

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031819\
 Data File : VF062000.D
 Acq On : 18 Mar 2019 16:32
 Operator : VA/AP
 Sample : K1951-02
 Misc : 5.82g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-GF-03-006-A

Quant Time: Mar 19 01:54:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

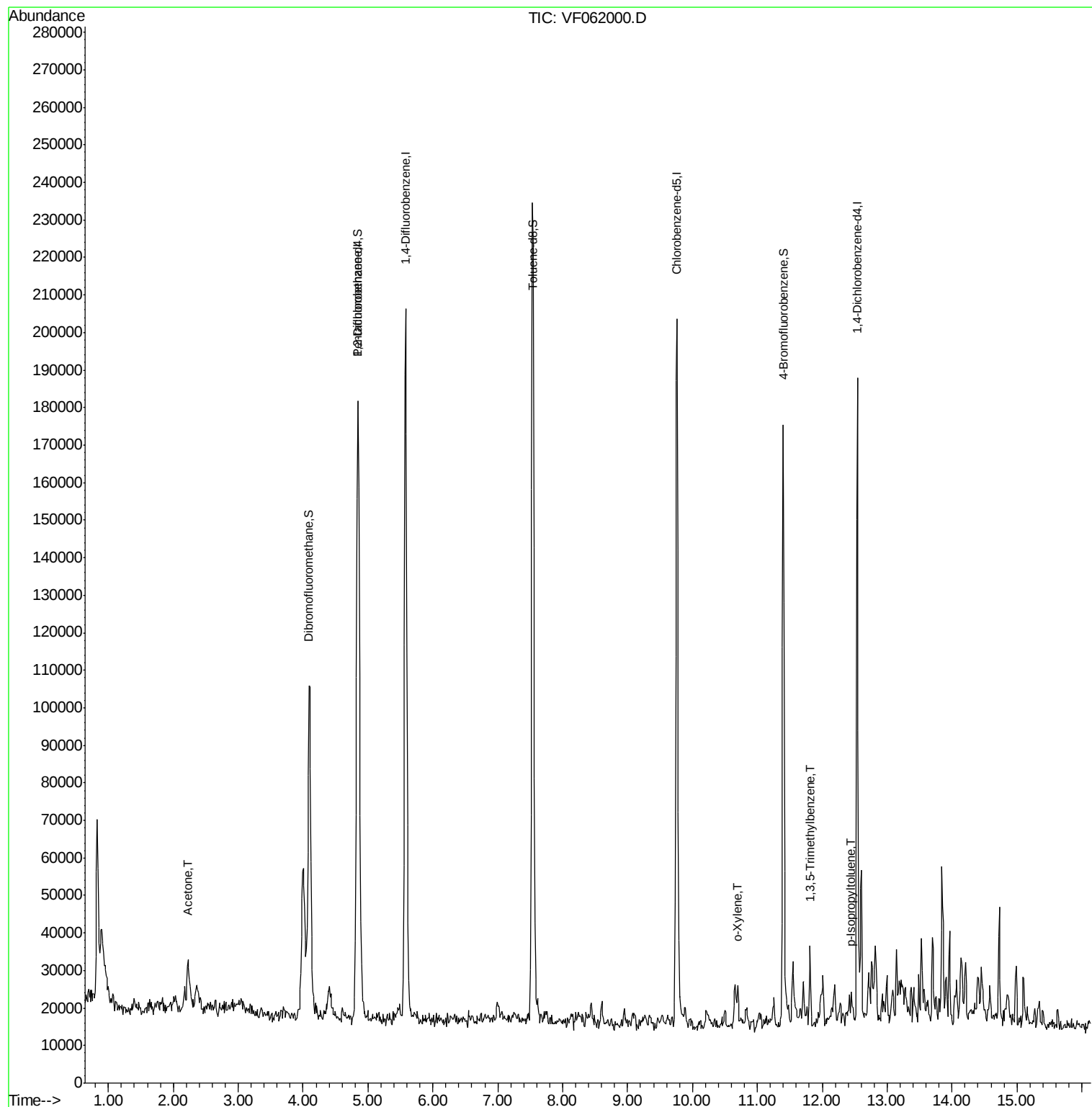
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	151470	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	239062	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	149514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	47900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	61729	56.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.22%	
35) Dibromofluoromethane	4.10	113	84352	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
50) Toluene-d8	7.53	98	197874	42.16	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	84.32%	
62) 4-Bromofluorobenzene	11.40	95	60993	32.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.44%	
Target Compounds						
16) Acetone	2.23	43	18588	75.919	ug/l	96
69) o-Xylene	10.70	106	2514	1.311	ug/l	91
80) 1,3,5-Trimethylbenzene	11.81	105	9382	3.510	ug/l	88
86) p-Isopropyltoluene	12.44	119	3539m	1.123	ug/l	

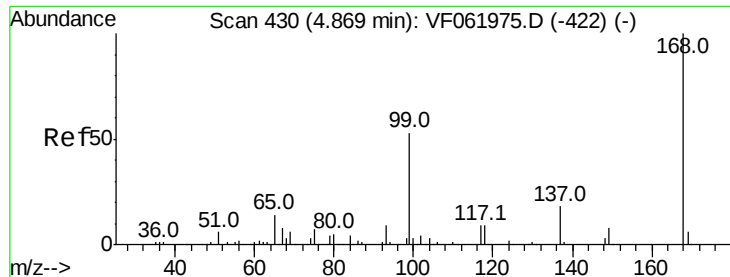
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031819\
Data File : VF062000.D
Acq On : 18 Mar 2019 16:32
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ALS Vial : 13 Sample Multiplier: 1

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Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF062000.D

Acq: 18 Mar 2019 16:32

Instrument :

MSVOA_F

ClientSampleId :

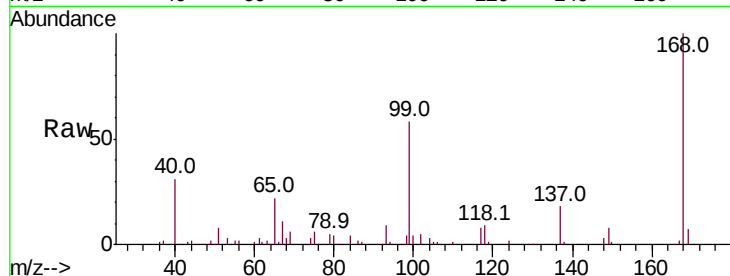
FK-GF-03-006-A

Tot Ion:168 Resp: 151470

Ion Ratio Lower Upper

168 100

99 58.0 42.4 63.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

50000

40000

30000

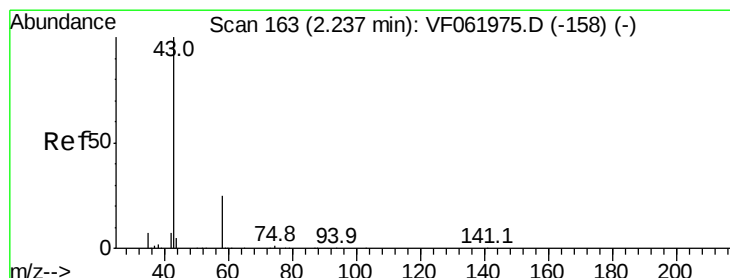
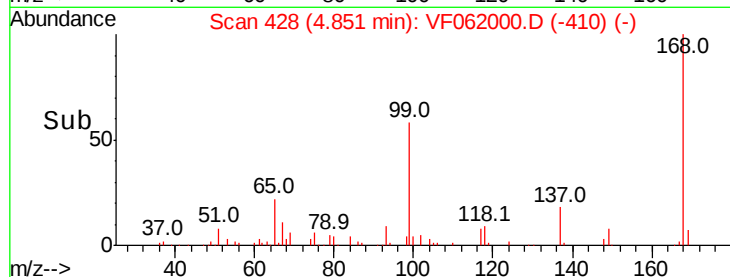
20000

10000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 75.919 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.01 min

Lab File: VF062000.D

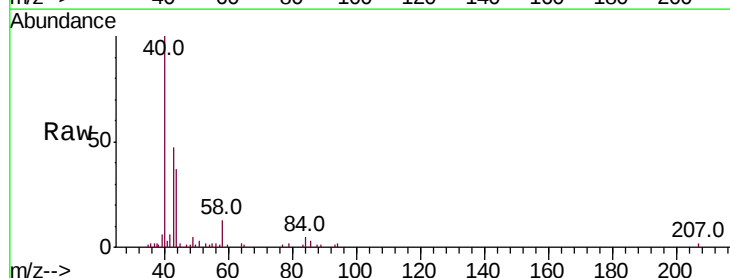
Acq: 18 Mar 2019 16:32

Tgt Ion: 43 Resp: 18588

Ion Ratio Lower Upper

43 100

58 26.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

6000

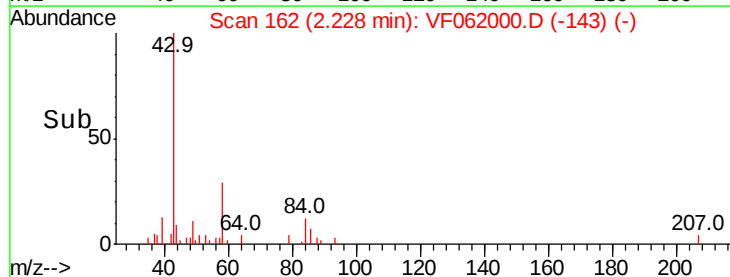
4000

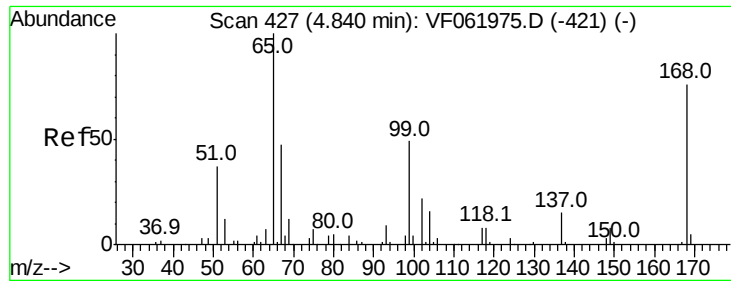
2000

0

Time-->

2.10 2.20 2.30

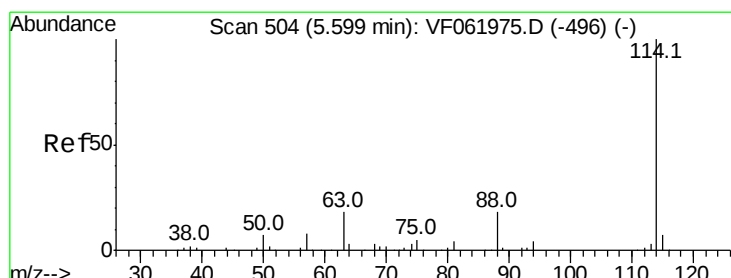
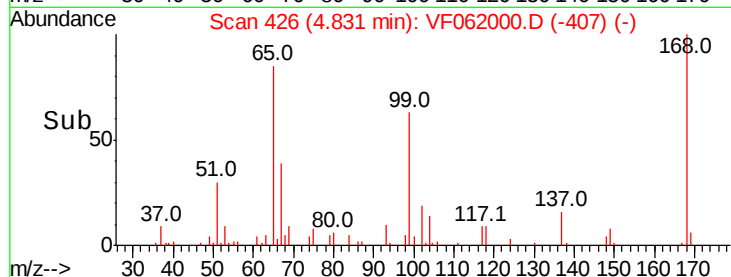
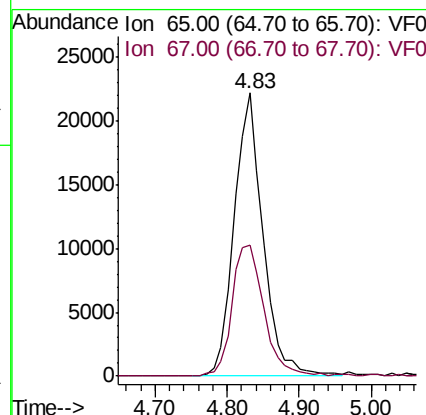
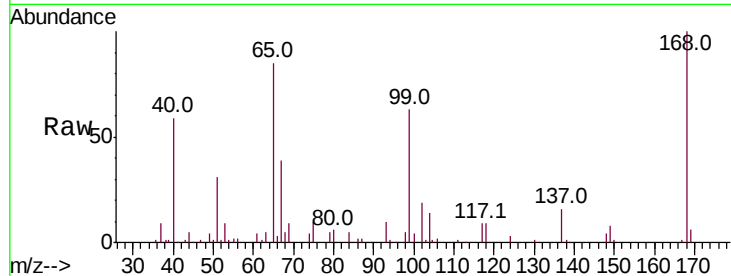




#33
 1,2-Dichloroethane-d4
 Concen: 56.614 ug/l
 RT: 4.83 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: VF062000.D
 Acq: 18 Mar 2019 16:32

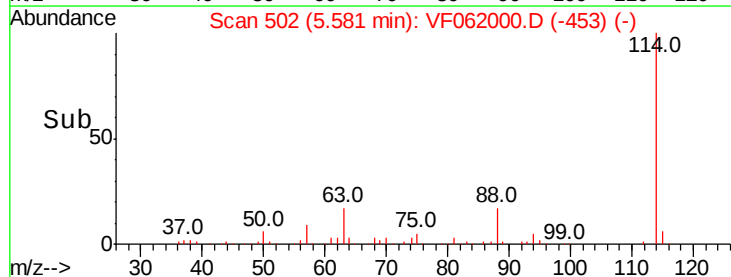
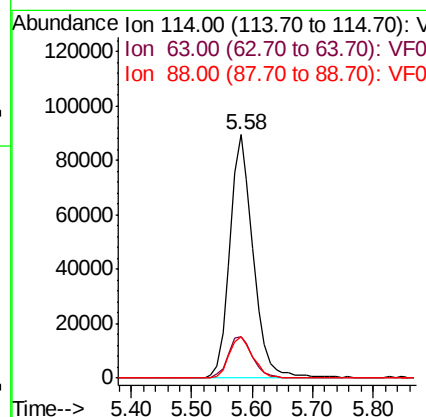
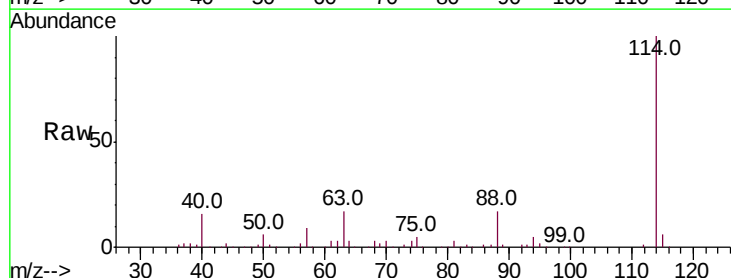
Instrument :
 MSVOA_F
 ClientSampleId :
 FK-GF-03-006-A

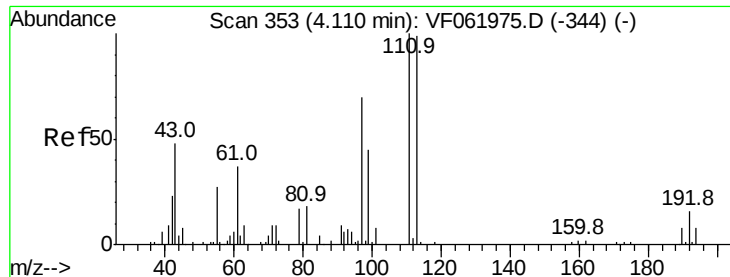
Tot Ion: 65 Resp: 61729
 Ion Ratio Lower Upper
 65 100
 67 46.3 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: VF062000.D
 Acq: 18 Mar 2019 16:32

Tgt Ion: 114 Resp: 239062
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 36.4
 88 17.0 0.0 36.4





#35

Dibromofluoromethane

Concen: 52.544 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF062000.D

Acq: 18 Mar 2019 16:32

Instrument :

MSVOA_F

ClientSampleId :

FK-GF-03-006-A

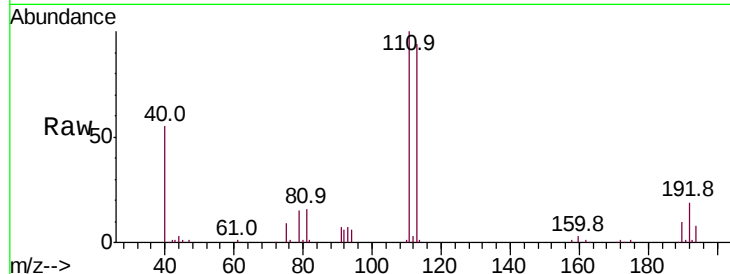
Tot Ion:113 Resp: 84352

Ion Ratio Lower Upper

113 100

111 106.5 80.8 121.2

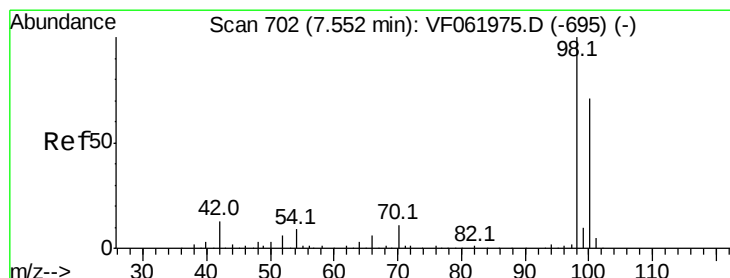
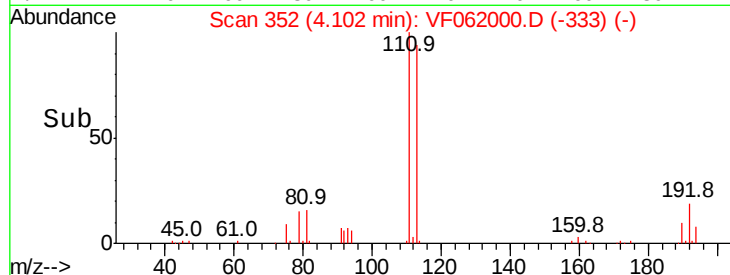
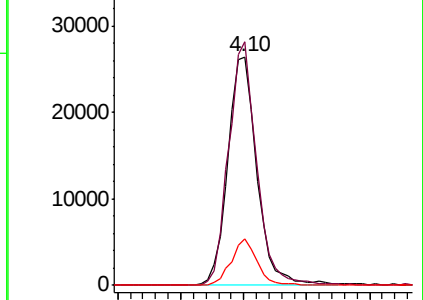
192 20.1 13.0 19.6#



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#50

Toluene-d8

Concen: 42.165 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.02 min

Lab File: VF062000.D

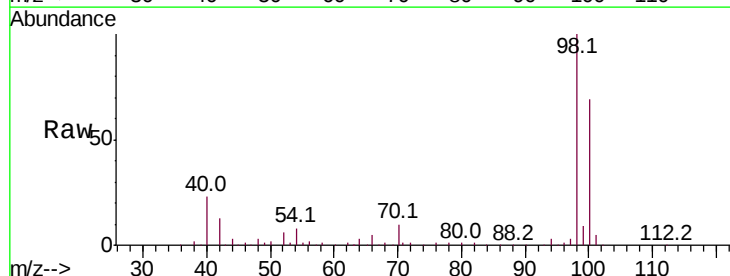
Acq: 18 Mar 2019 16:32

Tgt Ion: 98 Resp: 197874

Ion Ratio Lower Upper

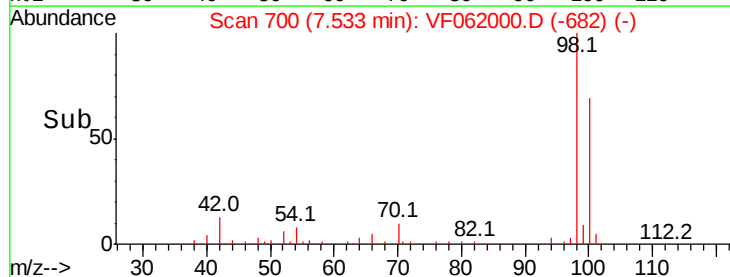
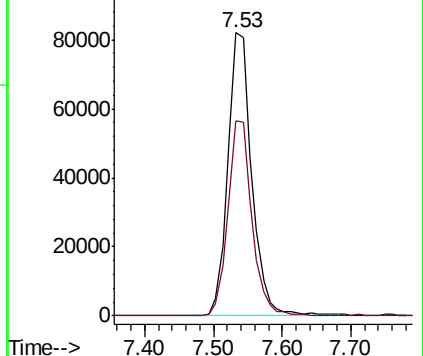
98 100

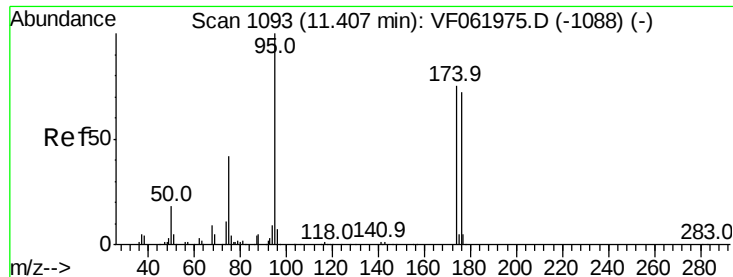
100 68.8 56.8 85.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 32.716 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF062000.D

Acq: 18 Mar 2019 16:32

Instrument :

MSVOA_F

ClientSampleId :

FK-GF-03-006-A

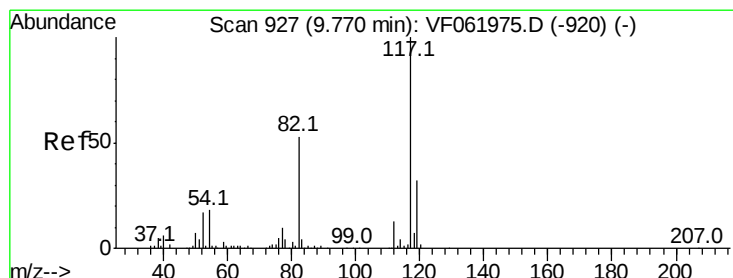
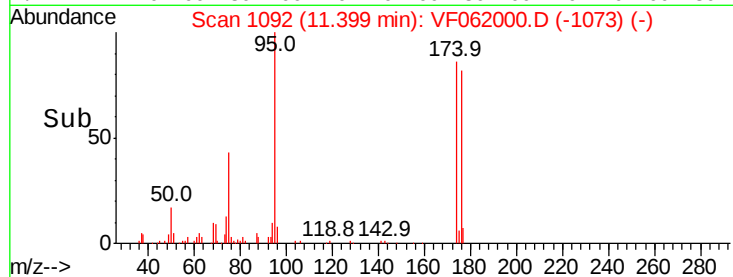
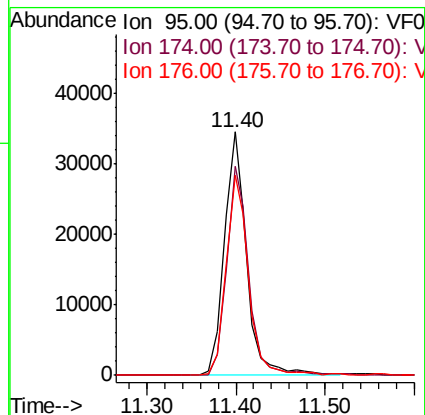
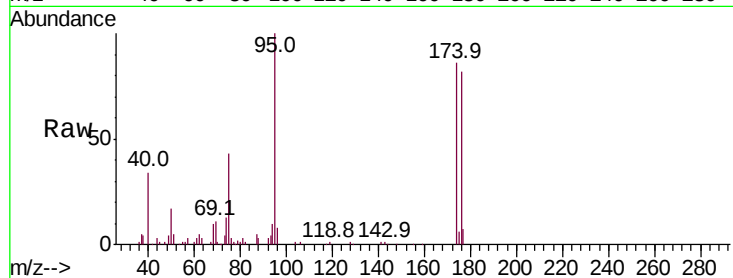
Tot Ion: 95 Resp: 60993

Ion Ratio Lower Upper

95 100

174 85.8 0.0 149.4

176 82.0 0.0 143.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.76 min Scan# 926

Delta R.T. -0.01 min

Lab File: VF062000.D

Acq: 18 Mar 2019 16:32

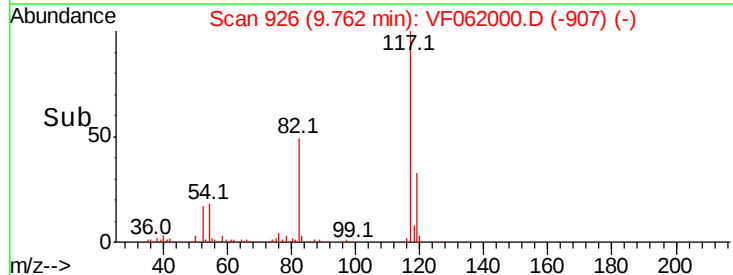
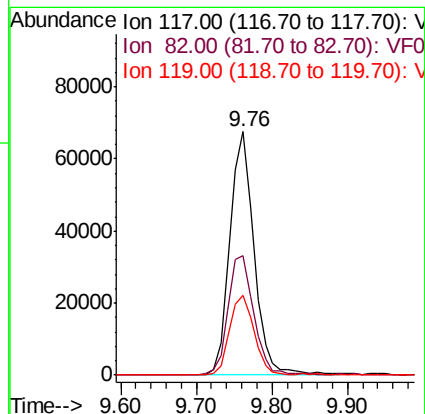
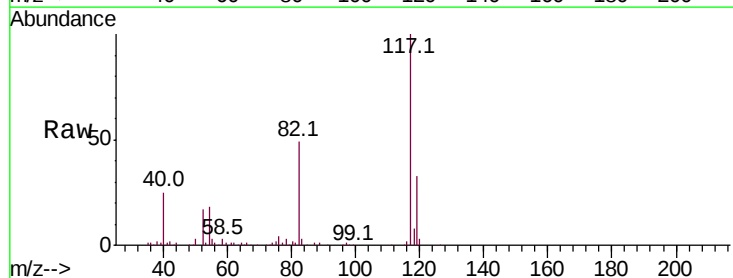
Tgt Ion: 117 Resp: 149514

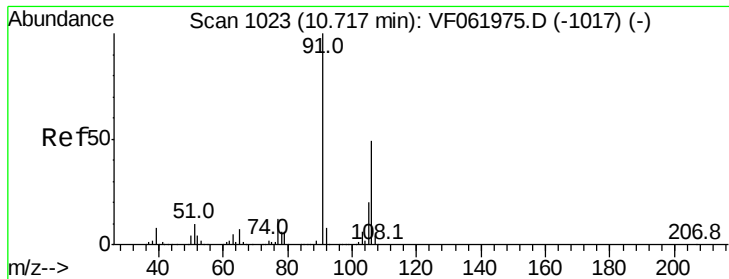
Ion Ratio Lower Upper

117 100

82 48.9 42.5 63.7

119 32.7 25.4 38.0

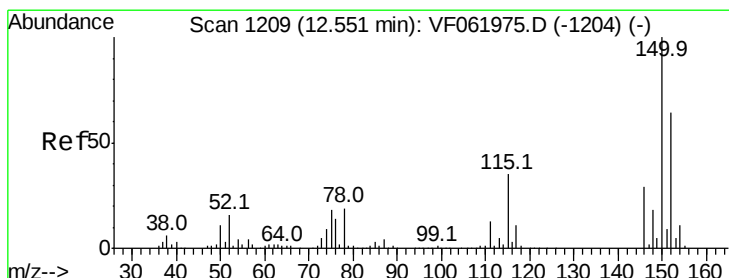
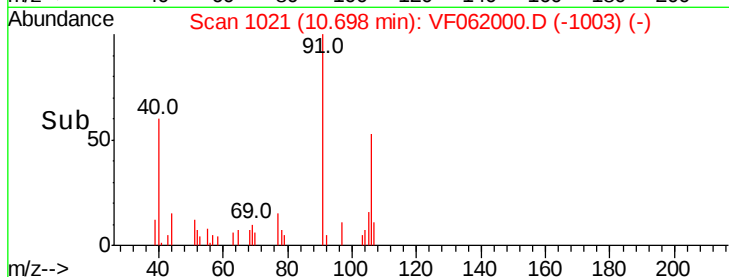
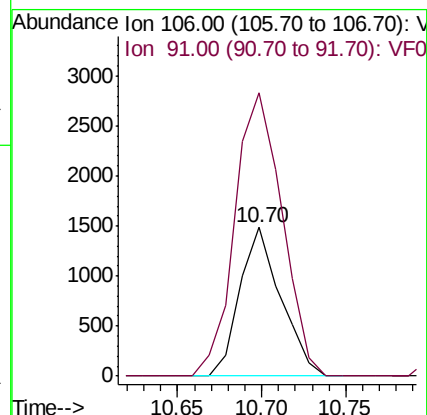
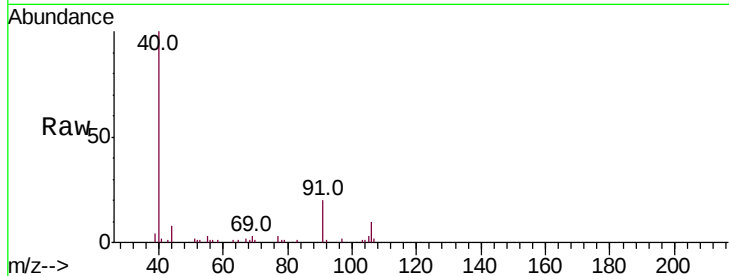




#69
o-Xylene
Concen: 1.311 ug/l
RT: 10.70 min Scan# 1021
Delta R.T. -0.02 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

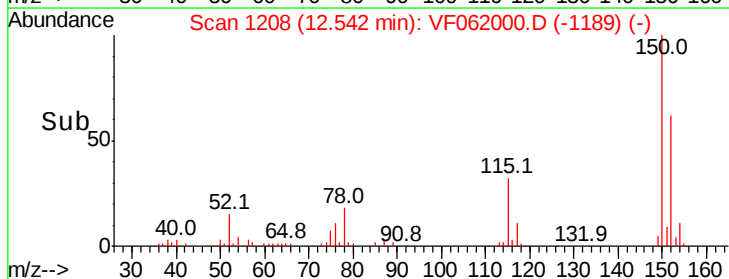
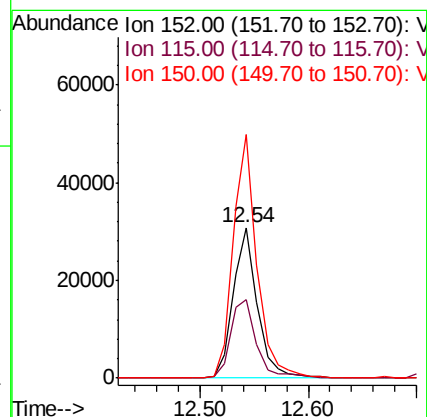
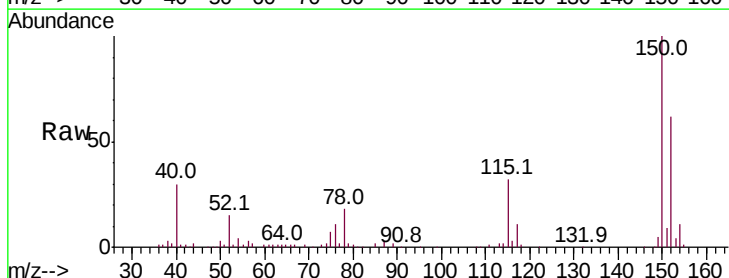
Instrument :
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FK-GF-03-006-A

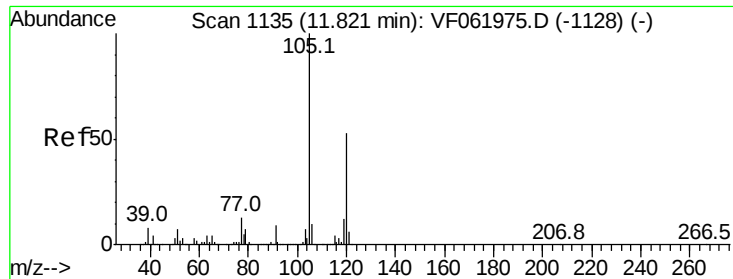
Tot Ion:106 Resp: 2514
Ion Ratio Lower Upper
106 100
91 190.2 102.3 306.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF062000.D
Acq: 18 Mar 2019 16:32

Tgt Ion:152 Resp: 47900
Ion Ratio Lower Upper
152 100
115 51.9 27.3 81.9
150 161.8 0.0 316.2

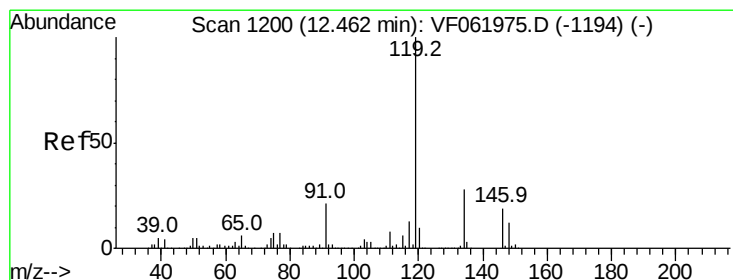
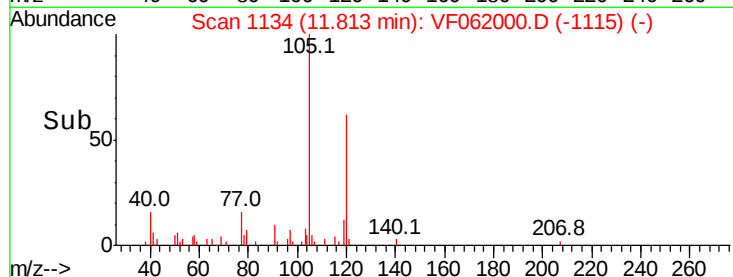
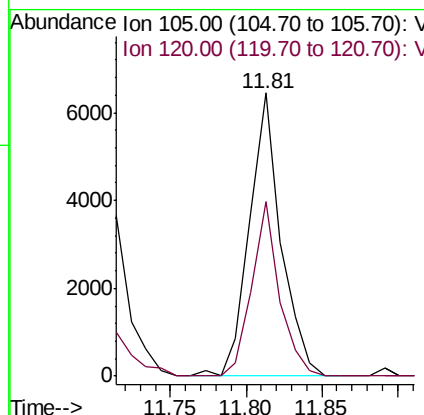
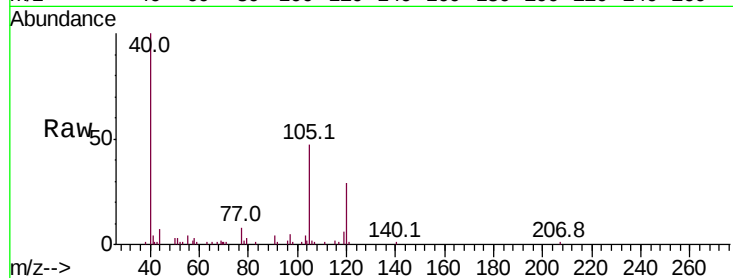




#80
 1,3,5-Trimethylbenzene
 Concen: 3.510 ug/l
 RT: 11.81 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: VF062000.D
 Acq: 18 Mar 2019 16:32

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-GF-03-006-A

Tot Ion:105 Resp: 9382
 Ion Ratio Lower Upper
 105 100
 120 61.8 26.6 79.7



#86
 p-Isopropyltoluene
 Concen: 1.123 ug/l m
 RT: 12.44 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: VF062000.D
 Acq: 18 Mar 2019 16:32

Tgt Ion:119 Resp: 3539
 Ion Ratio Lower Upper
 119 100
 134 23.7 13.9 41.7
 91 16.8 10.4 31.1

