

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082018\
 Data File : VF060021.D
 Acq On : 21 Aug 2018 00:02
 Operator : VA/AP
 Sample : J4524-02
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 Y-1803

Quant Time: Aug 21 09:13:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:11:02 2018
 Response via : Initial Calibration

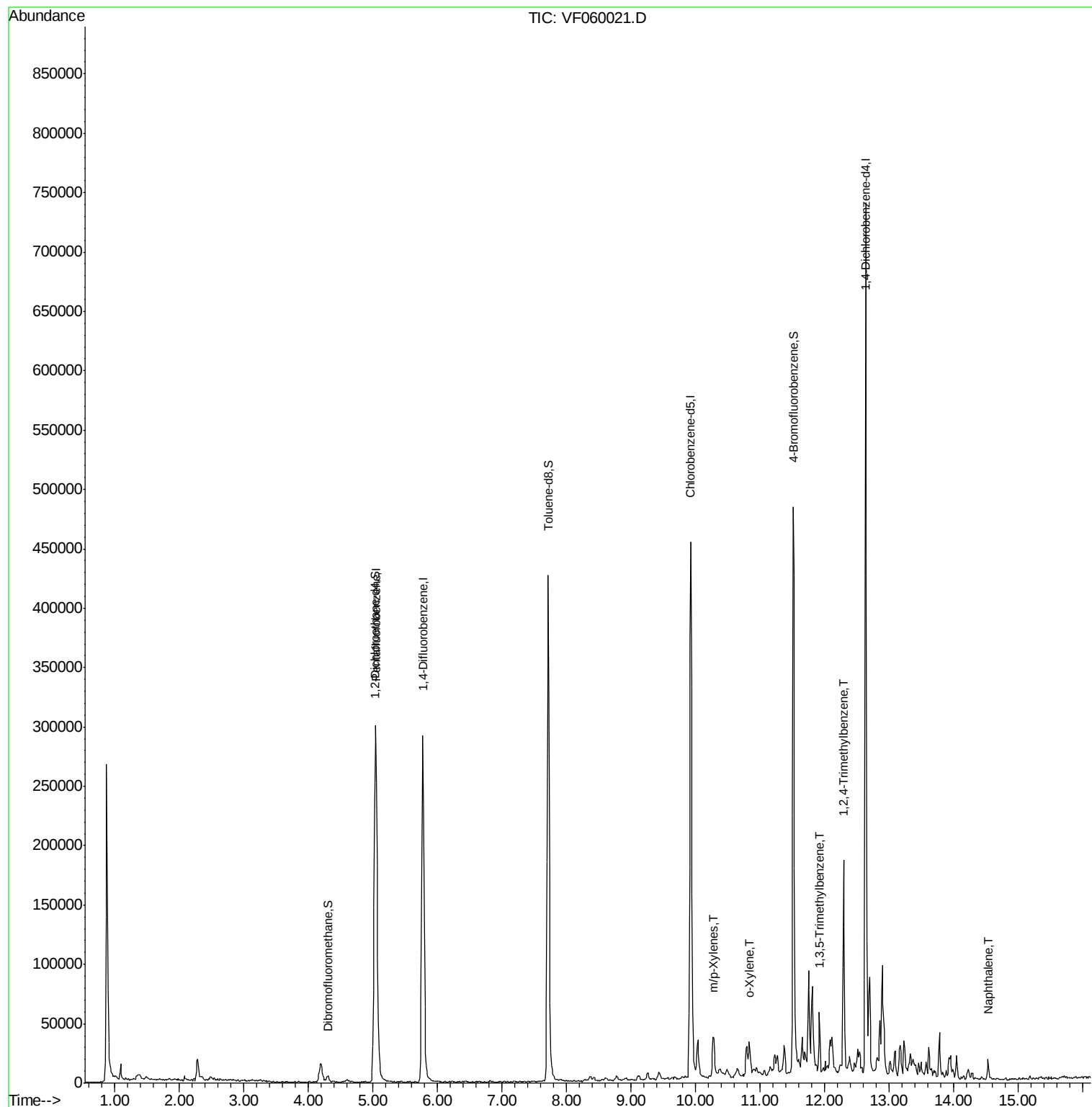
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	211282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	306491	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	299493	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	176151	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	152115	37.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.60%	
35) Dibromofluoromethane	4.30	113	5035	1.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	3.22%	
50) Toluene-d8	7.72	98	339568	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	11.51	95	170104	39.79	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	79.58%	
Target Compounds						
68) m/p-Xylenes	10.27	106	12491	3.36	ug/l	Qvalue 86
69) o-Xylene	10.83	106	7228	1.90	ug/l	78
80) 1,3,5-Trimethylbenzene	11.91	105	24536	2.57	ug/l	91
84) 1,2,4-Trimethylbenzene	12.29	105	80276	7.98	ug/l	96
95) Naphthalene	14.53	128	9311	1.51	ug/l #	96

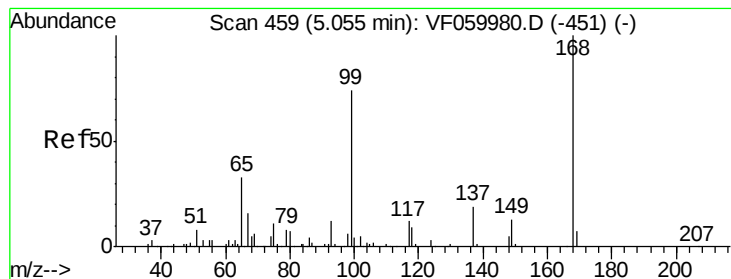
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082018\
Data File : VF060021.D
Acq On : 21 Aug 2018 00:02
Operator : VA/AP
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Misc : 5.00µ/5mL/MSVOA F/SOIL
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Quant Time: Aug 21 09:13:30 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 459

Delta R.T. -0.00 min

Lab File: VF060021.D

Acq: 21 Aug 2018 00:02

Instrument :

MSVOA_F

ClientSampleId :

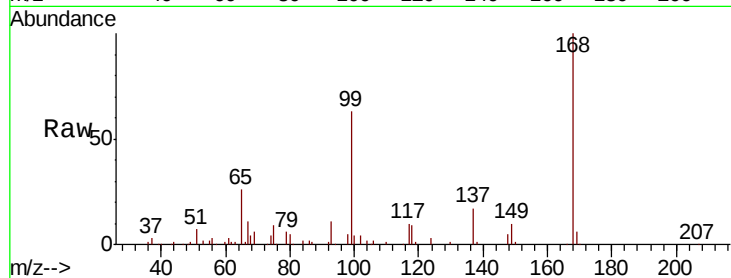
Y-1803

Tot Ion:168 Resp: 211282

Ion Ratio Lower Upper

168 100

99 62.8 59.0 88.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

80000

60000

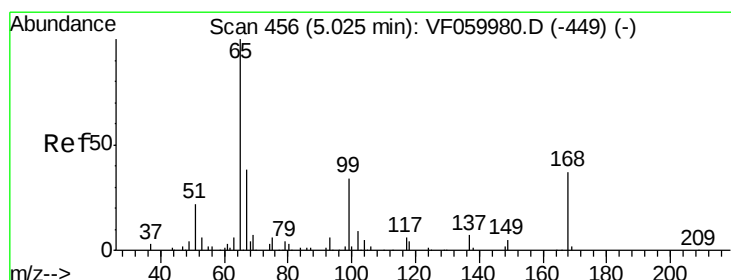
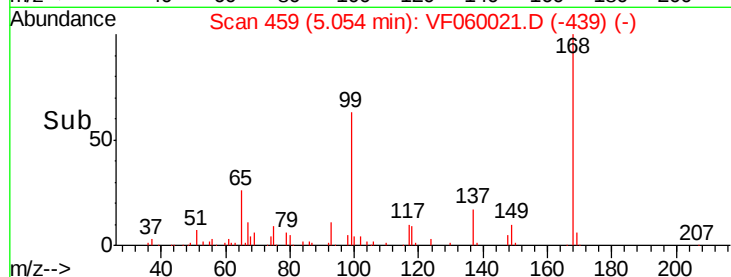
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 37.30 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF060021.D

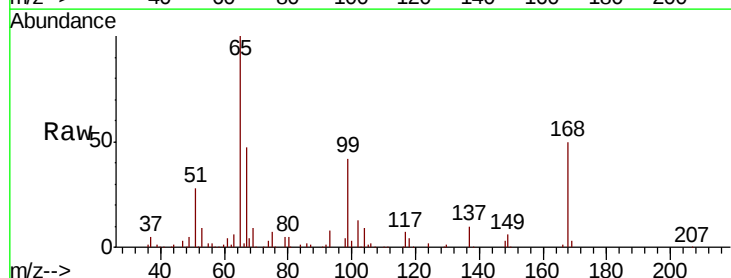
Acq: 21 Aug 2018 00:02

Tgt Ion: 65 Resp: 152115

Ion Ratio Lower Upper

65 100

67 46.7 0.0 82.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

60000

50000

40000

30000

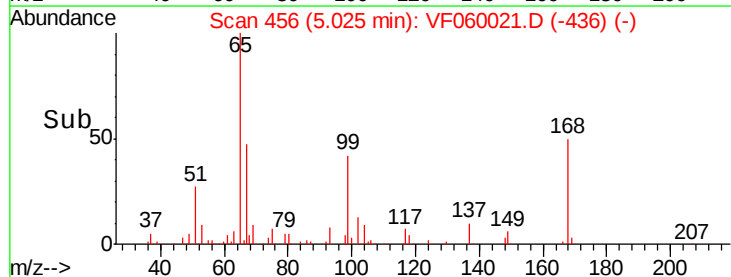
20000

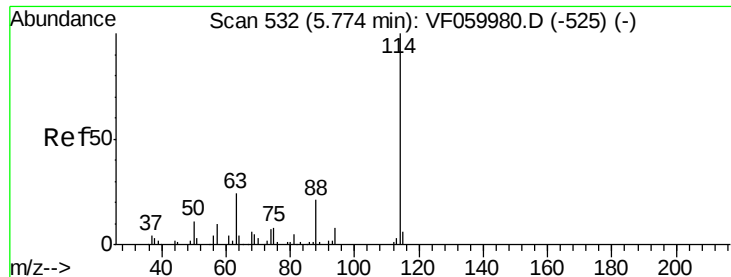
10000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 532

Delta R.T. -0.00 min

Lab File: VF060021.D

Acq: 21 Aug 2018 00:02

Instrument :

MSVOA_F

ClientSampleId :

Y-1803

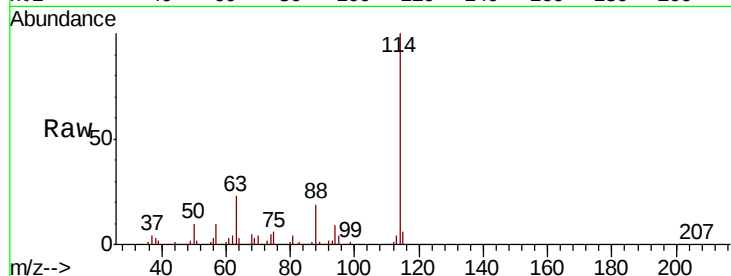
Tot Ion:114 Resp: 306491

Ion Ratio Lower Upper

114 100

63 23.0 0.0 48.6

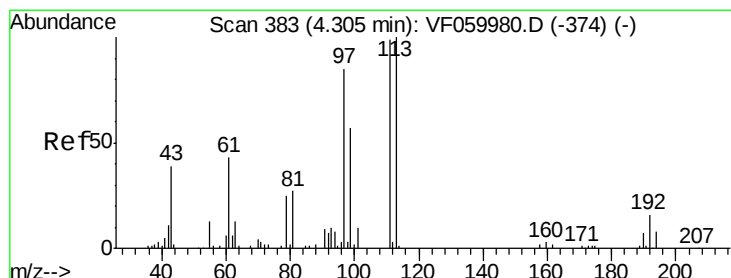
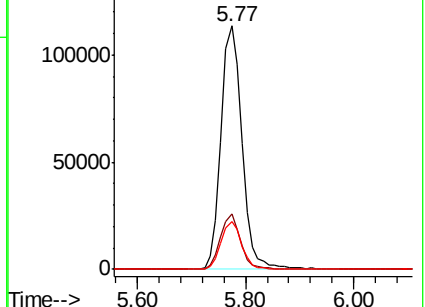
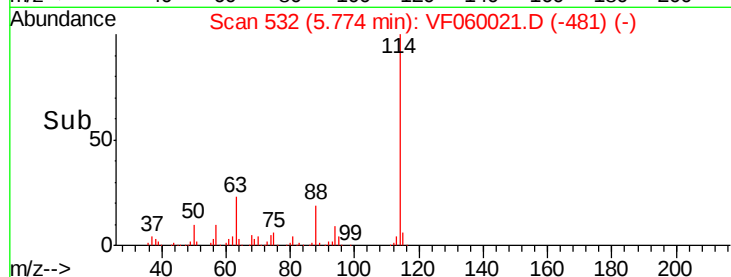
88 19.4 0.0 42.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 1.61 ug/l

RT: 4.30 min Scan# 383

Delta R.T. -0.00 min

Lab File: VF060021.D

Acq: 21 Aug 2018 00:02

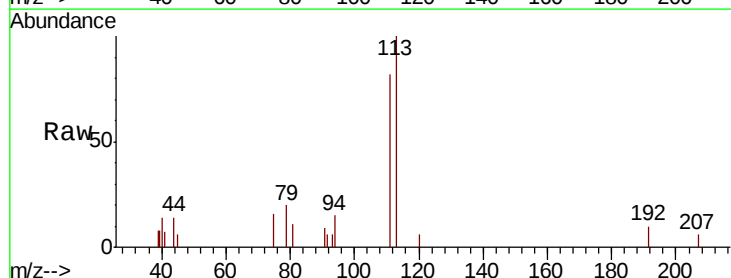
Tgt Ion:113 Resp: 5035

Ion Ratio Lower Upper

113 100

111 81.7 79.5 119.3

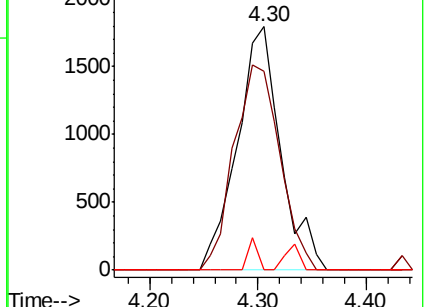
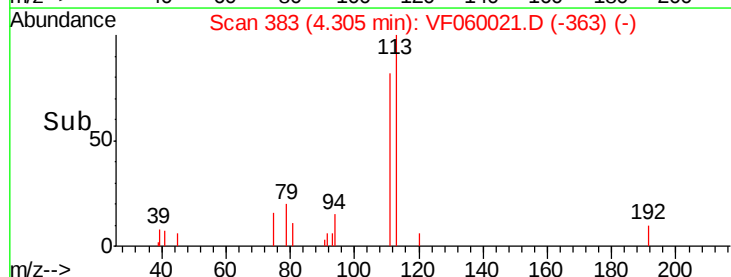
192 0.0 12.4 18.6#

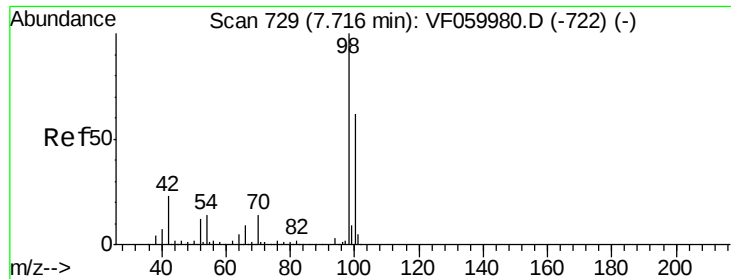


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

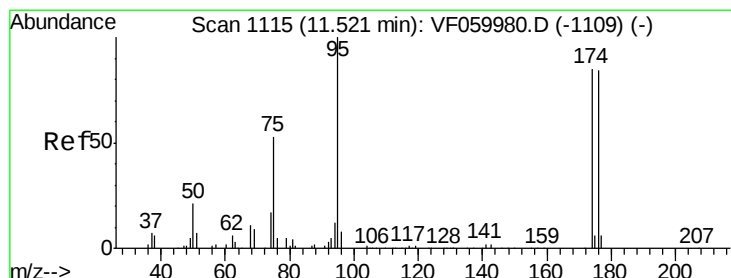
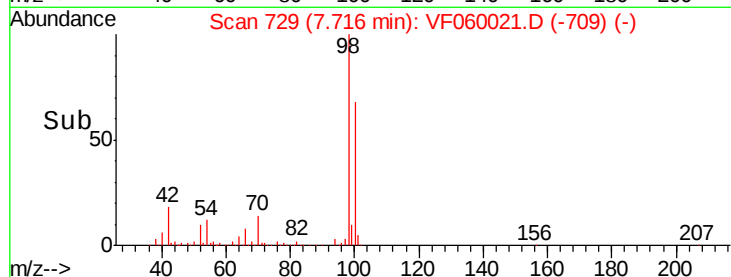
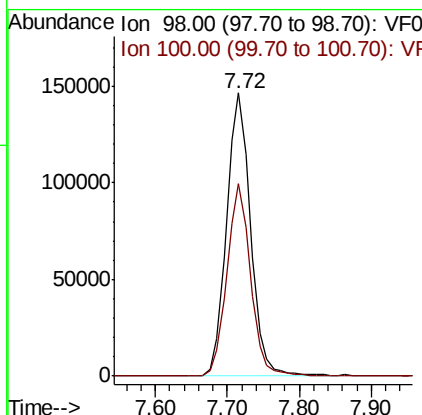
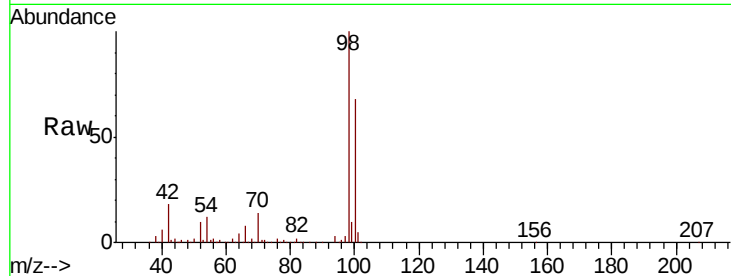




#50
Toluene-d8
Concen: 48.75 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.00 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

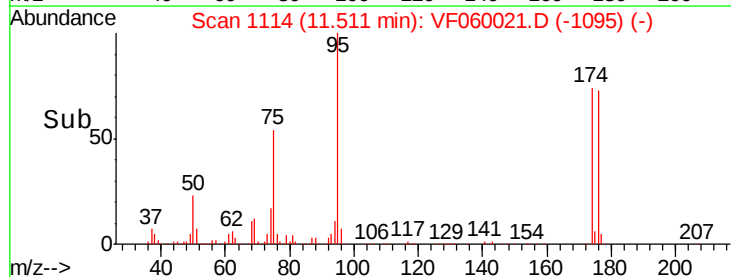
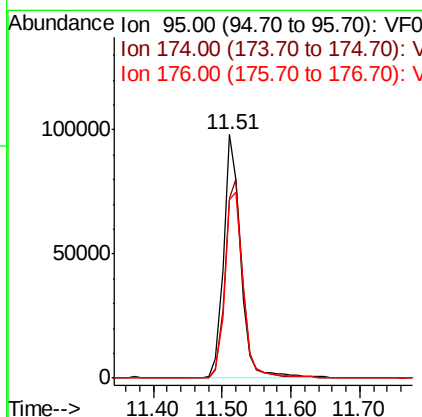
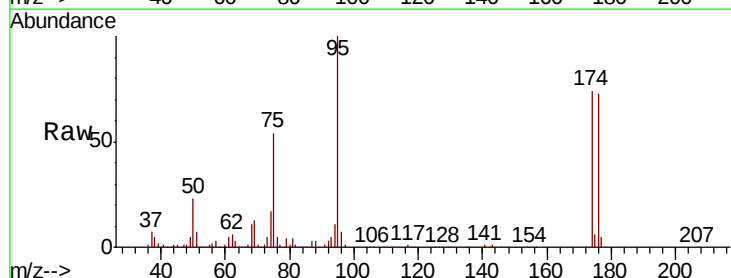
Instrument :
MSVOA_F
ClientSampleId :
Y-1803

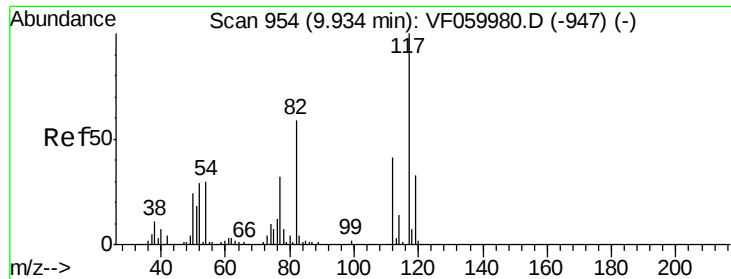
Tot Ion: 98 Resp: 339568
Ion Ratio Lower Upper
98 100
100 68.1 49.8 74.8



#62
4-Bromofluorobenzene
Concen: 39.79 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Tgt Ion: 95 Resp: 170104
Ion Ratio Lower Upper
95 100
174 73.8 0.0 169.8
176 73.1 0.0 167.8

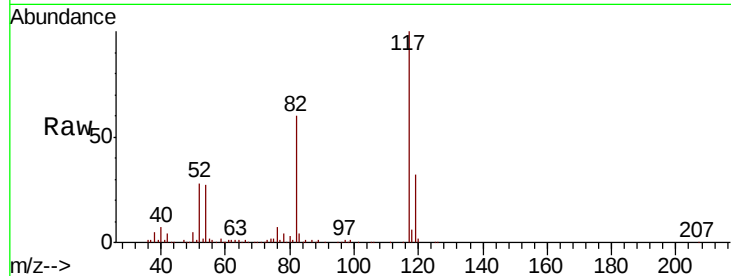




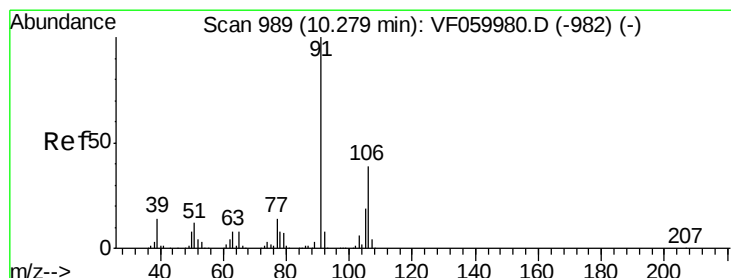
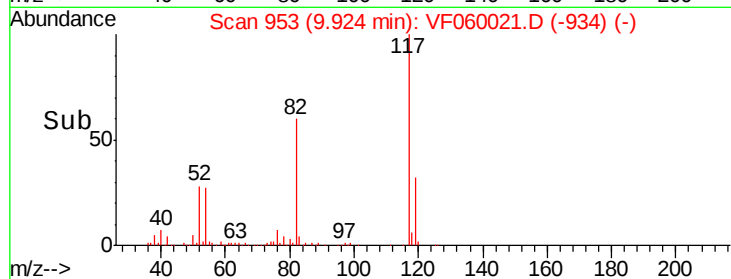
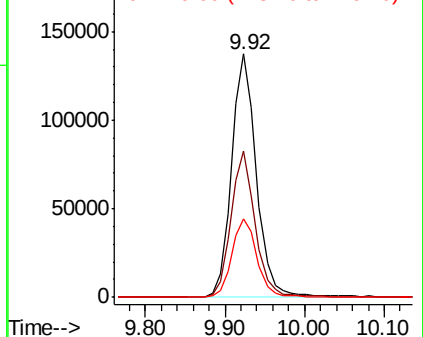
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Instrument :
MSVOA_F
ClientSampleId :
Y-1803

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	47.2	70.8
119	32.1	26.1	39.1

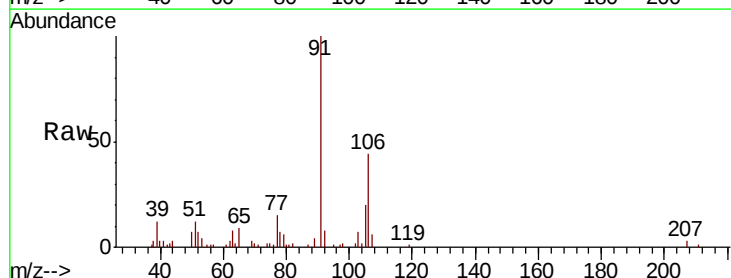


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

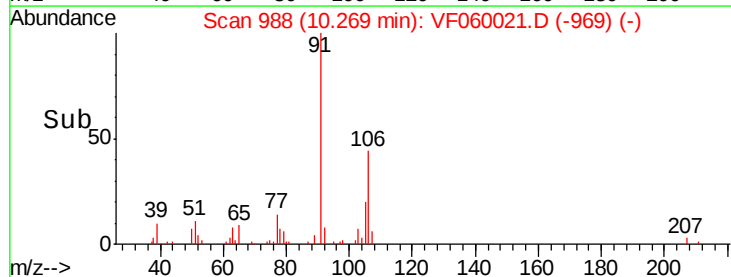
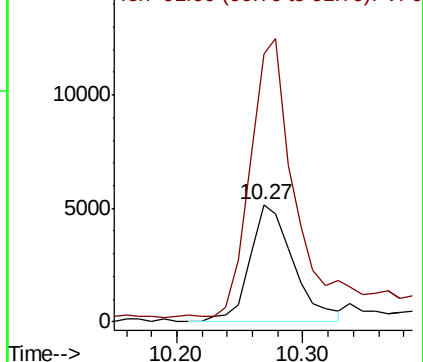


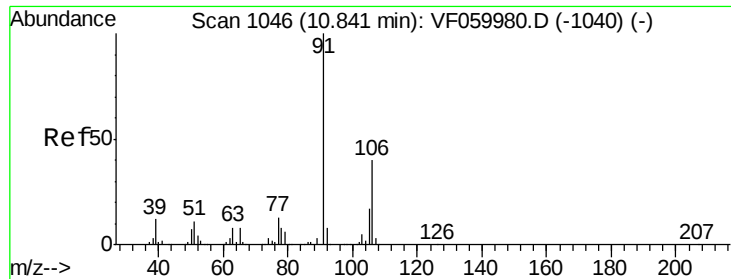
#68
m/p-Xylenes
Concen: 3.36 ug/l
RT: 10.27 min Scan# 988
Delta R.T. -0.01 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Tgt Ion	Ratio	Lower	Upper
106	100		
91	229.1	203.5	305.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

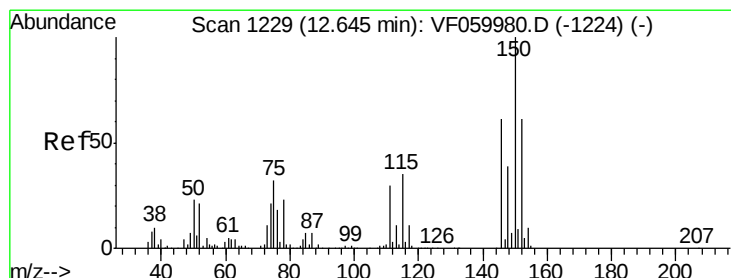
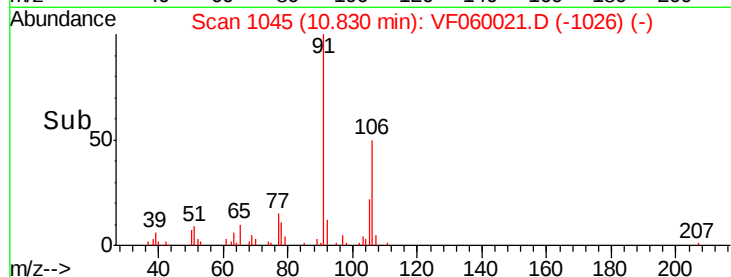
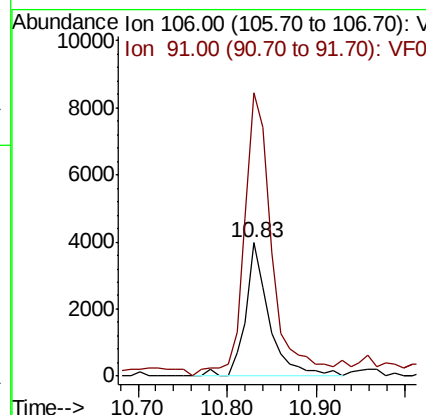
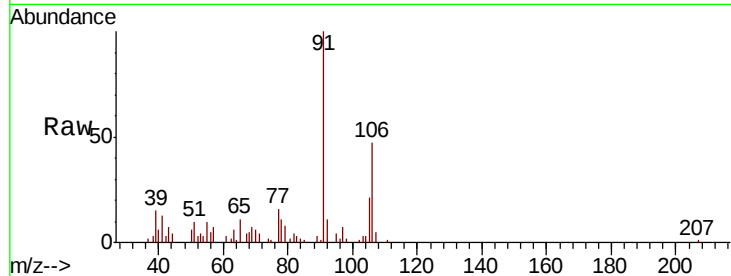




#69
o-Xylene
Concen: 1.90 ug/l
RT: 10.83 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

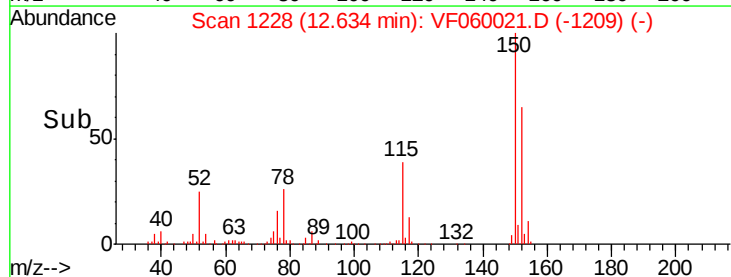
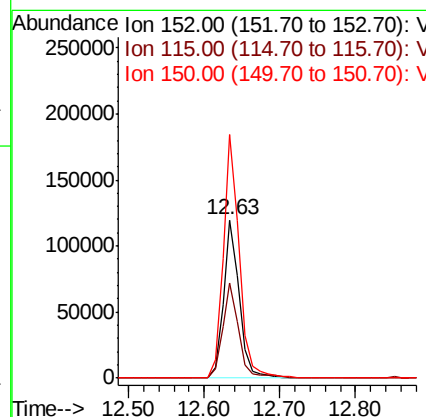
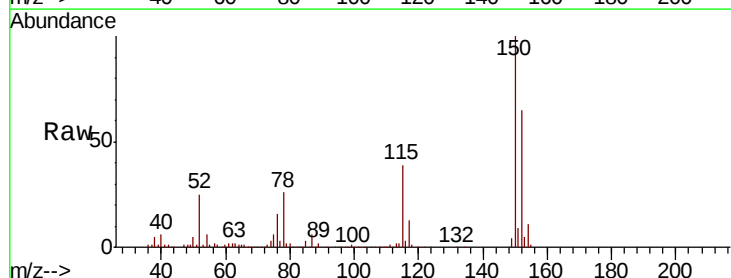
Instrument :
MSVOA_F
ClientSampled :
Y-1803

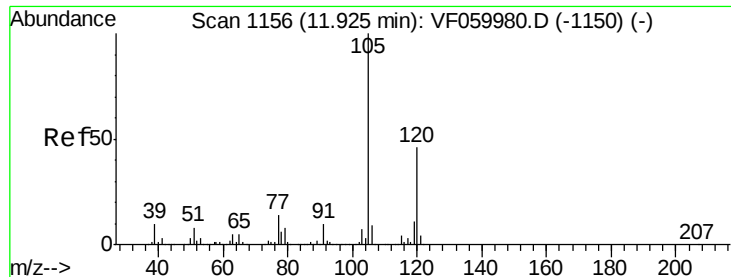
Tot Ion:106 Resp: 7228
Ion Ratio Lower Upper
106 100
91 212.3 125.4 376.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Tgt Ion:152 Resp: 176151
Ion Ratio Lower Upper
152 100
115 60.5 29.1 87.3
150 154.1 0.0 330.2





#80

1,3,5-Trimethylbenzene

Concen: 2.57 ug/l

RT: 11.91 min Scan# 1155

Delta R.T. -0.01 min

Lab File: VF060021.D

Acq: 21 Aug 2018 00:02

Instrument :

MSVOA_F

ClientSampleId :

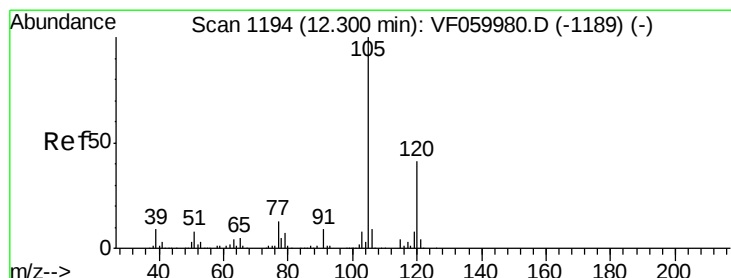
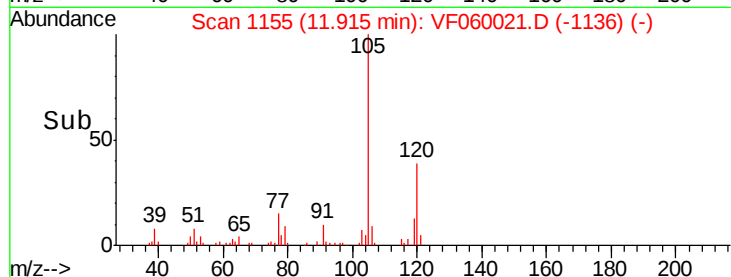
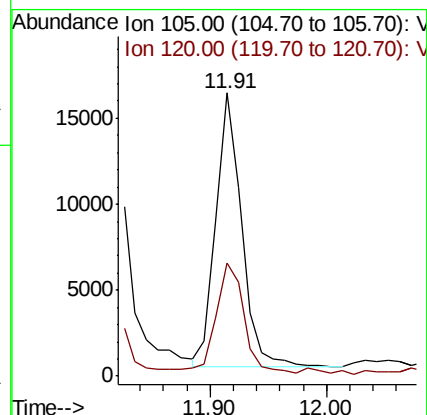
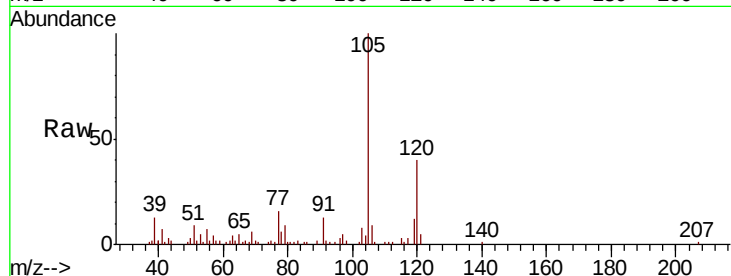
Y-1803

Tot Ion:105 Resp: 24536

Ion Ratio Lower Upper

105 100

120 40.0 22.9 68.7



#84

1,2,4-Trimethylbenzene

Concen: 7.98 ug/l

RT: 12.29 min Scan# 1193

Delta R.T. -0.01 min

Lab File: VF060021.D

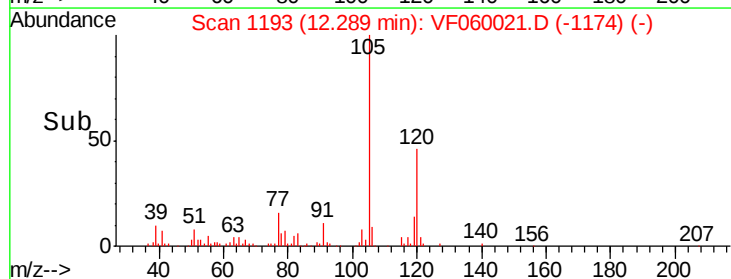
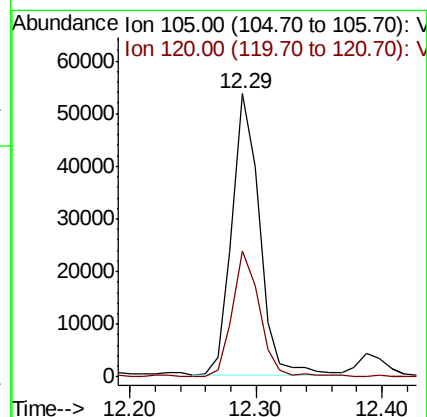
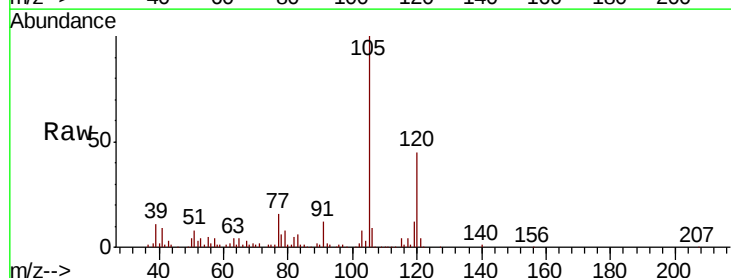
Acq: 21 Aug 2018 00:02

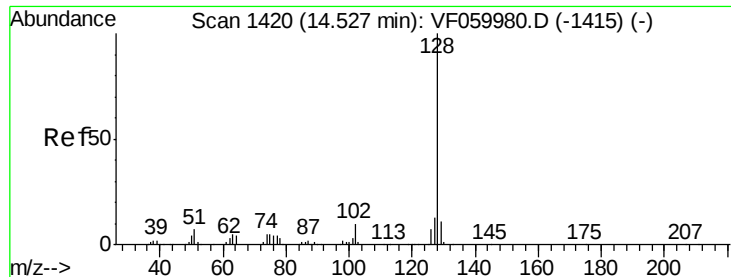
Tgt Ion:105 Resp: 80276

Ion Ratio Lower Upper

105 100

120 44.5 20.9 62.7





#95
Naphthalene
Concen: 1.51 ug/l
RT: 14.53 min Scan# 1420
Delta R.T. -0.00 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Instrument :
MSVOA_F
ClientSampleId :
Y-1803

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.4	10.2	15.2#
129	11.0	9.0	13.4

