

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051419\
 Data File : VF062600.D
 Acq On : 15 May 2019 00:53
 Operator : FY/SY
 Sample : K2761-02
 Misc : 5.13g/5mL/MSVOA F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: May 15 05:56:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051419S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 05:06:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	179946	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.80	114	287912	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	149608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	32516	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.06	65	53725	39.52	ug/l	0.00
Spiked Amount				50.000		
Recovery						79.04%
35) Dibromofluoromethane	4.31	113	1653	0.77	ug/l	-0.03
Spiked Amount				50.000		
Recovery						1.54%
50) Toluene-d8	7.73	98	189670	37.56	ug/l	0.00
Spiked Amount				50.000		
Recovery						75.12%
62) 4-Bromofluorobenzene	11.51	95	43313	24.56	ug/l	0.00
Spiked Amount				50.000		
Recovery						49.12%

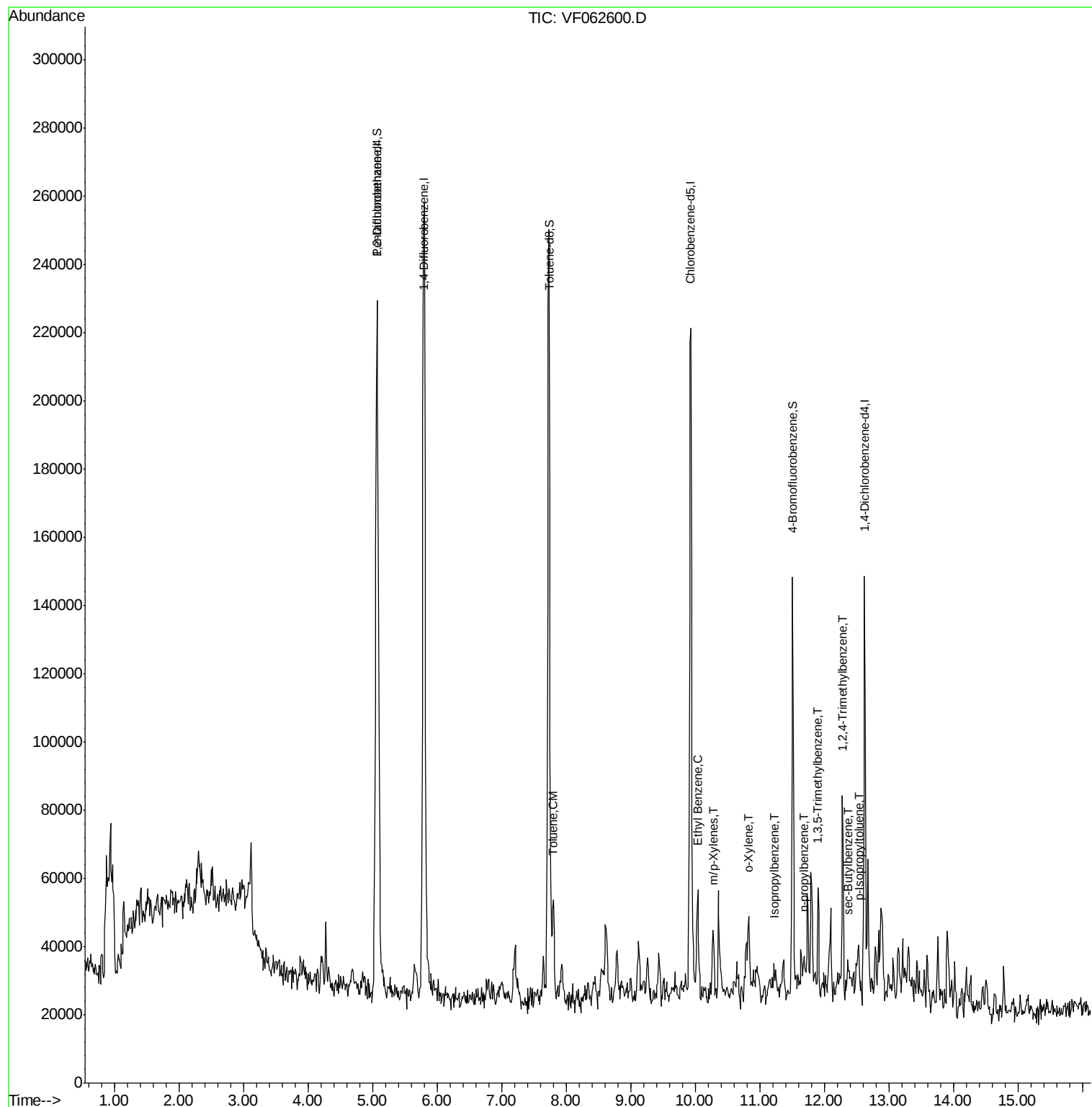
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
52) Toluene	7.79	92	13529	3.803	ug/l	# 69
67) Ethyl Benzene	10.05	91	8917	1.930	ug/l	100
68) m/p-Xylenes	10.27	106	8263	5.045	ug/l	100
69) o-Xylene	10.83	106	6482	3.773	ug/l	76
73) Isopropylbenzene	11.22	105	4193	1.918	ug/l	93
78) n-propylbenzene	11.68	91	9053	3.481	ug/l	91
80) 1,3,5-Trimethylbenzene	11.90	105	13885m	8.113	ug/l	
84) 1,2,4-Trimethylbenzene	12.28	105	26229	15.602	ug/l	96
85) sec-Butylbenzene	12.37	105	5081	2.091	ug/l	95
86) p-Isopropyltoluene	12.53	119	4489m	2.244	ug/l	

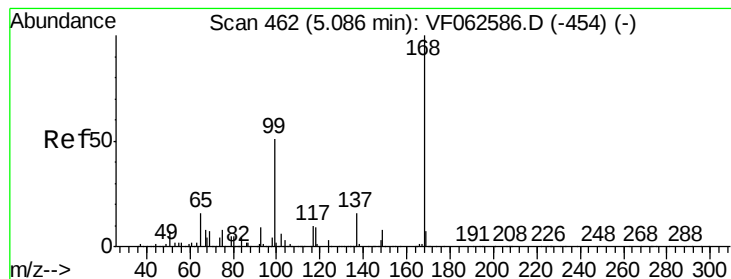
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051419\
Data File : VF062600.D
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Quant Time: May 15 05:56:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051419S.M
Quant Title : SW846 8260
QLast Update : Wed May 15 05:06:28 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.02 min

Lab File: VF062600.D

Acq: 15 May 2019 00:53

Instrument :

MSVOA_F

ClientSampleId :

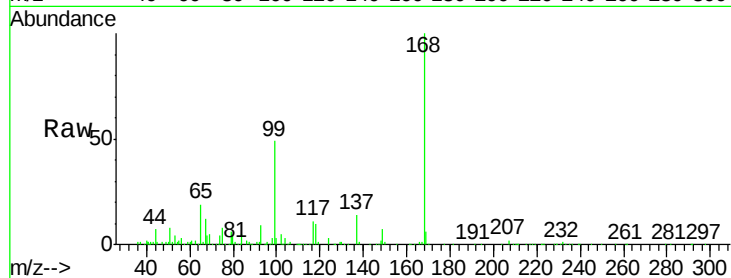
FK-SF-03-006-A

Tot Ion:168 Resp: 179946

Ion Ratio Lower Upper

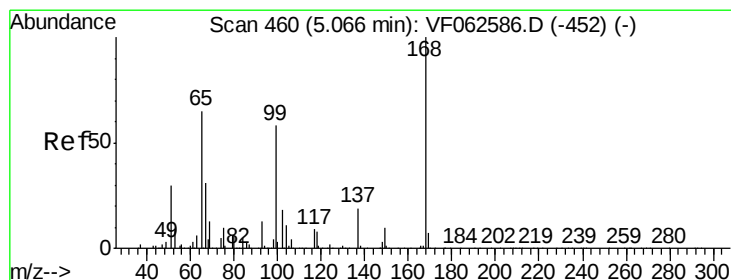
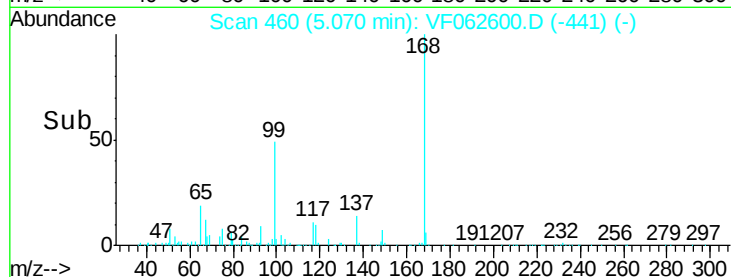
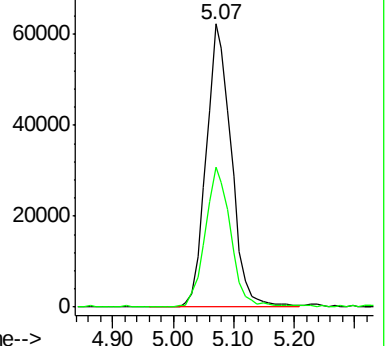
168 100

99 49.5 41.0 61.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 39.521 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.01 min

Lab File: VF062600.D

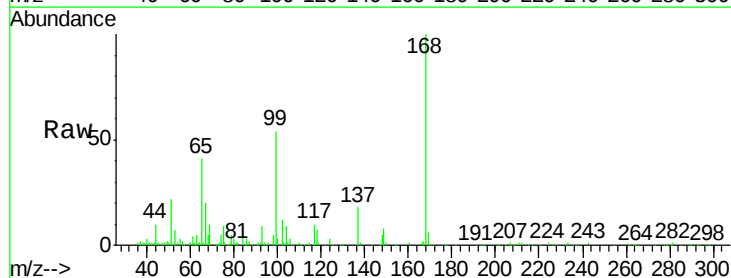
Acq: 15 May 2019 00:53

Tgt Ion: 65 Resp: 53725

Ion Ratio Lower Upper

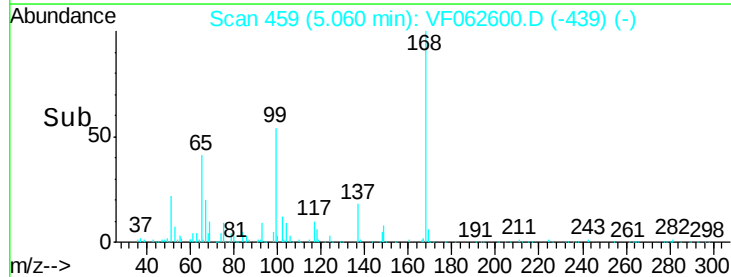
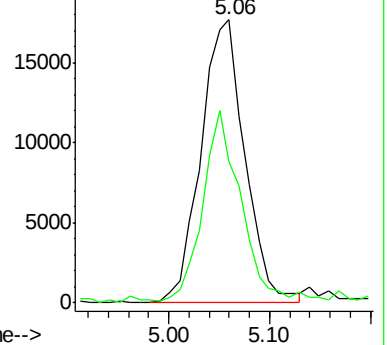
65 100

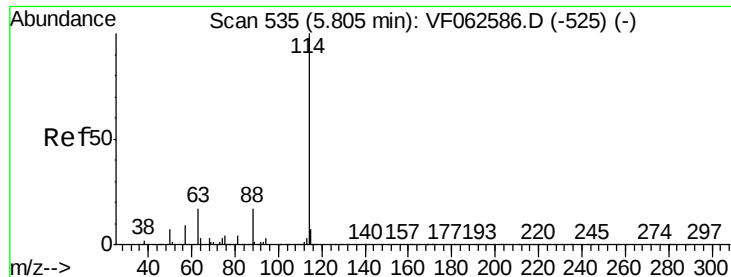
67 49.8 0.0 116.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. -0.01 min

Lab File: VF062600.D

Acq: 15 May 2019 00:53

Instrument :

MSVOA_F

ClientSampleId :

FK-SF-03-006-A

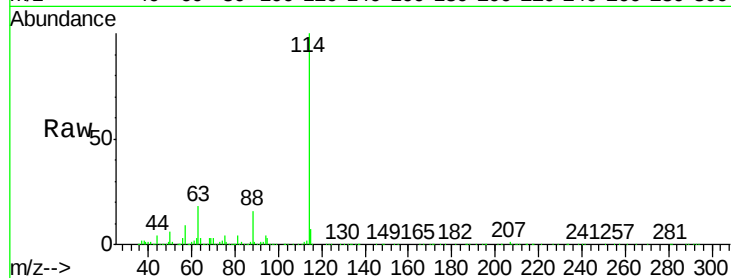
Tot Ion:114 Resp: 287912

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.6

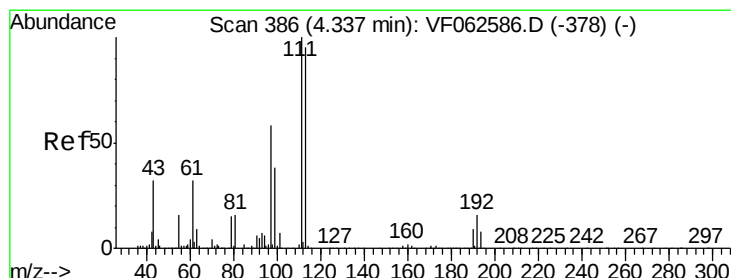
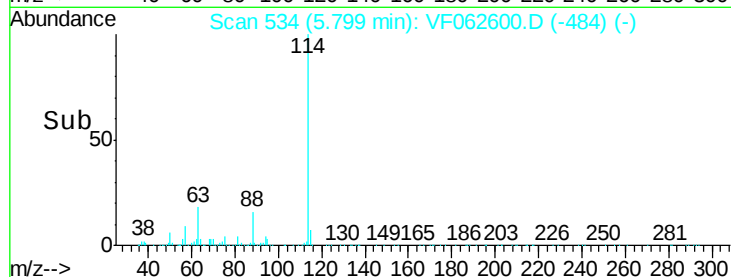
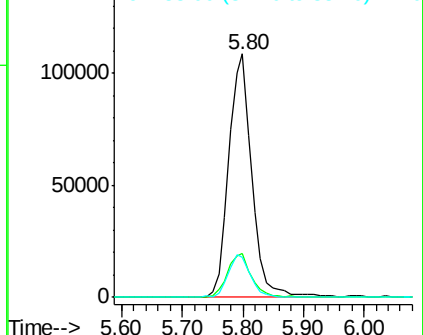
88 16.2 0.0 33.6



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: 0.771 ug/l

RT: 4.31 min Scan# 383

Delta R.T. -0.03 min

Lab File: VF062600.D

Acq: 15 May 2019 00:53

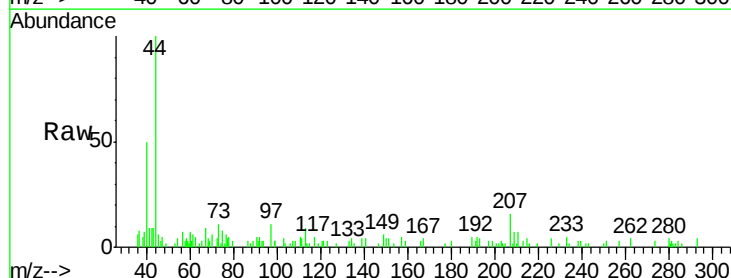
Tgt Ion:113 Resp: 1653

Ion Ratio Lower Upper

113 100

111 102.9 83.9 125.9

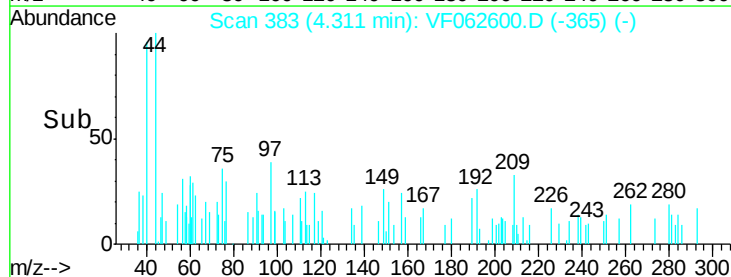
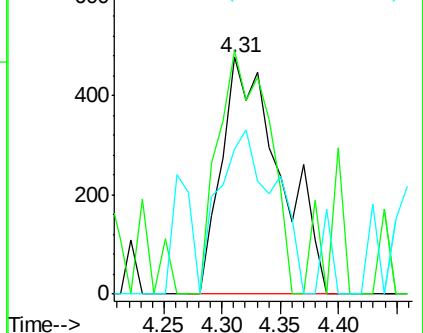
192 61.0 13.7 20.5#

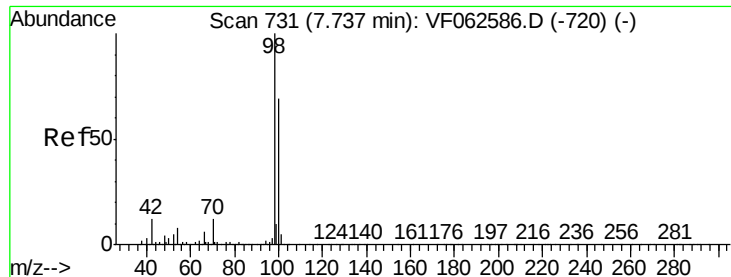


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

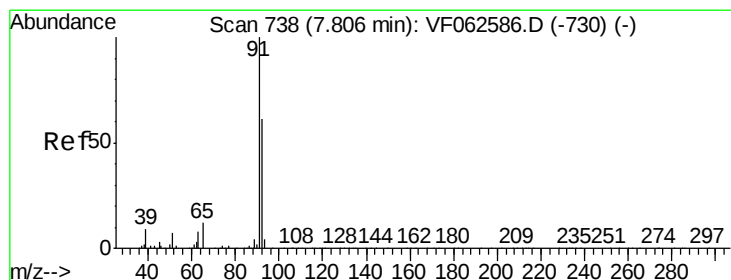
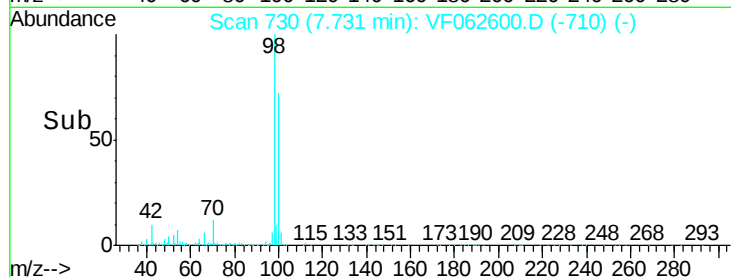
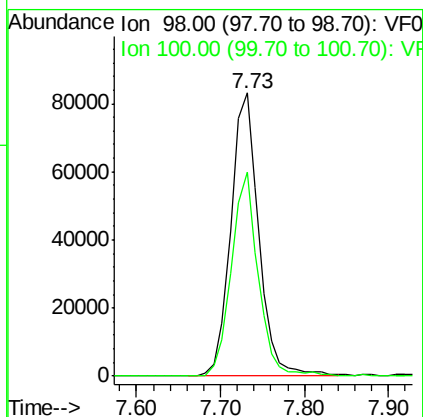
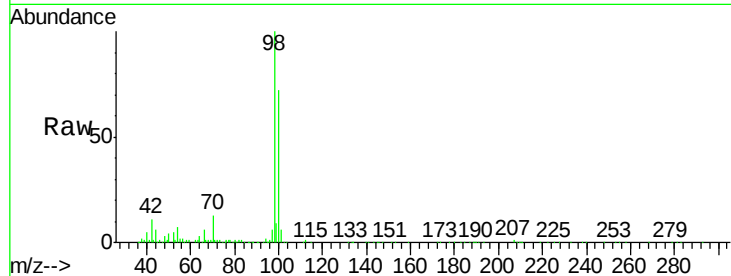




#50
Toluene-d8
Concen: 37.562 ug/l
RT: 7.73 min Scan# 730
Delta R.T. -0.01 min
Lab File: VF062600.D
Acq: 15 May 2019 00:53

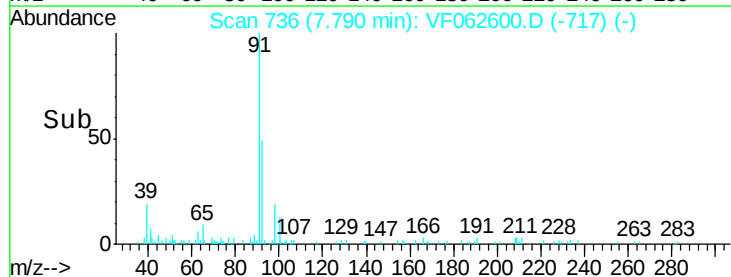
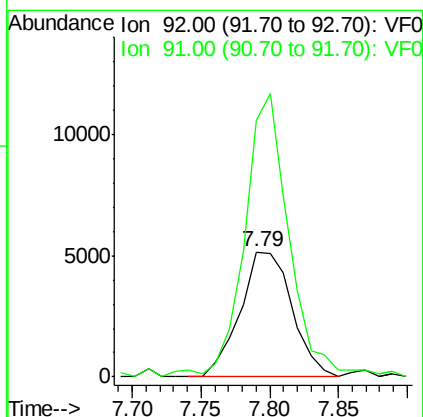
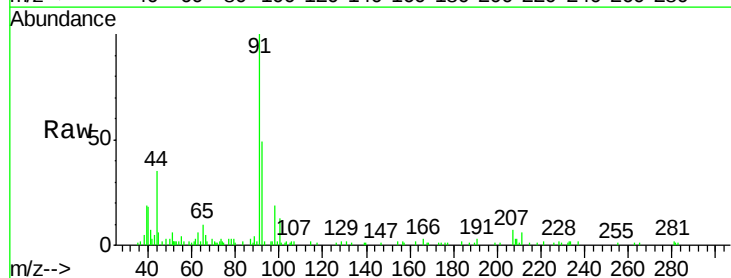
Instrument :
MSVOA_F
ClientSampleId :
FK-SF-03-006-A

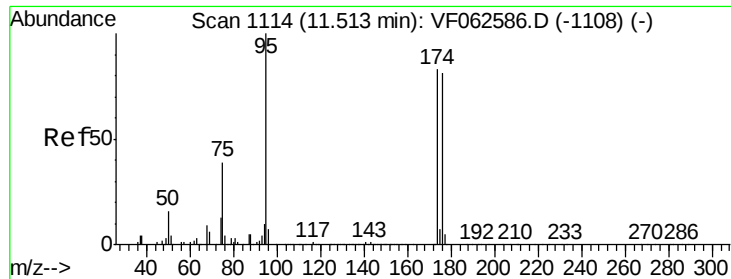
Tot Ion: 98 Resp: 189670
Ion Ratio Lower Upper
98 100
100 72.3 55.4 83.0



#52
Toluene
Concen: 3.803 ug/l
RT: 7.79 min Scan# 736
Delta R.T. -0.02 min
Lab File: VF062600.D
Acq: 15 May 2019 00:53

Tgt Ion: 92 Resp: 13529
Ion Ratio Lower Upper
92 100
91 204.7 131.0 196.4#

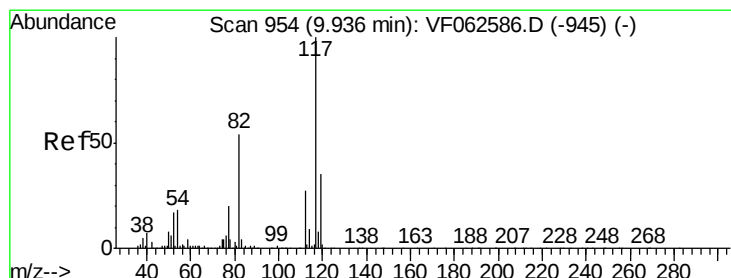
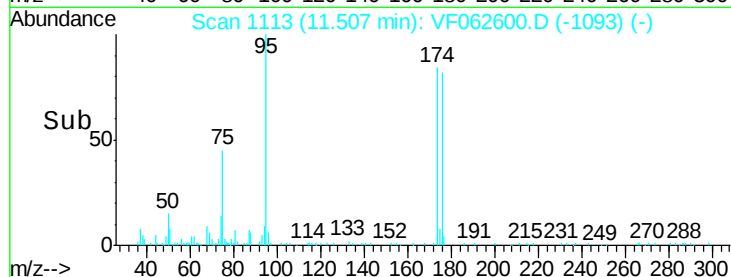
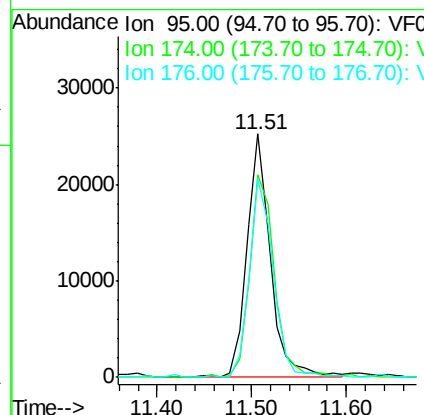
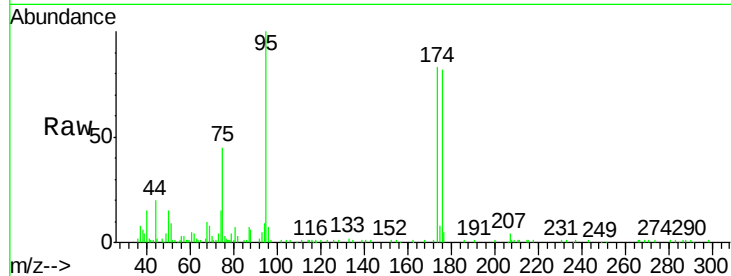




#62
4-Bromofluorobenzene
Concen: 24.561 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF062600.D
Acq: 15 May 2019 00:53

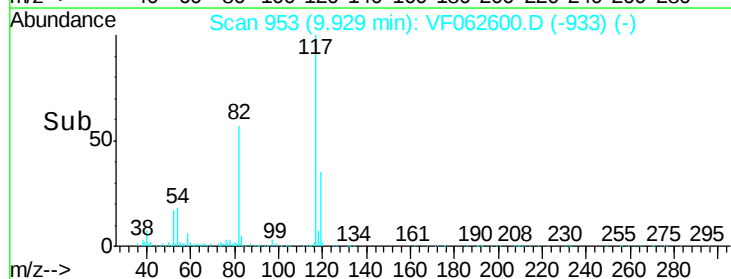
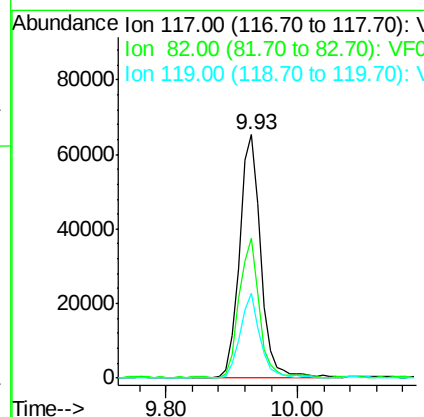
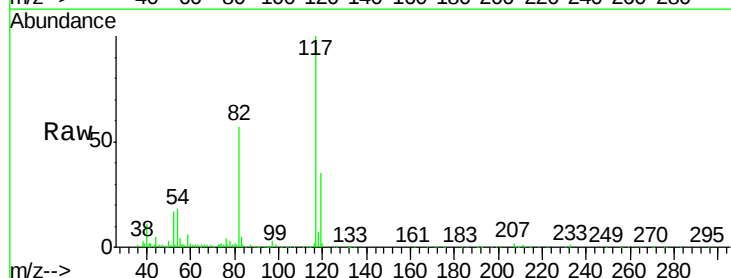
Instrument :
MSVOA_F
ClientSampleId :
FK-SF-03-006-A

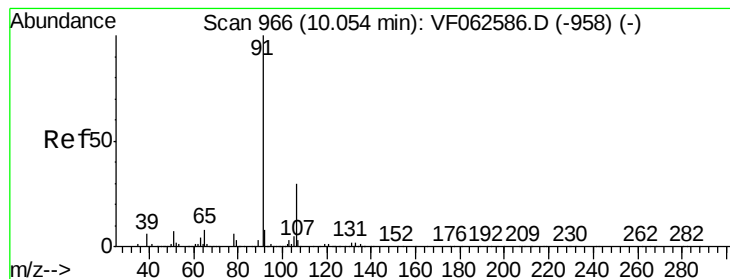
Tot Ion: 95 Resp: 43313
Ion Ratio Lower Upper
95 100
174 83.2 0.0 166.6
176 81.6 0.0 161.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF062600.D
Acq: 15 May 2019 00:53

Tgt Ion: 117 Resp: 149608
Ion Ratio Lower Upper
117 100
82 57.2 43.4 65.0
119 34.8 27.7 41.5





#67

Ethyl Benzene

Concen: 1.930 ug/l

RT: 10.05 min Scan# 965

Delta R.T. -0.01 min

Lab File: VF062600.D

Acq: 15 May 2019 00:53

Instrument :

MSVOA_F

ClientSampleId :

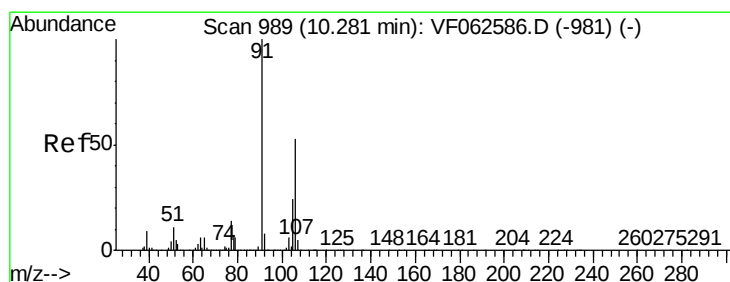
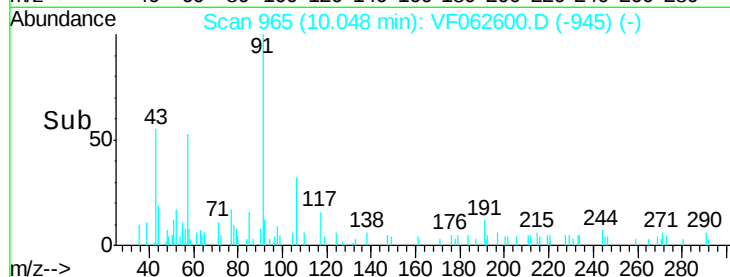
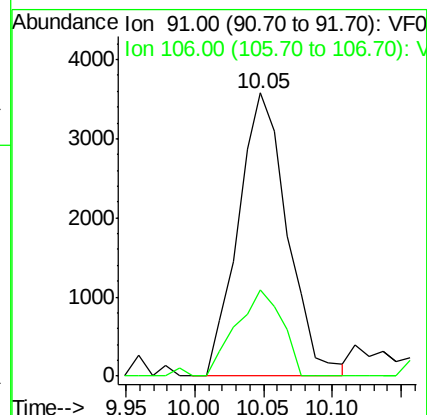
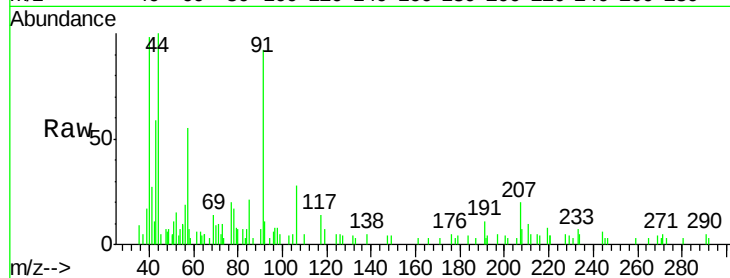
FK-SF-03-006-A

Tot Ion: 91 Resp: 8917

Ion Ratio Lower Upper

91 100

106 30.6 24.2 36.4



#68

m/p-Xylenes

Concen: 5.045 ug/l

RT: 10.27 min Scan# 988

Delta R.T. -0.01 min

Lab File: VF062600.D

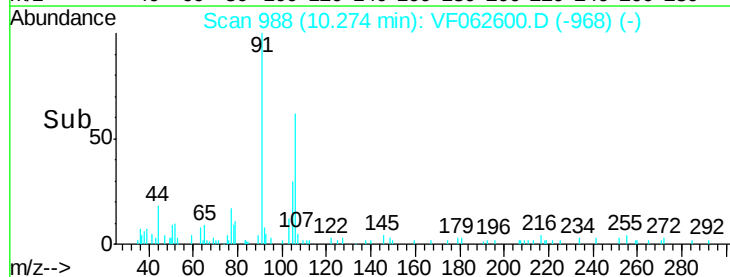
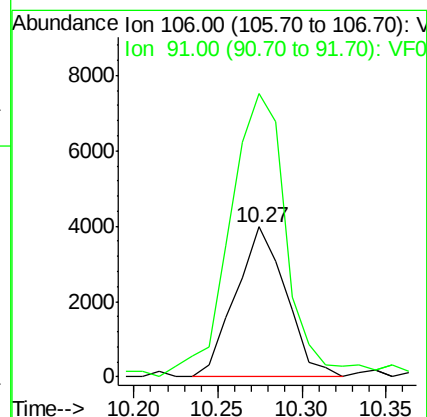
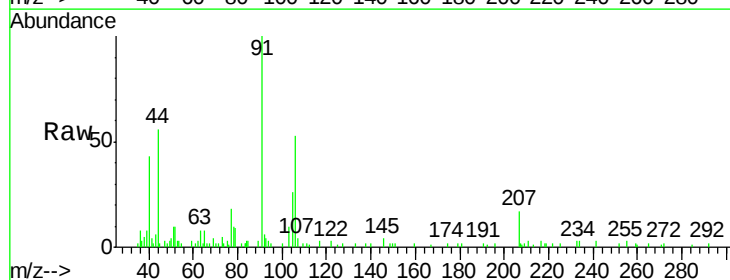
Acq: 15 May 2019 00:53

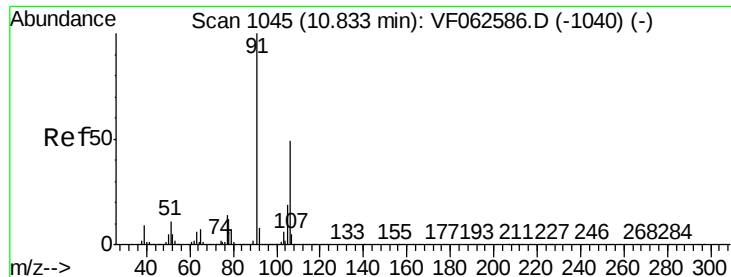
Tgt Ion: 106 Resp: 8263

Ion Ratio Lower Upper

106 100

91 188.7 150.5 225.7

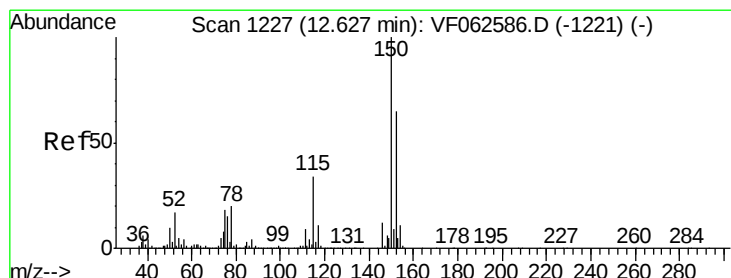
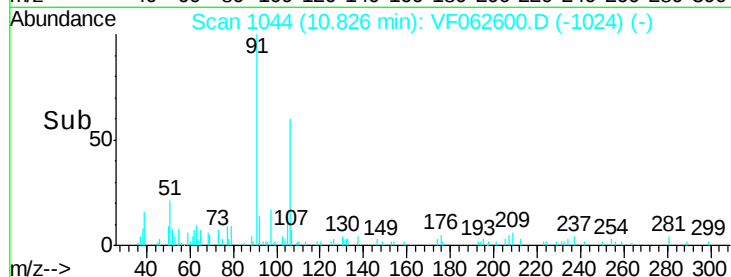
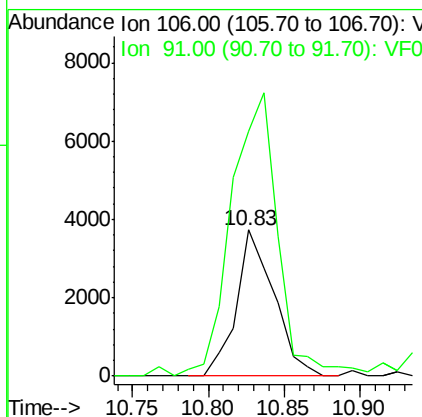
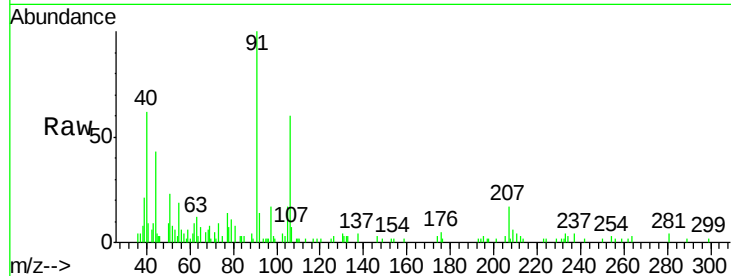




#69
o-Xylene
Concen: 3.773 ug/l
RT: 10.83 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VF062600.D
Acq: 15 May 2019 00:53

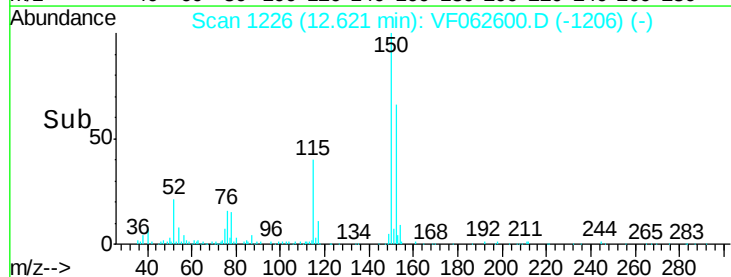
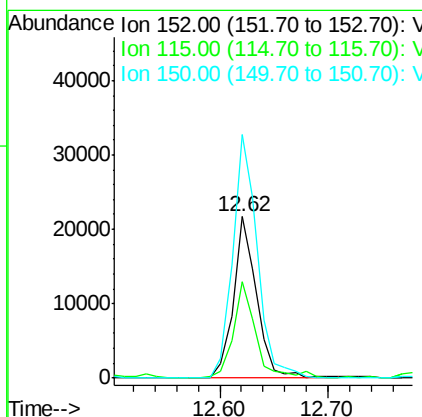
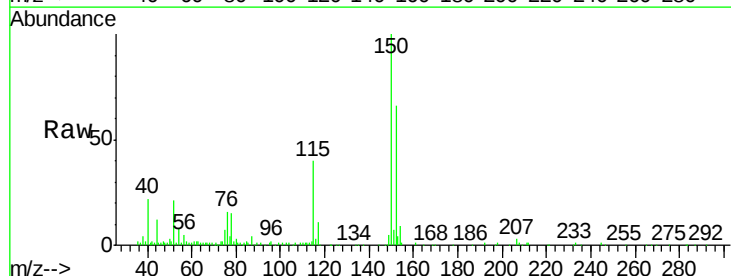
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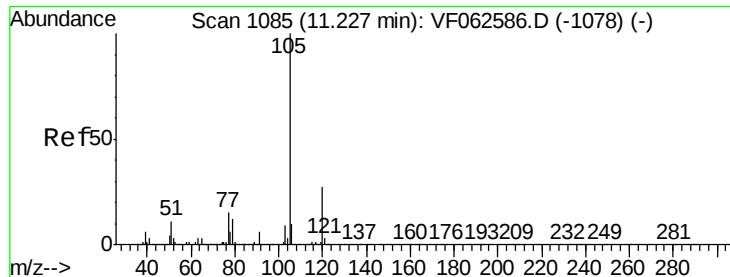
Tot Ion:106 Resp: 6482
Ion Ratio Lower Upper
106 100
91 167.6 102.0 305.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF062600.D
Acq: 15 May 2019 00:53

Tgt Ion:152 Resp: 32516
Ion Ratio Lower Upper
152 100
115 60.1 26.2 78.6
150 151.2 0.0 316.0





#73

Isopropylbenzene

Concen: 1.918 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VF062600.D

Acq: 15 May 2019 00:53

Instrument :

MSVOA_F

ClientSampleId :

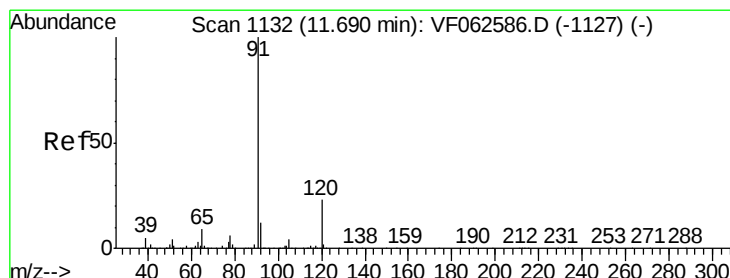
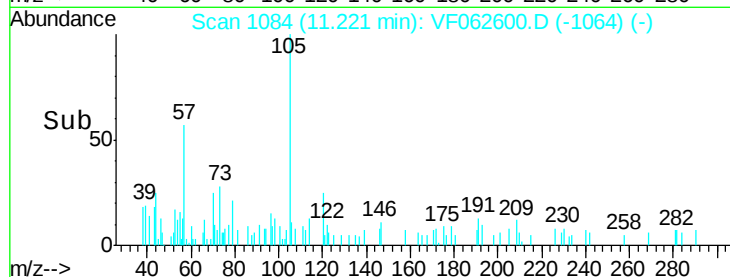
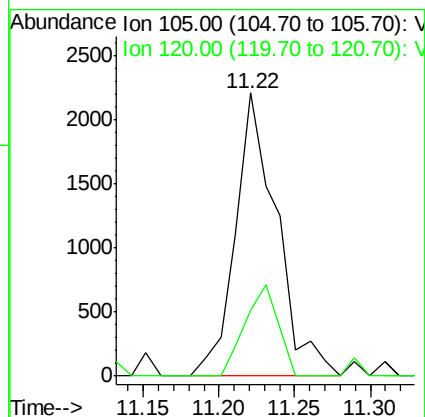
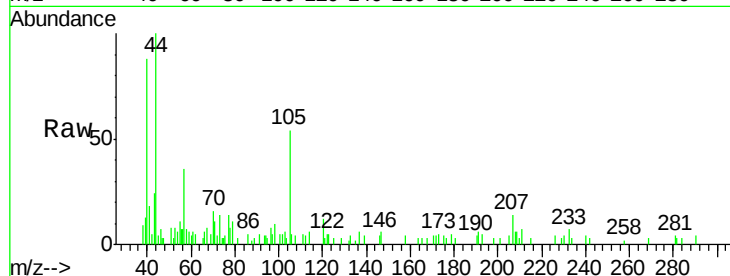
FK-SF-03-006-A

Tot Ion:105 Resp: 4193

Ion Ratio Lower Upper

105 100

120 23.1 13.5 40.4



#78

n-propylbenzene

Concen: 3.481 ug/l

RT: 11.68 min Scan# 1131

Delta R.T. -0.01 min

Lab File: VF062600.D

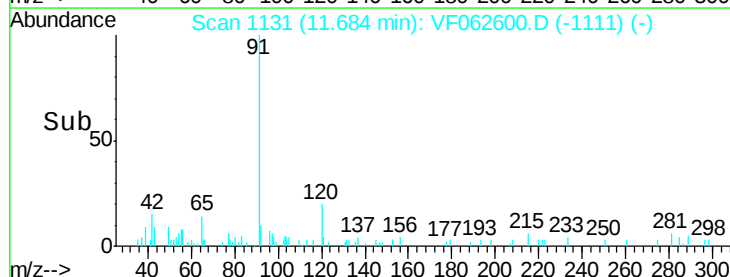
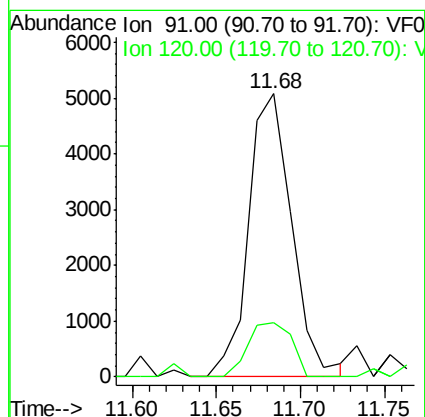
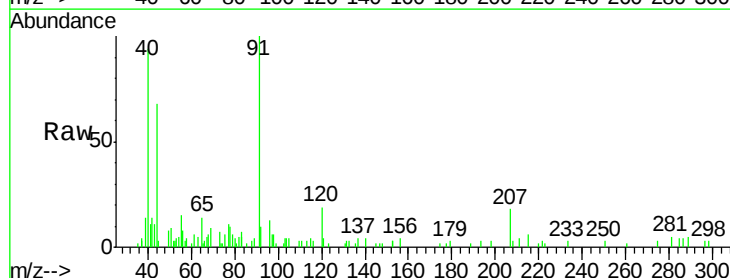
Acq: 15 May 2019 00:53

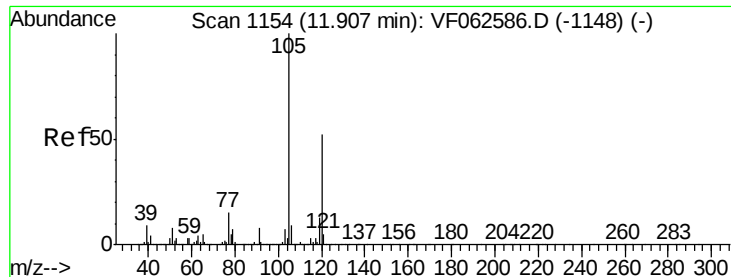
Tgt Ion: 91 Resp: 9053

Ion Ratio Lower Upper

91 100

120 19.0 11.7 35.1





#80

1,3,5-Trimethylbenzene

Concen: 8.113 ug/l m

RT: 11.90 min Scan# 1153

Delta R.T. -0.01 min

Lab File: VF062600.D

Acq: 15 May 2019 00:53

Instrument :

MSVOA_F

ClientSampleId :

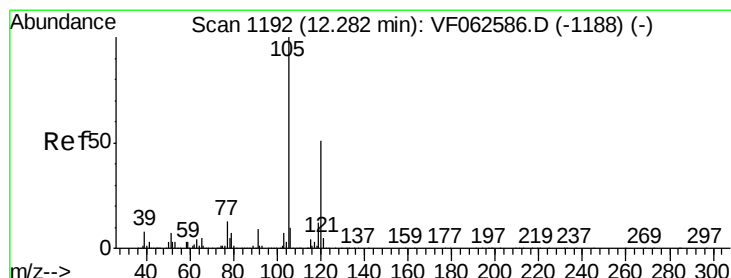
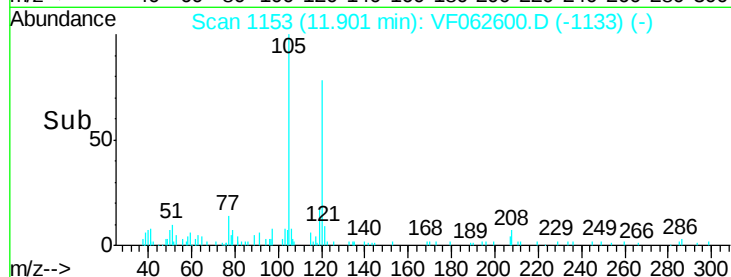
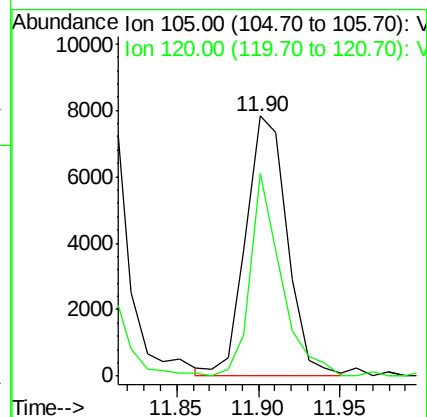
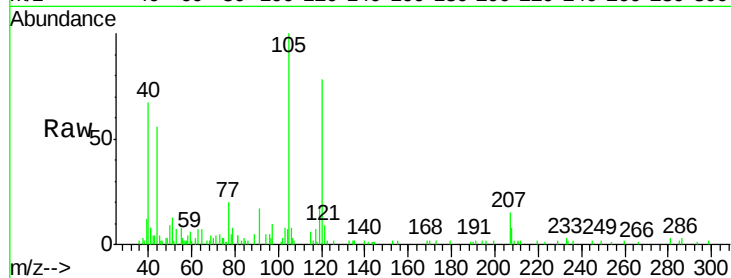
FK-SF-03-006-A

Tot Ion:105 Resp: 13885

Ion Ratio Lower Upper

105 100

120 78.1 25.9 77.6#



#84

1,2,4-Trimethylbenzene

Concen: 15.602 ug/l

RT: 12.28 min Scan# 1191

Delta R.T. -0.01 min

Lab File: VF062600.D

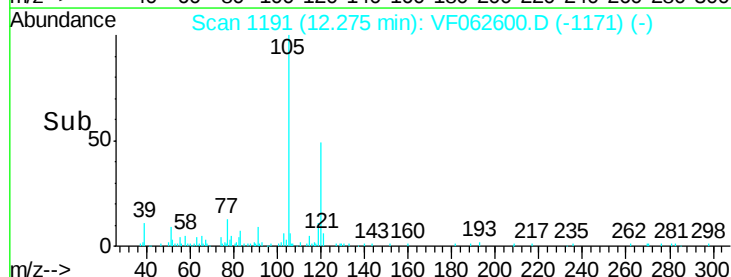
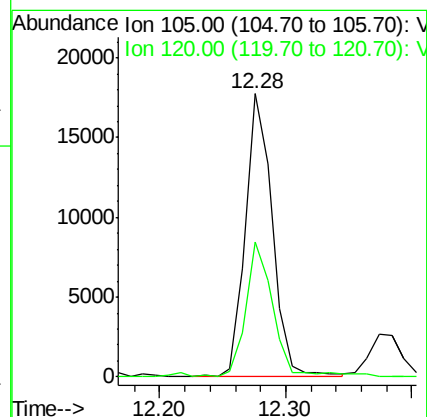
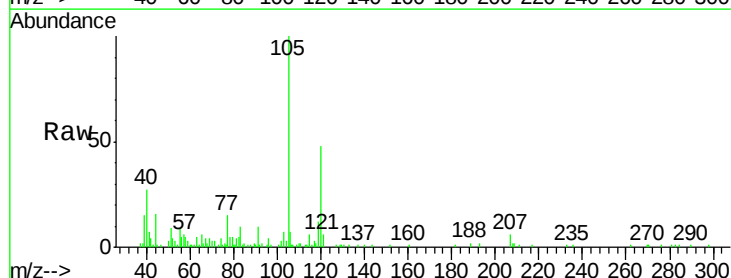
Acq: 15 May 2019 00:53

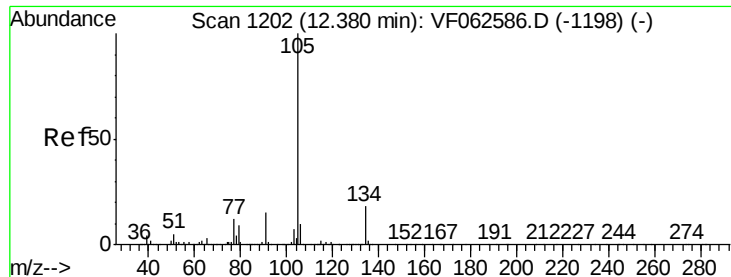
Tgt Ion:105 Resp: 26229

Ion Ratio Lower Upper

105 100

120 47.8 25.4 76.0

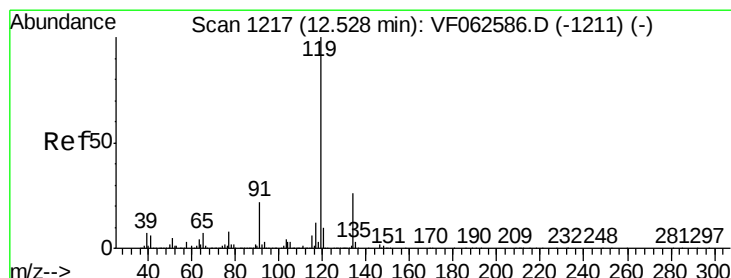
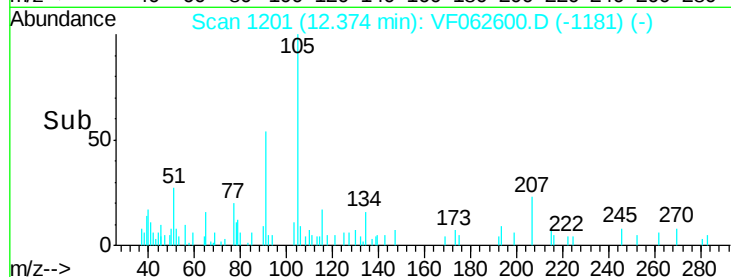
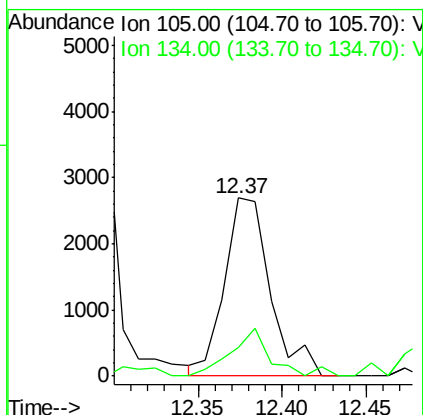
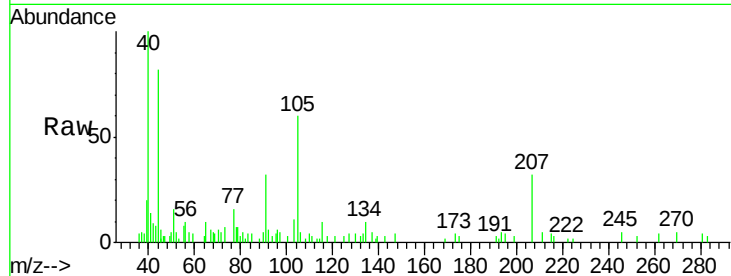




#85
 sec-Butylbenzene
 Concen: 2.091 ug/l
 RT: 12.37 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: VF062600.D
 Acq: 15 May 2019 00:53

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

Tot Ion:105 Resp: 5081
 Ion Ratio Lower Upper
 105 100
 134 16.4 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 2.244 ug/l m
 RT: 12.53 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VF062600.D
 Acq: 15 May 2019 00:53

Tgt Ion:119 Resp: 4489
 Ion Ratio Lower Upper
 119 100
 134 23.3 13.0 39.0
 91 23.1 10.9 32.9

