

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010219\
 Data File : VF061250.D
 Acq On : 2 Jan 2019 13:14
 Operator : VA/AP
 Sample : J6193-11
 Misc : 5.9a/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-122718-A

Quant Time: Jan 02 15:09:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

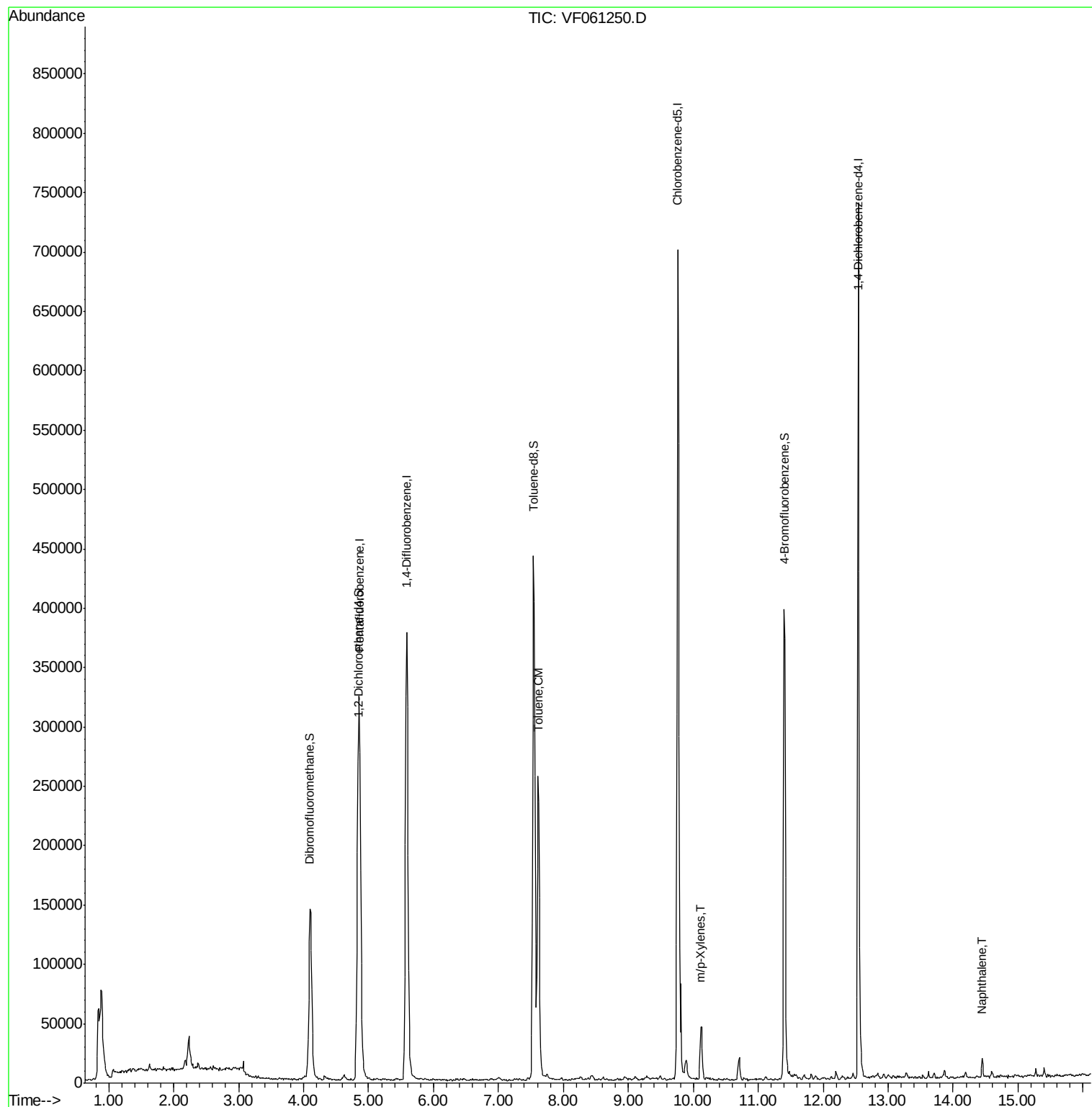
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	254939	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.59	114	422071	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.76	117	408994	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	172325	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	125840	38.38	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	76.76%	
35) Dibromofluoromethane	4.10	113	142777	42.23	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	84.46%	
50) Toluene-d8	7.54	98	367466	38.35	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	76.70%	
62) 4-Bromofluorobenzene	11.40	95	159802	36.18	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	72.36%	
Target Compounds						
52) Toluene	7.61	92	143727	19.818	ug/l	96
68) m/p-Xylenes	10.13	106	16125	2.977	ug/l	99
95) Naphthalene	14.45	128	10258	1.386	ug/l #	95

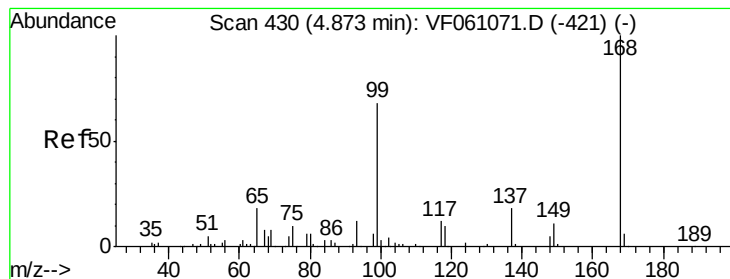
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF010219\
Data File : VF061250.D
Acq On : 2 Jan 2019 13:14
Operator : VA/AP
Sample : J6193-11
Misc : 5.9q/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
CL-02-122718-A

Quant Time: Jan 02 15:09:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF061250.D

Acq: 2 Jan 2019 13:14

Instrument :

MSVOA_F

ClientSampleId :

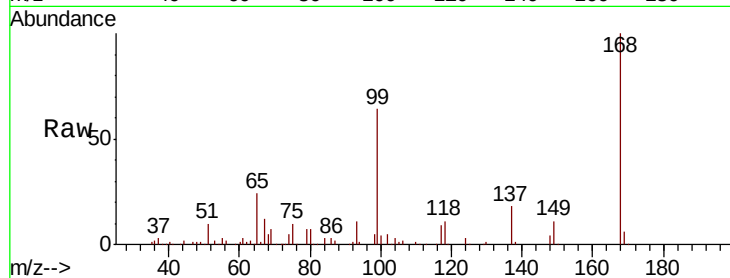
CL-02-122718-A

Tot Ion:168 Resp: 254939

Ion Ratio Lower Upper

168 100

99 64.0 54.4 81.6

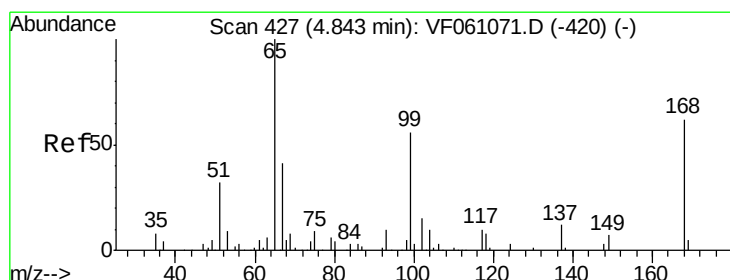
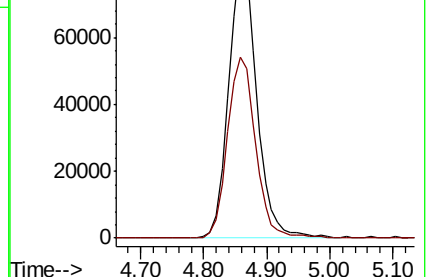
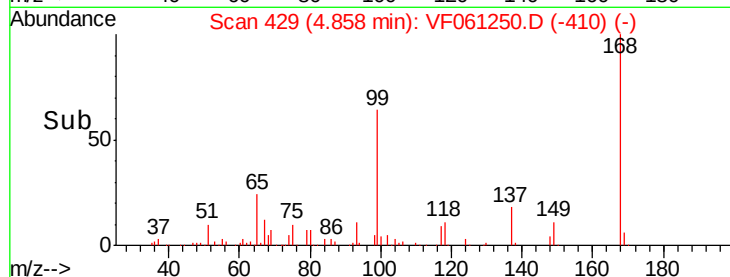


Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

Time-->



#33

1,2-Dichloroethane-d4

Concen: 38.378 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF061250.D

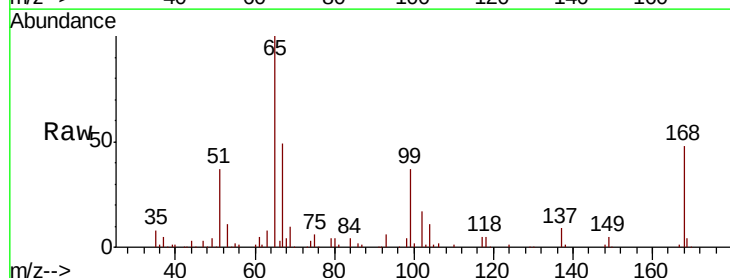
Acq: 2 Jan 2019 13:14

Tgt Ion: 65 Resp: 125840

Ion Ratio Lower Upper

65 100

67 49.5 0.0 94.6

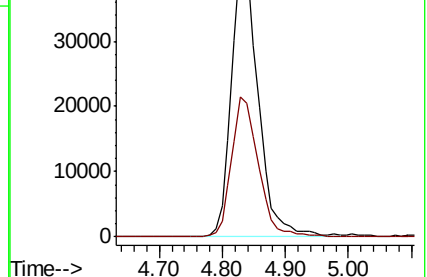
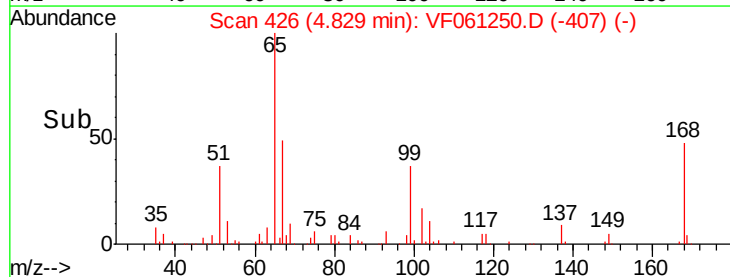


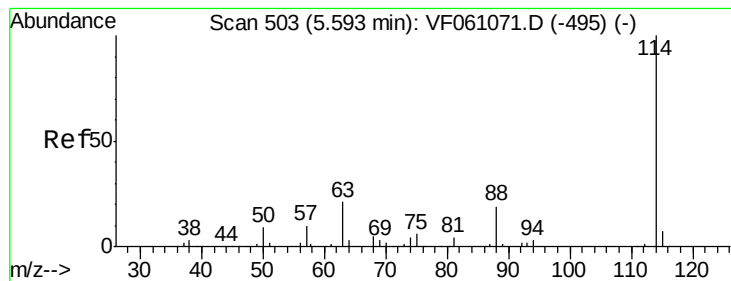
Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.00 min

Lab File: VF061250.D

Acq: 2 Jan 2019 13:14

Instrument :

MSVOA_F

ClientSampleId :

CL-02-122718-A

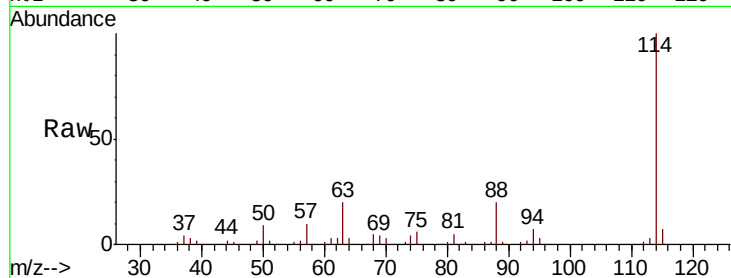
Tot Ion:114 Resp: 422071

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

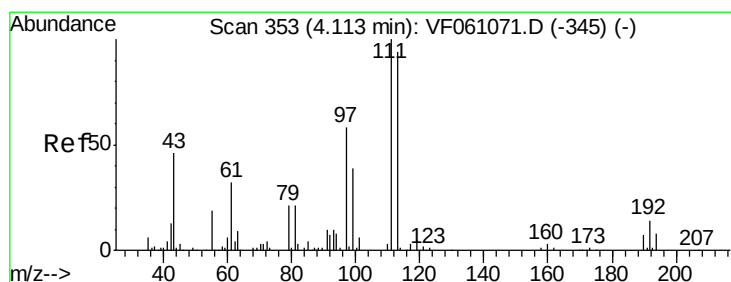
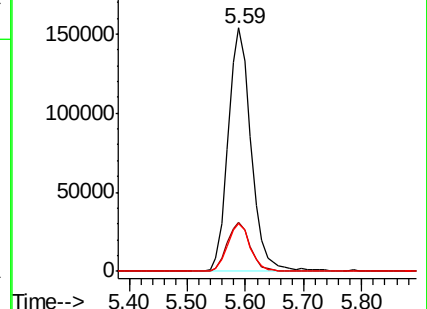
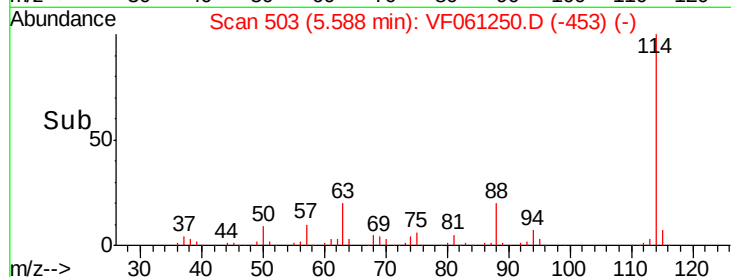
88 19.8 0.0 38.0



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: 42.229 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF061250.D

Acq: 2 Jan 2019 13:14

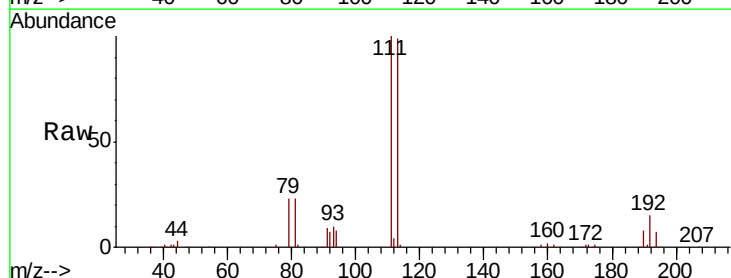
Tgt Ion:113 Resp: 142777

Ion Ratio Lower Upper

113 100

111 101.4 85.2 127.8

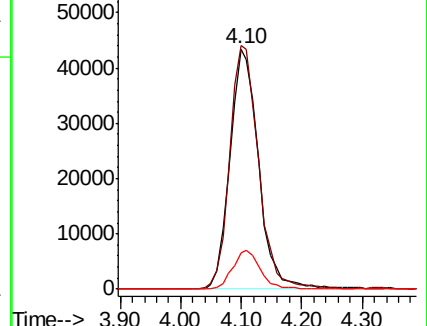
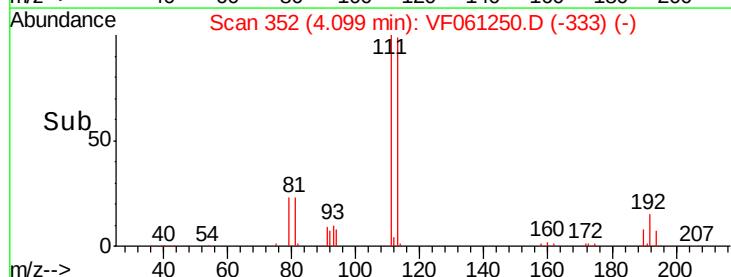
192 14.9 12.8 19.2

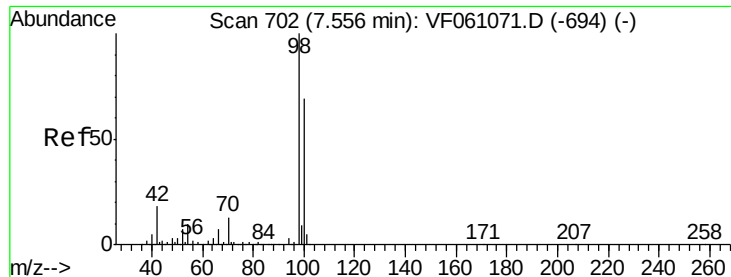


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 38.352 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.01 min

Lab File: VF061250.D

Acq: 2 Jan 2019 13:14

Instrument :

MSVOA_F

ClientSampleId :

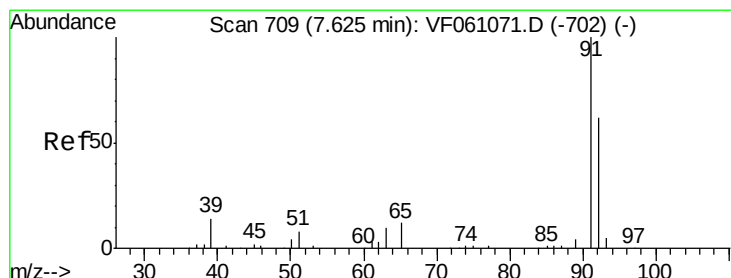
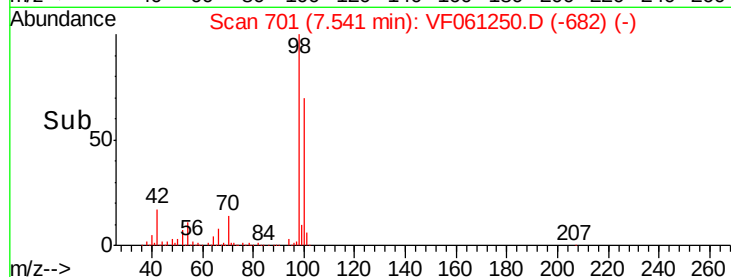
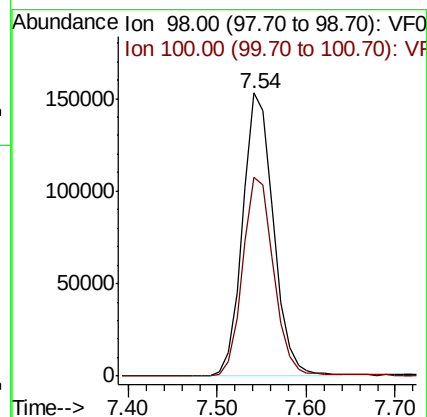
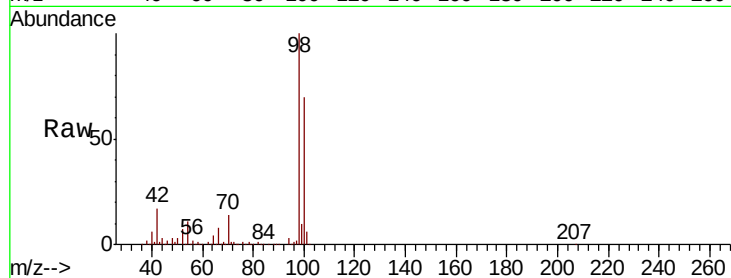
CL-02-122718-A

Tot Ion: 98 Resp: 367466

Ion Ratio Lower Upper

98 100

100 70.4 55.3 82.9



#52

Toluene

Concen: 19.818 ug/l

RT: 7.61 min Scan# 708

Delta R.T. -0.01 min

Lab File: VF061250.D

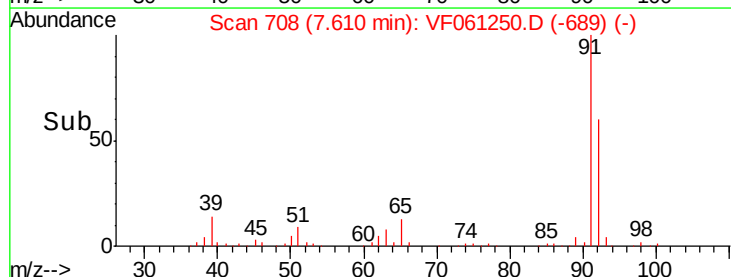
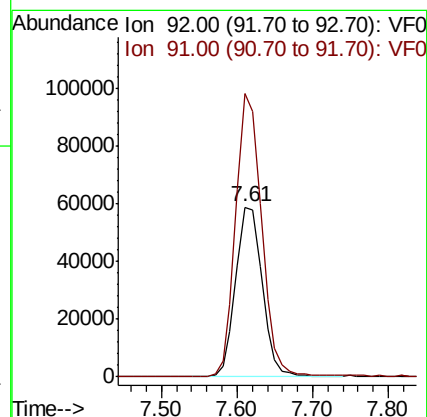
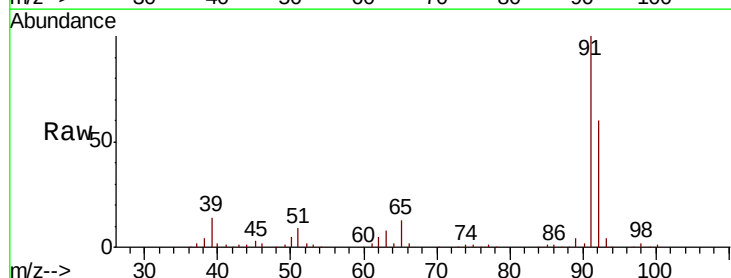
Acq: 2 Jan 2019 13:14

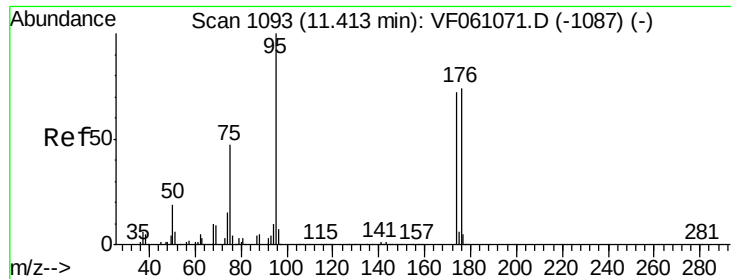
Tgt Ion: 92 Resp: 143727

Ion Ratio Lower Upper

92 100

91 166.5 128.8 193.2





#62

4-Bromofluorobenzene

Concen: 36.177 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF061250.D

Acq: 2 Jan 2019 13:14

Instrument :

MSVOA_F

ClientSampleId :

CL-02-122718-A

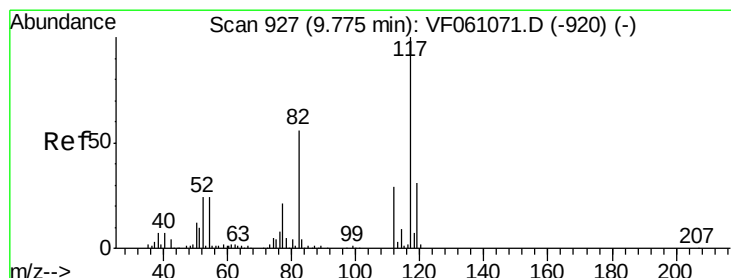
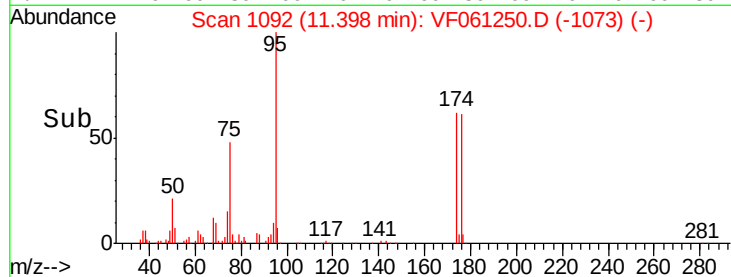
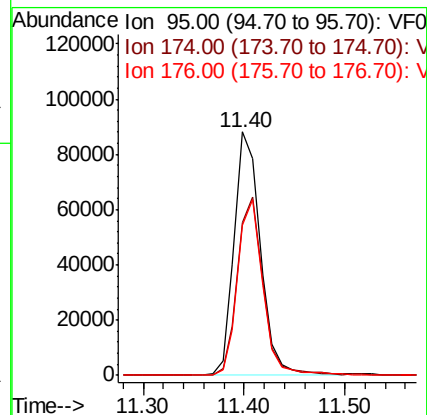
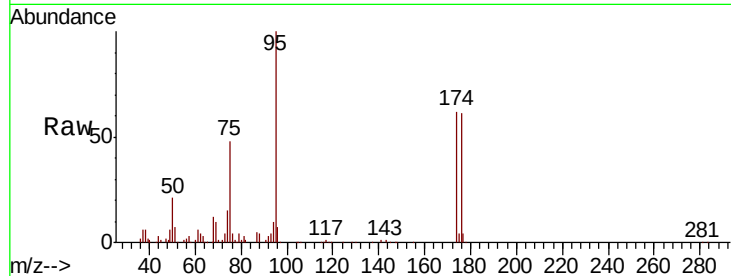
Tot Ion: 95 Resp: 159802

Ion Ratio Lower Upper

95 100

174 62.5 0.0 143.8

176 61.4 0.0 147.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.76 min Scan# 926

Delta R.T. -0.01 min

Lab File: VF061250.D

Acq: 2 Jan 2019 13:14

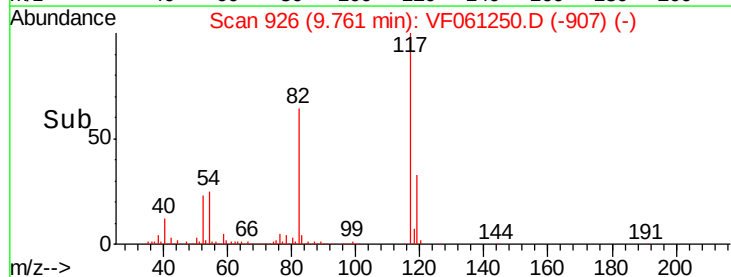
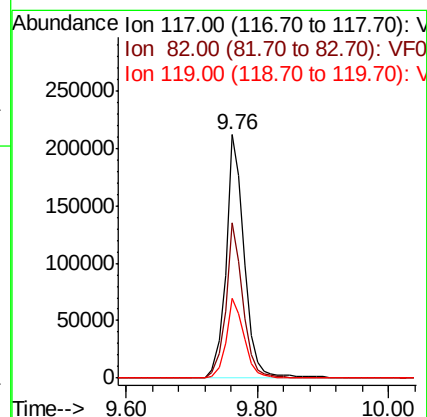
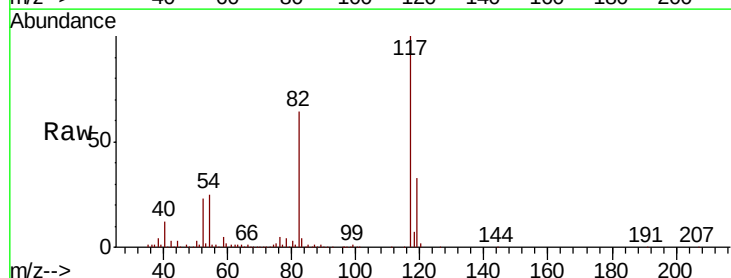
Tgt Ion: 117 Resp: 408994

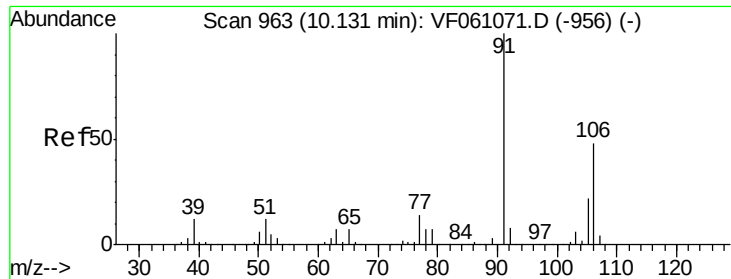
Ion Ratio Lower Upper

117 100

82 63.7 45.0 67.4

119 32.5 24.8 37.2

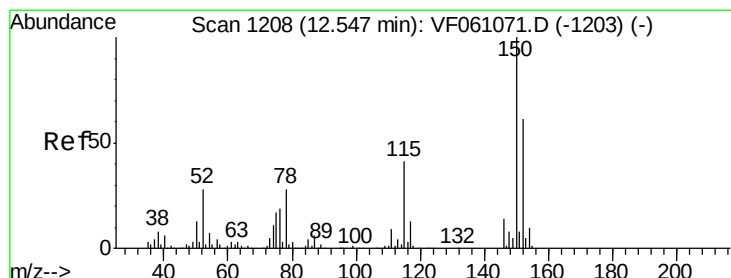
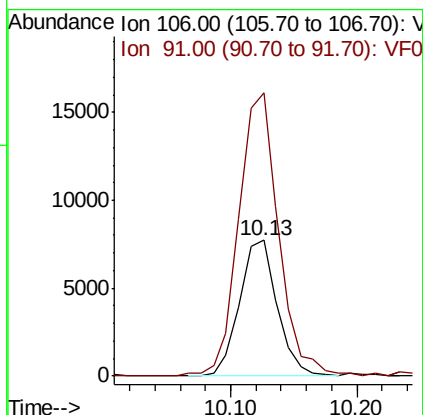
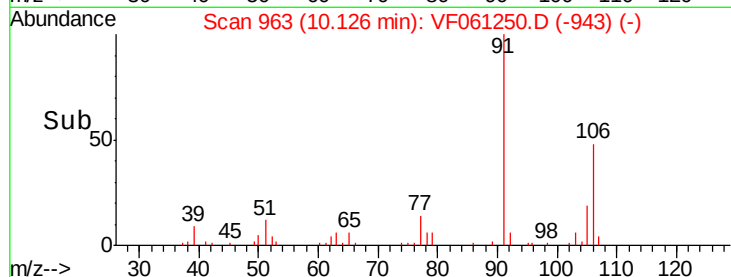
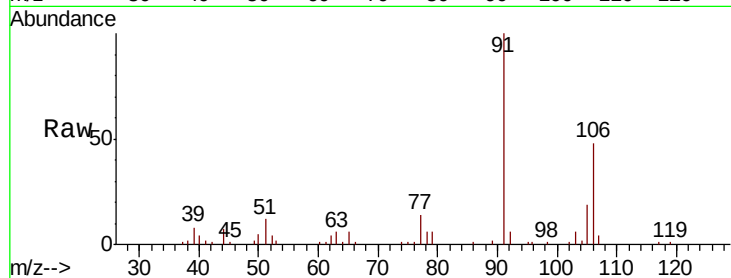




#68
m/p-Xylenes
Concen: 2.977 ug/l
RT: 10.13 min Scan# 963
Delta R.T. -0.00 min
Lab File: VF061250.D
Acq: 2 Jan 2019 13:14

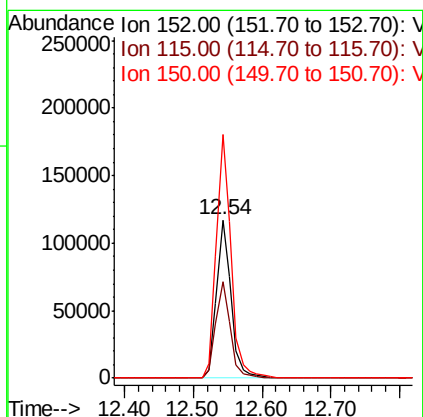
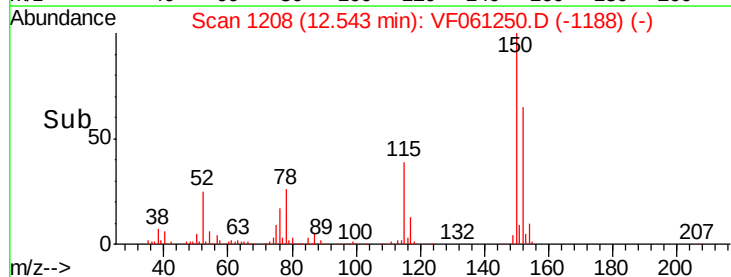
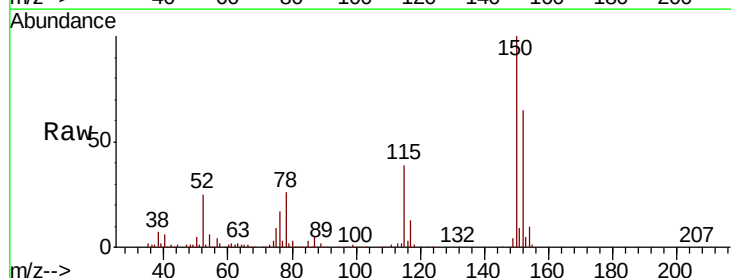
Instrument :
MSVOA_F
ClientSampleId :
CL-02-122718-A

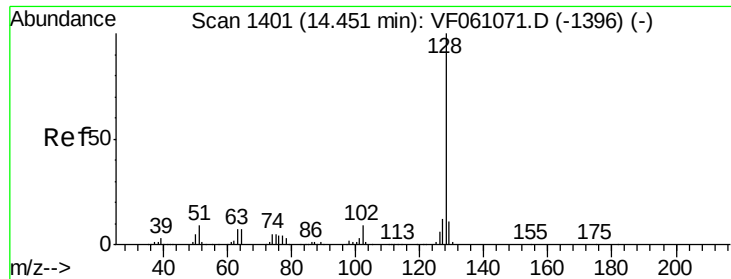
Tot Ion:106 Resp: 16125
Ion Ratio Lower Upper
106 100
91 208.7 168.2 252.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061250.D
Acq: 2 Jan 2019 13:14

Tgt Ion:152 Resp: 172325
Ion Ratio Lower Upper
152 100
115 60.9 33.3 99.9
150 154.2 0.0 328.2

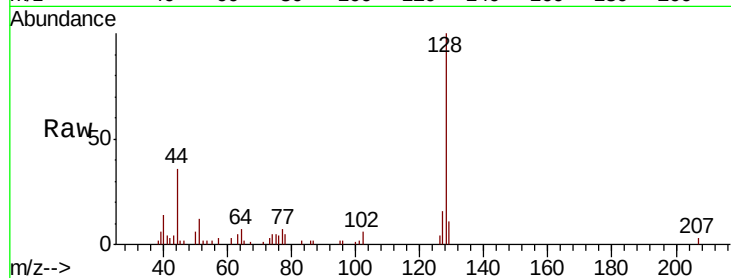




#95
Naphthalene
Concen: 1.386 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.00 min
Lab File: VF061250.D
Acq: 2 Jan 2019 13:14

Instrument :
MSVOA_F
ClientSampleId :
CL-02-122718-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.5	9.4	14.2#
129	11.2	8.8	13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

