Compounds						
16) Acetone	4.12	43	36825	54.845	ug/l	95
17) Carbon Disulfide	4.37	76	11560	1.612	ug/l #	91
20) Methylene Chloride	4.92	84	16595	2.625	ug/l	96
80) 1,3,5-Trimethylbenzene	12.95	105	15921	1.509	ug/l	100

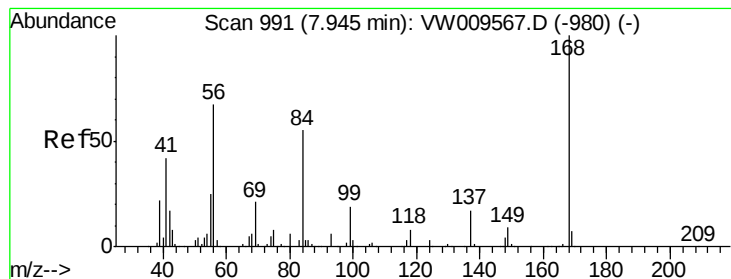
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW033119\
Data File : VW009614.D
Acq On : 31 Mar 2019 16:48
Operator : SY/VA
Sample : K2132-02
Misc : 6.63G/5.0ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Apr 01 05:38:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 29 13:24:53 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: VW009614.D

Acq: 31 Mar 2019 16:48

Instrument :

MSVOA_W

ClientSampleId :

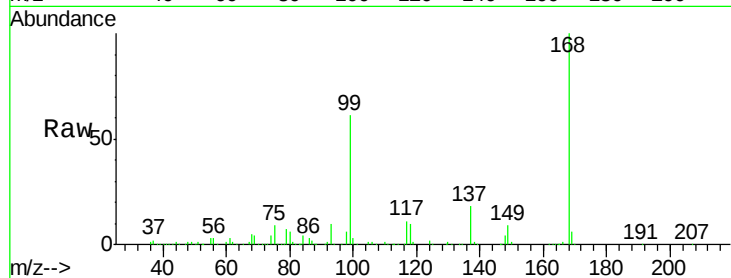
FK-GF-02-036-A

Tot Ion:168 Resp: 261150

Ion Ratio Lower Upper

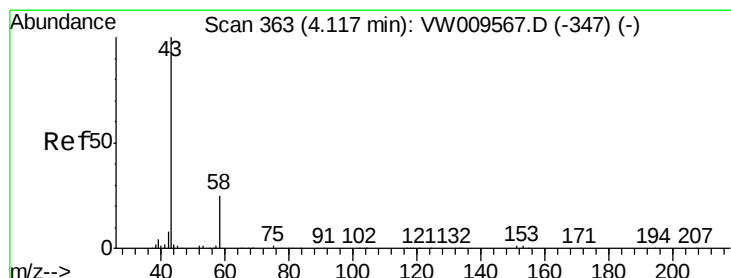
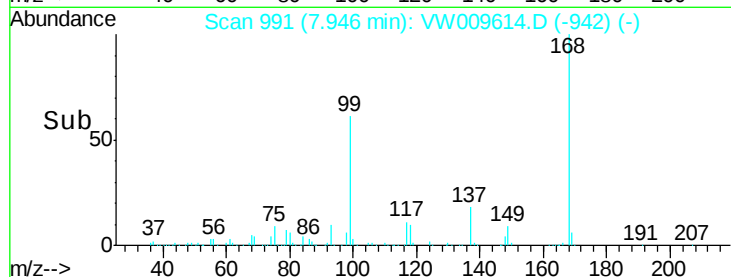
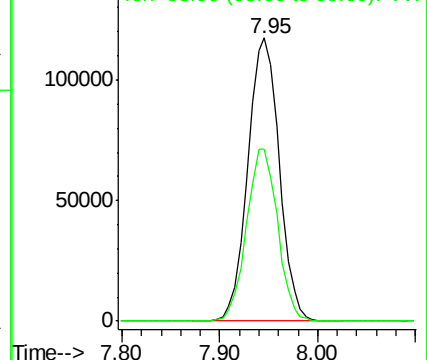
168 100

99 60.9 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 54.845 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009614.D

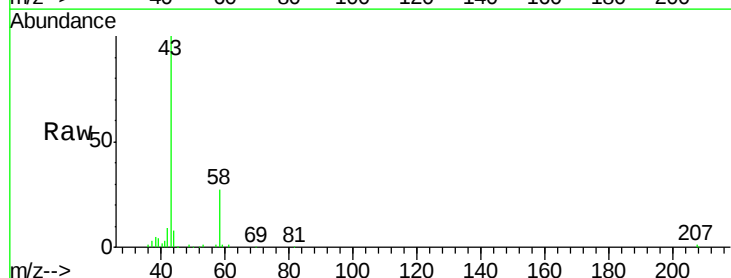
Acq: 31 Mar 2019 16:48

Tgt Ion: 43 Resp: 36825

Ion Ratio Lower Upper

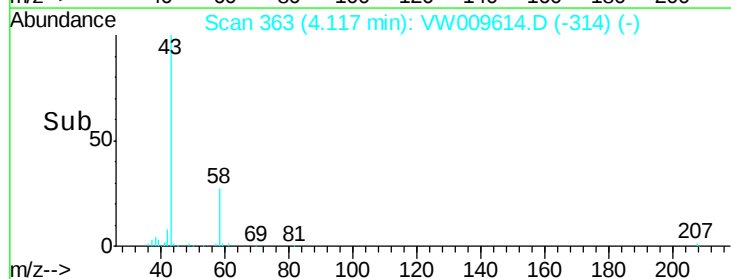
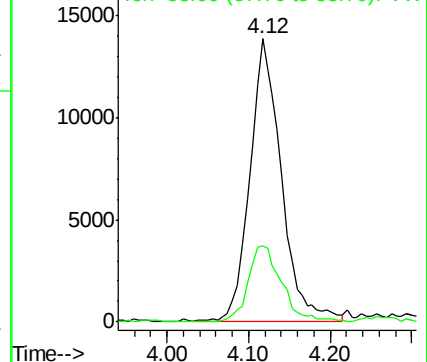
43 100

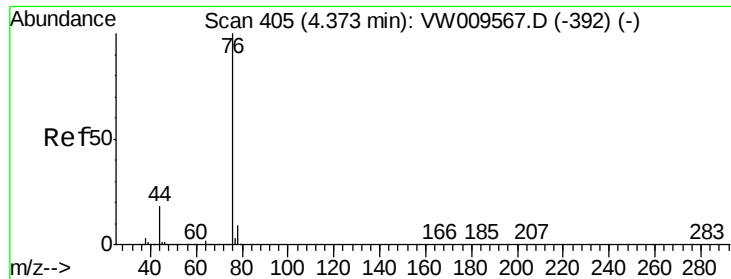
58 27.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

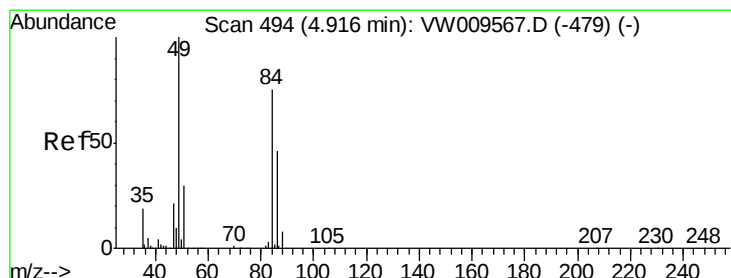
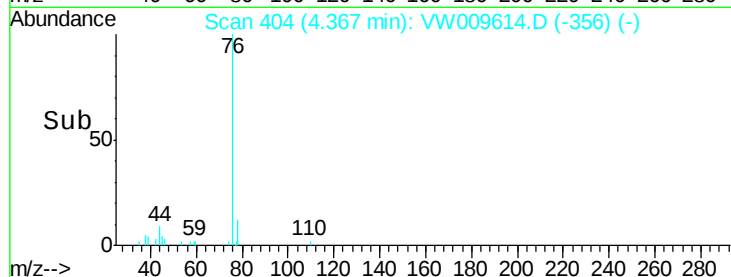
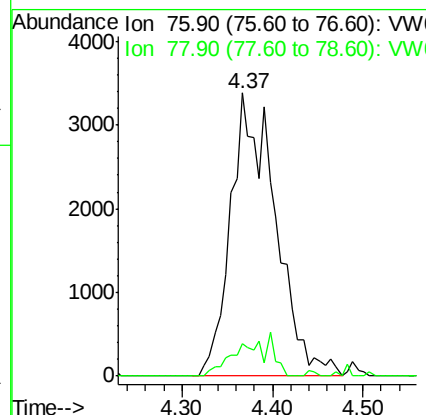
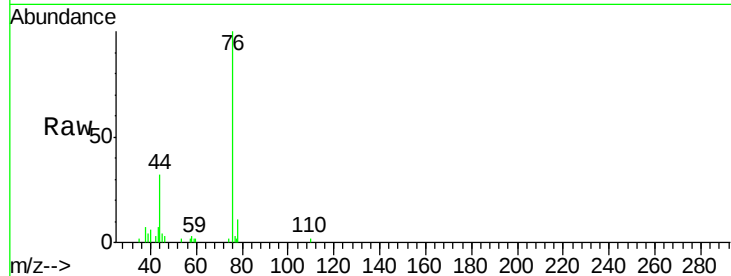




#17
Carbon Disulfide
Concen: 1.612 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW009614.D
Acq: 31 Mar 2019 16:48

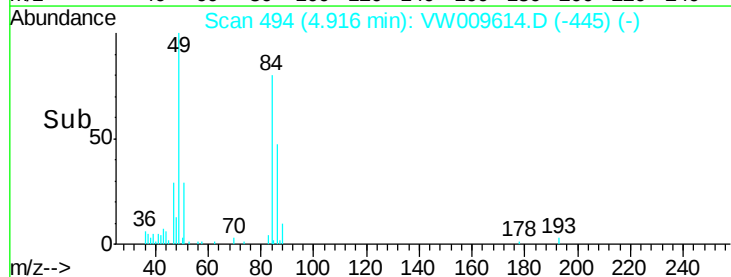
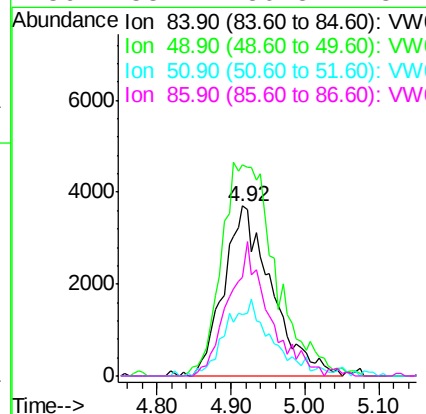
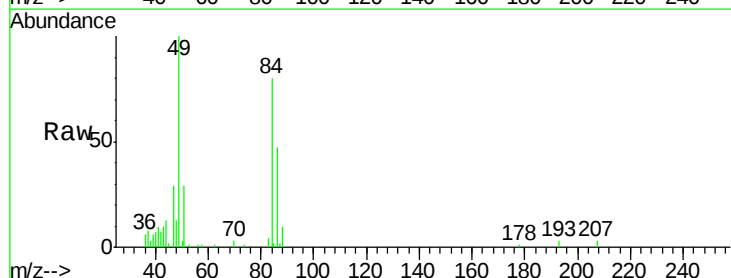
Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-036-A

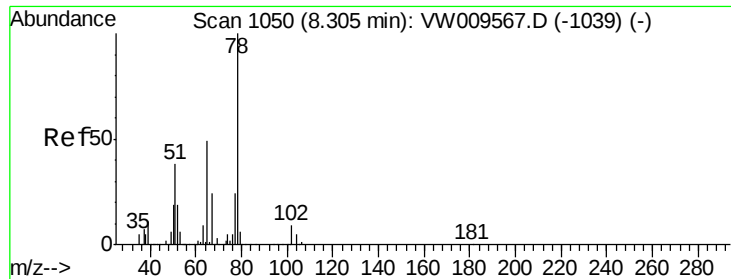
Tot Ion: 76 Resp: 11560
Ion Ratio Lower Upper
76 100
78 11.4 6.6 9.8#



#20
Methylene Chloride
Concen: 2.625 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009614.D
Acq: 31 Mar 2019 16:48

Tgt Ion: 84 Resp: 16595
Ion Ratio Lower Upper
84 100
49 119.8 99.1 148.7
51 36.5 28.7 43.1
86 58.1 50.5 75.7





#33

1,2-Dichloroethane-d4

Concen: 36.685 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009614.D

Acq: 31 Mar 2019 16:48

Instrument :

MSVOA_W

ClientSampleId :

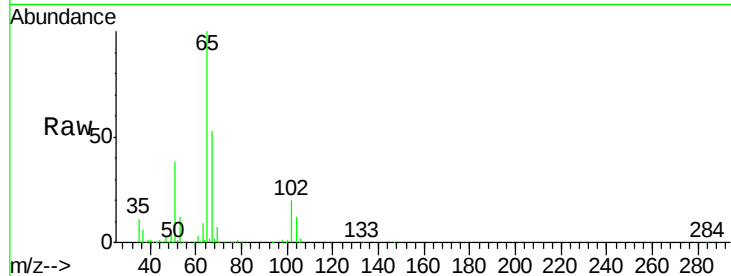
FK-GF-02-036-A

Tot Ion: 65 Resp: 109553

Ion Ratio Lower Upper

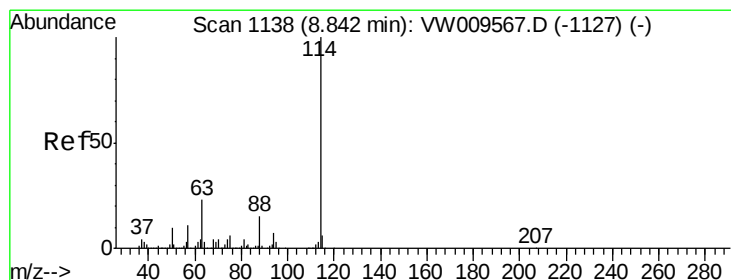
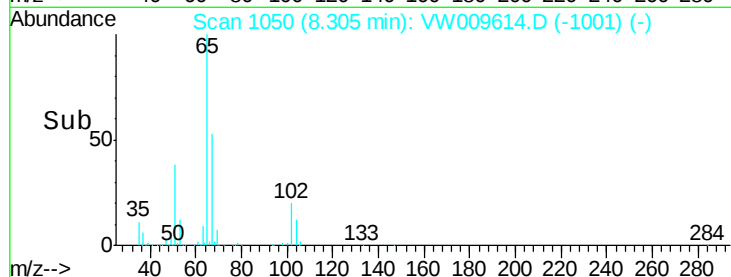
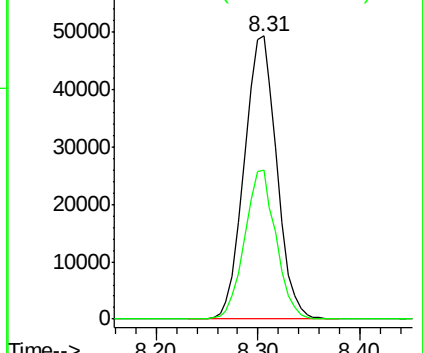
65 100

67 50.9 0.0 102.4



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: VW009614.D

Acq: 31 Mar 2019 16:48

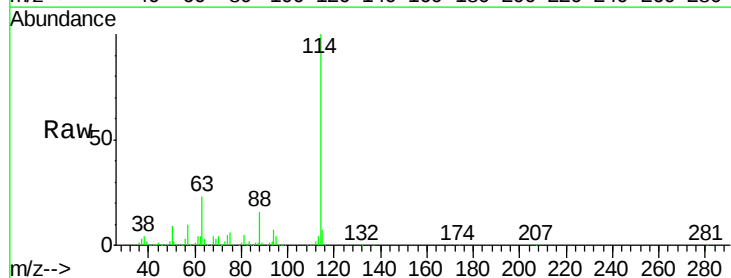
Tgt Ion: 114 Resp: 432872

Ion Ratio Lower Upper

114 100

63 23.0 0.0 42.2

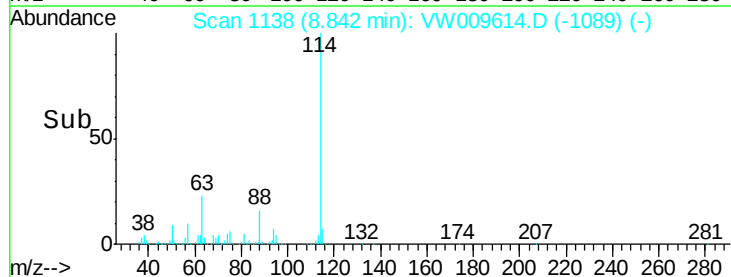
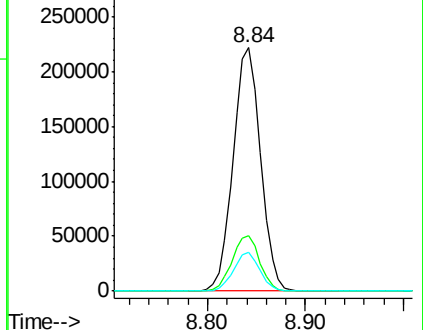
88 16.1 0.0 30.8

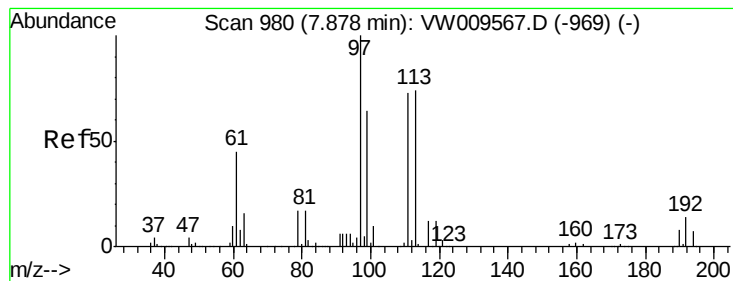


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 32.446 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW009614.D

Acq: 31 Mar 2019 16:48

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-036-A

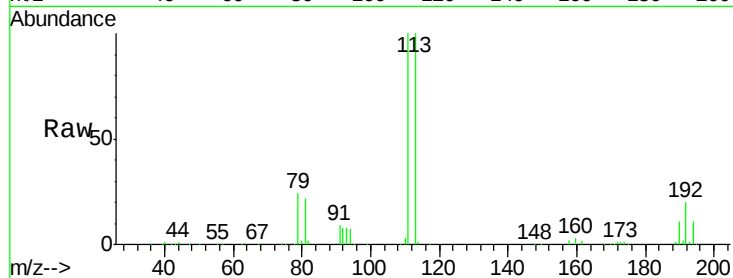
Tot Ion:113 Resp: 88214

Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

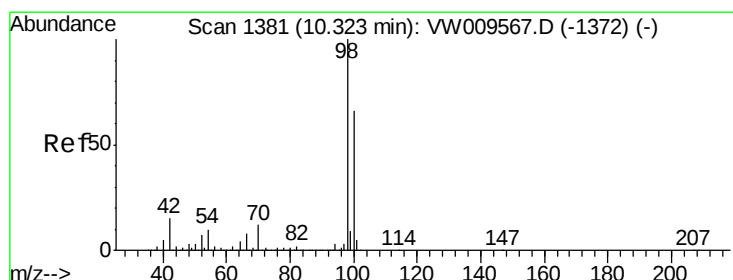
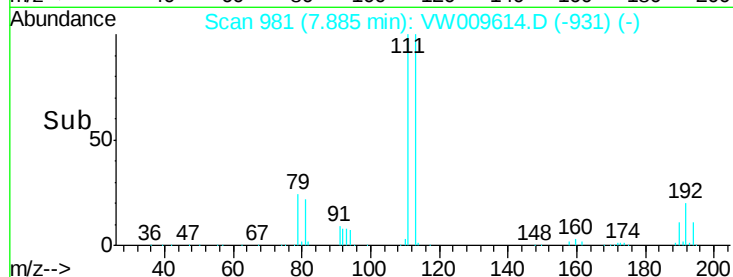
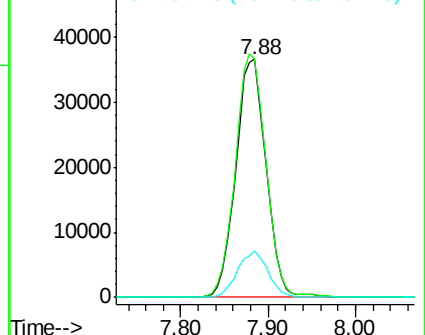
192 19.5 16.4 24.6



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: 30.049 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009614.D

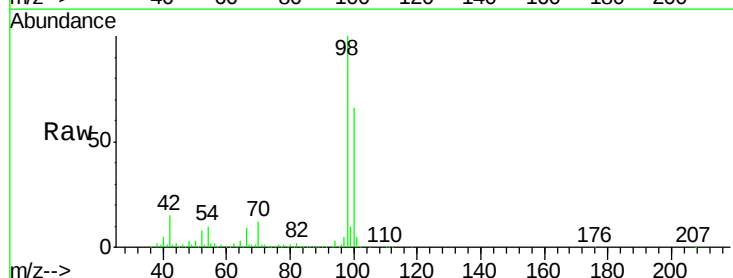
Acq: 31 Mar 2019 16:48

Tgt Ion: 98 Resp: 301960

Ion Ratio Lower Upper

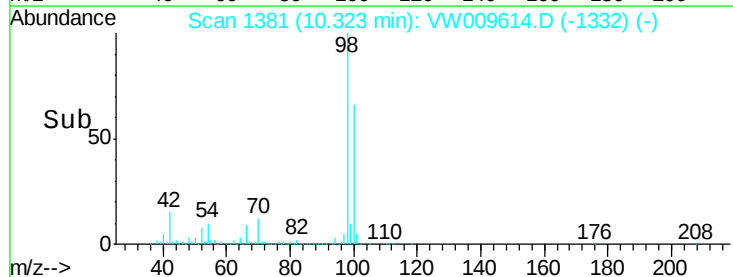
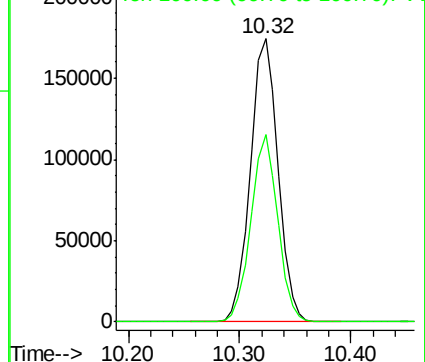
98 100

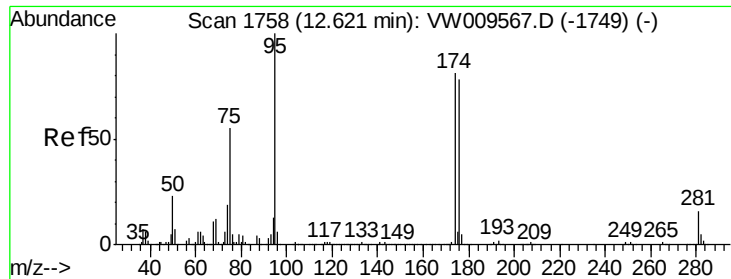
100 64.2 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

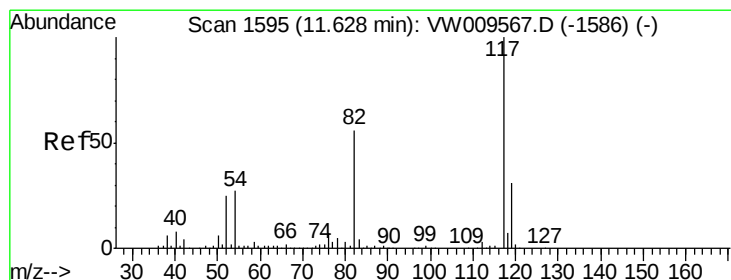
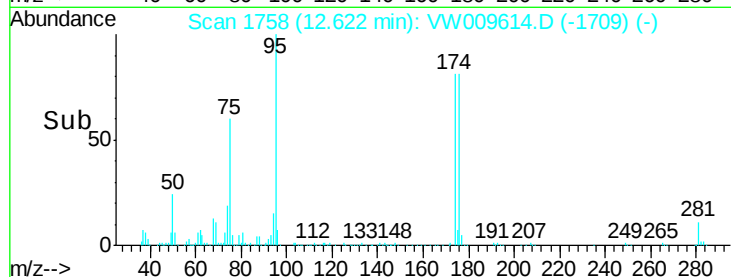
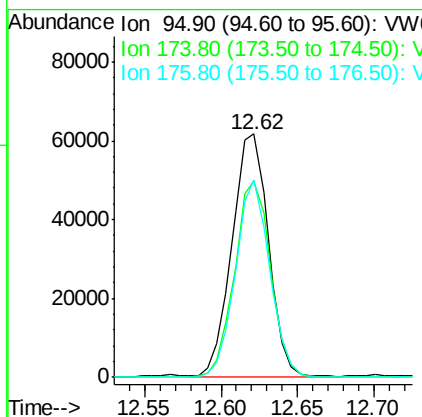
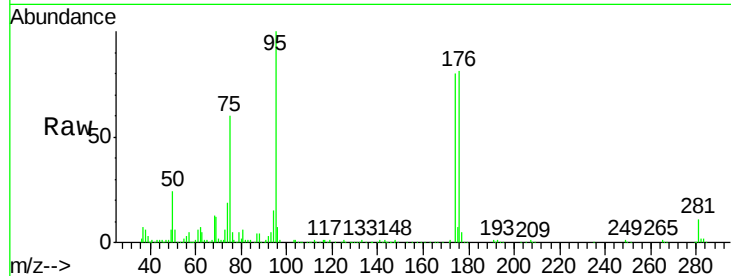




#62
4-Bromofluorobenzene
Concen: 27.000 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW009614.D
Acq: 31 Mar 2019 16:48

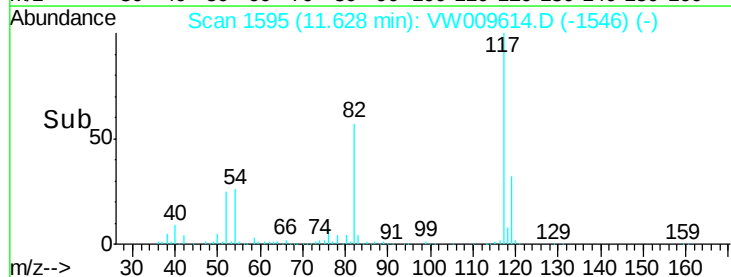
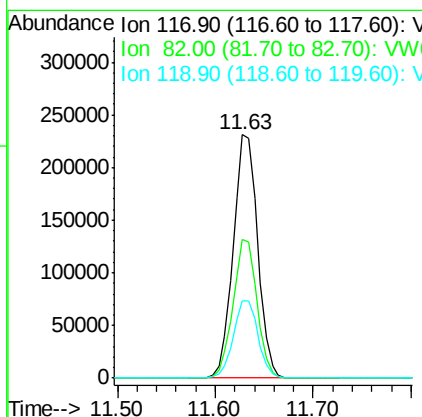
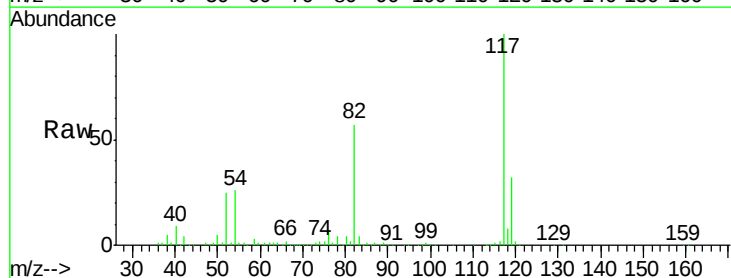
Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-036-A

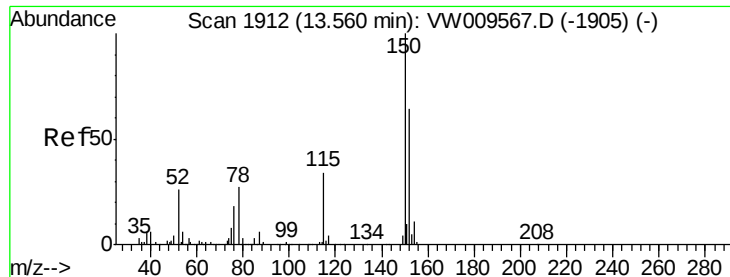
Tot Ion	Ratio	Lower	Upper
95	100		
174	80.6	0.0	168.4
176	76.8	0.0	161.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW009614.D
Acq: 31 Mar 2019 16:48

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.2	43.6	65.4
119	31.6	26.0	39.0

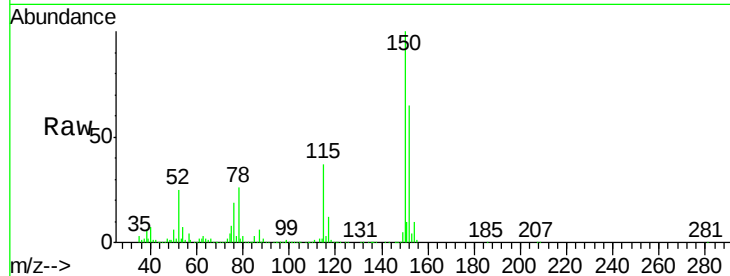




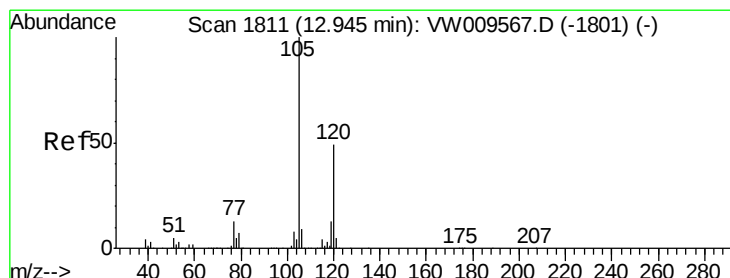
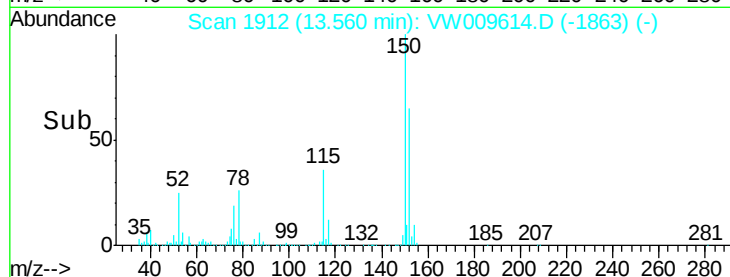
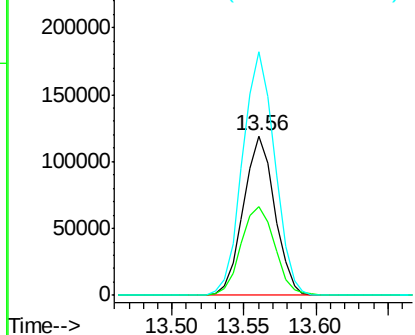
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW009614.D
 Acq: 31 Mar 2019 16:48

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

Tot Ion:152 Resp: 180031
 Ion Ratio Lower Upper
 152 100
 115 59.7 29.6 88.8
 150 157.0 0.0 349.2

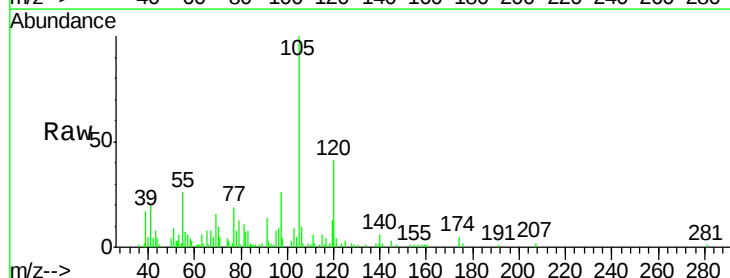


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#80
 1,3,5-Trimethylbenzene
 Concen: 1.509 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW009614.D
 Acq: 31 Mar 2019 16:48

Tgt Ion:105 Resp: 15921
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

