

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111618\
 Data File : VF060777.D
 Acq On : 16 Nov 2018 21:14
 Operator : VA/AP
 Sample : J5950-05
 Misc : 6.25µ/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-01

Quant Time: Nov 17 05:04:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

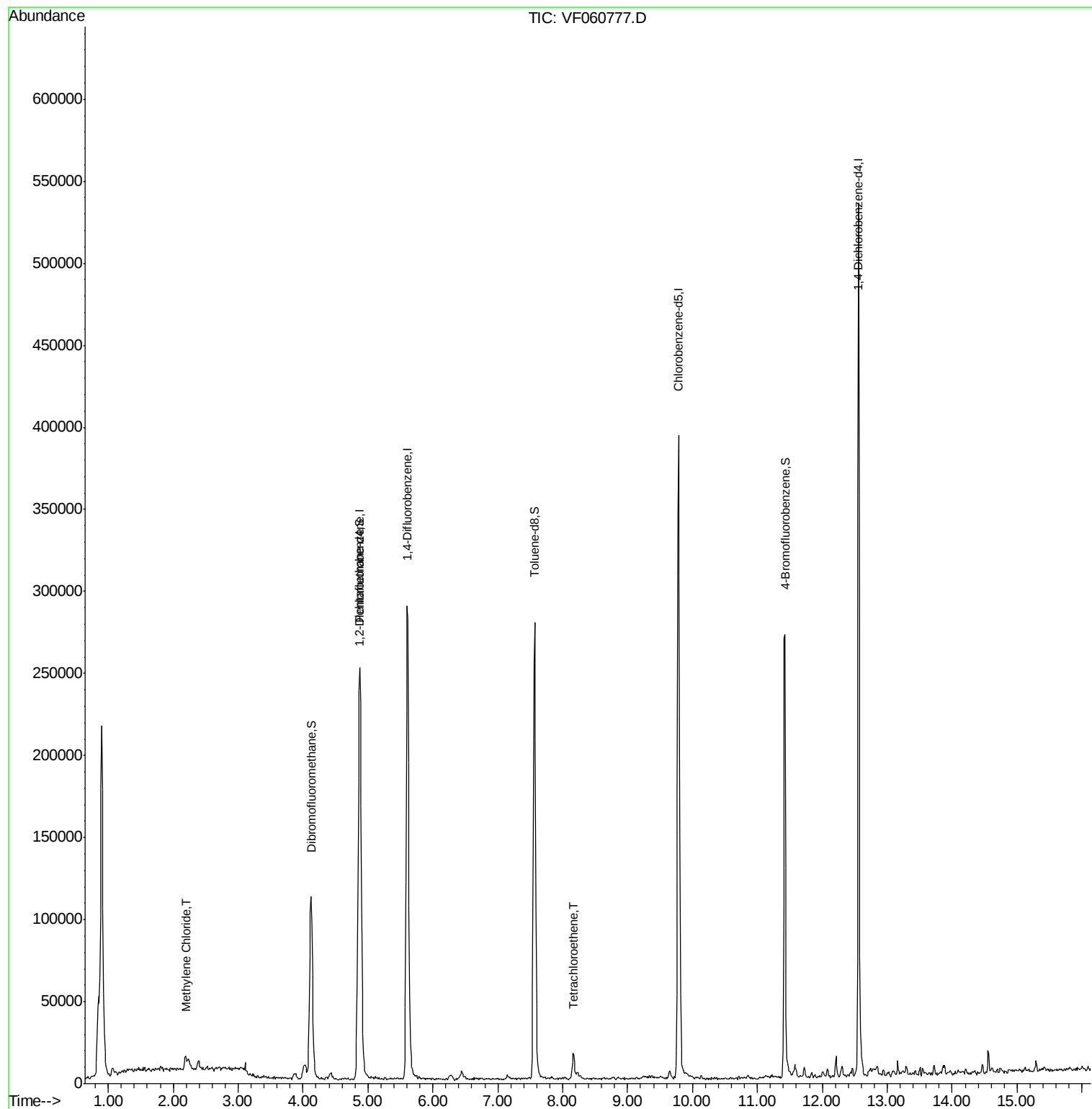
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	200320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	340823	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	293494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	129808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	91143	39.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.78%	
35) Dibromofluoromethane	4.12	113	106819	41.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.38%	
50) Toluene-d8	7.57	98	237660	35.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.10%	
62) 4-Bromofluorobenzene	11.41	95	112303	35.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.80%	
Target Compounds						
20) Methylene Chloride	2.18	84	6207	1.022	ug/l #	82
64) Tetrachloroethene	8.17	164	4819	2.073	ug/l	92

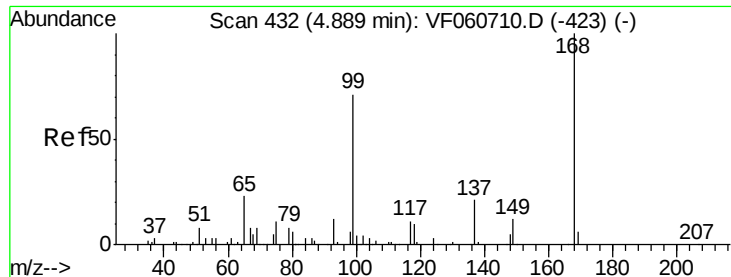
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111618\
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Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.00 min

Lab File: VF060777.D

Acq: 16 Nov 2018 21:14

Instrument :

MSVOA_F

ClientSampleId :

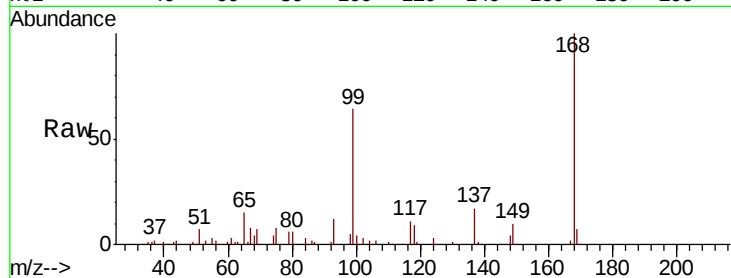
SSI-01

Tot Ion:168 Resp: 200320

Ion Ratio Lower Upper

168 100

99 63.9 57.2 85.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

60000

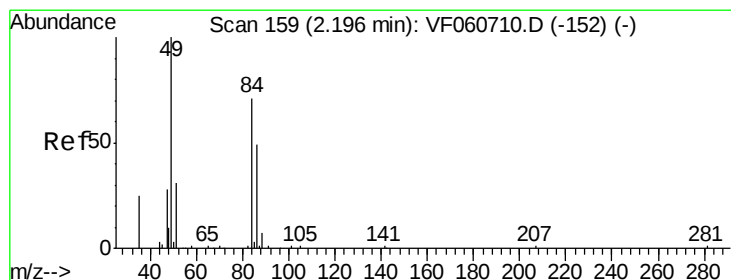
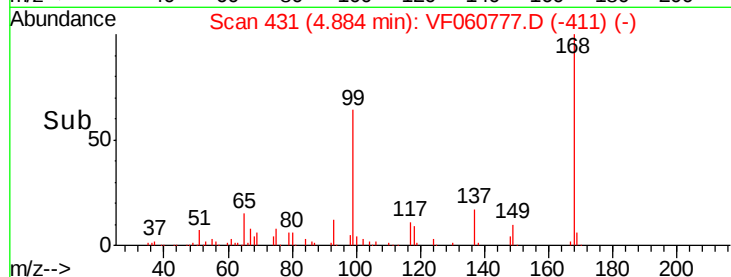
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 1.022 ug/l

RT: 2.18 min Scan# 157

Delta R.T. -0.01 min

Lab File: VF060777.D

Acq: 16 Nov 2018 21:14

Tgt Ion: 84 Resp: 6207

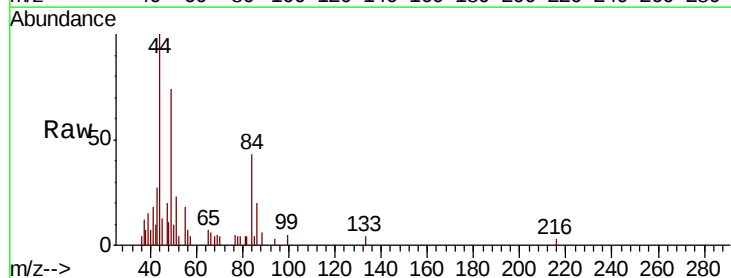
Ion Ratio Lower Upper

84 100

49 170.9 120.2 180.4

51 54.1 37.2 55.8

86 46.9 55.1 82.7#



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

3000

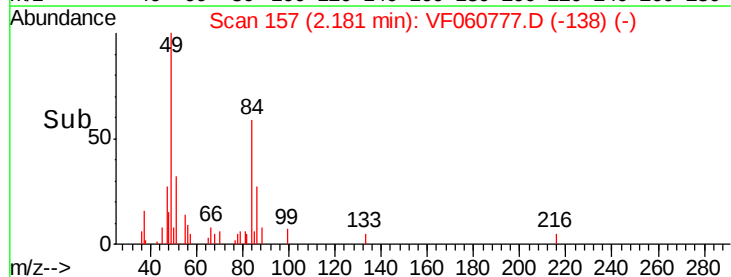
2000

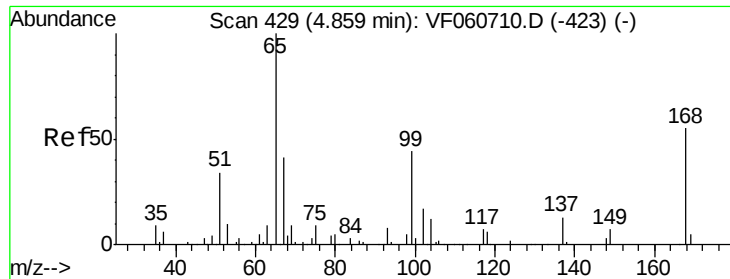
1000

0

Time-->

2.10 2.20 2.30

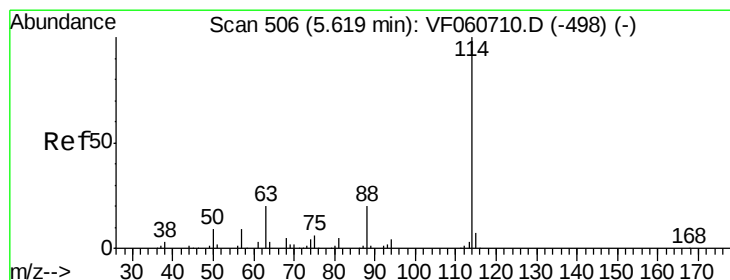
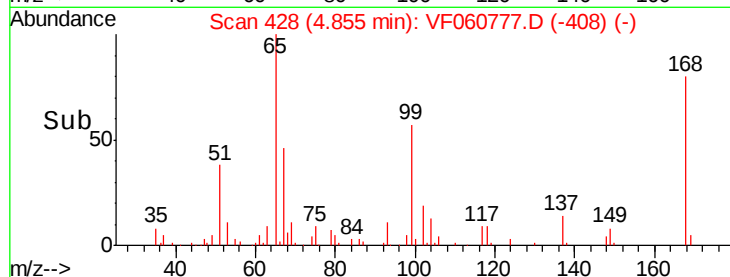
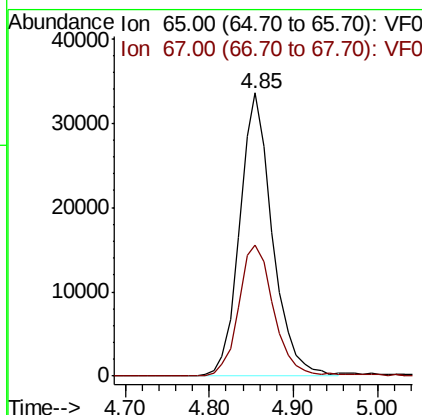
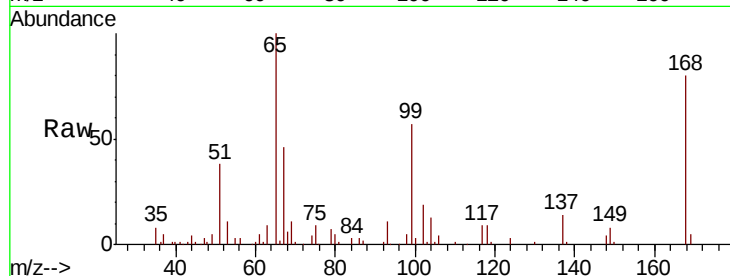




#33
 1,2-Dichloroethane-d4
 Concen: 39.890 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: VF060777.D
 Acq: 16 Nov 2018 21:14

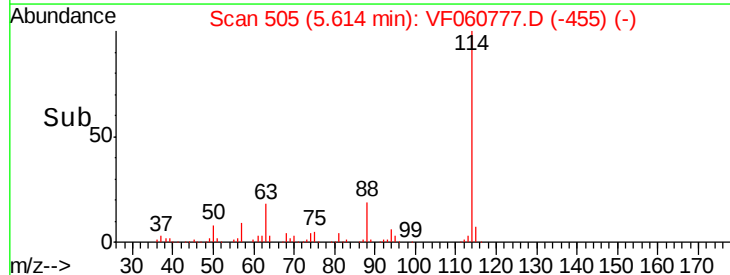
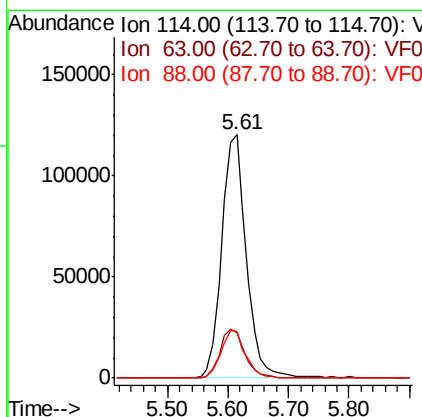
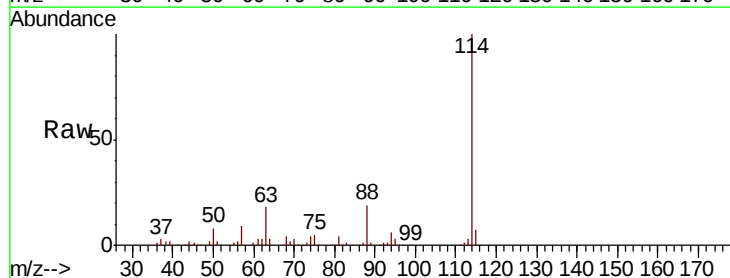
Instrument :
 MSVOA_F
 ClientSampled :
 SSI-01

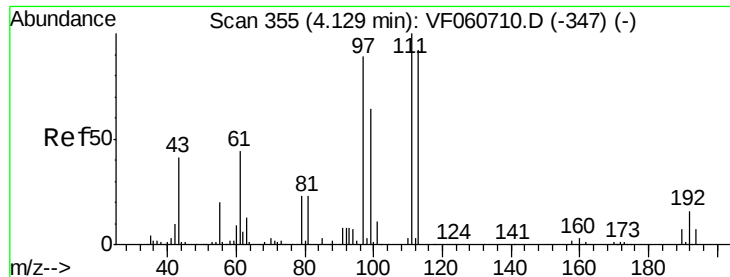
Tot Ion: 65 Resp: 91143
 Ion Ratio Lower Upper
 65 100
 67 46.5 0.0 90.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: VF060777.D
 Acq: 16 Nov 2018 21:14

Tgt Ion: 114 Resp: 340823
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 40.8
 88 19.1 0.0 39.6

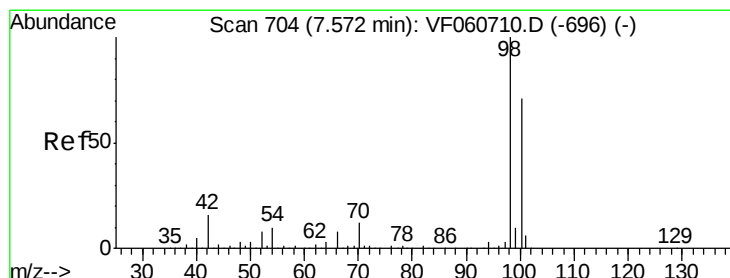
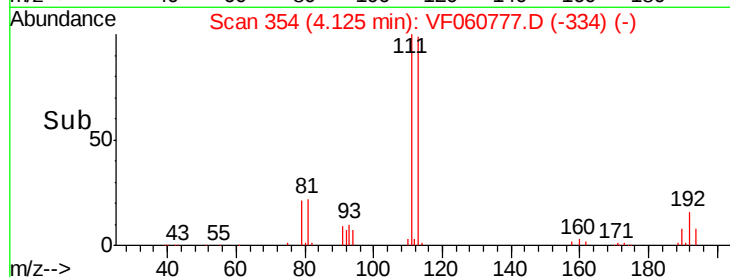
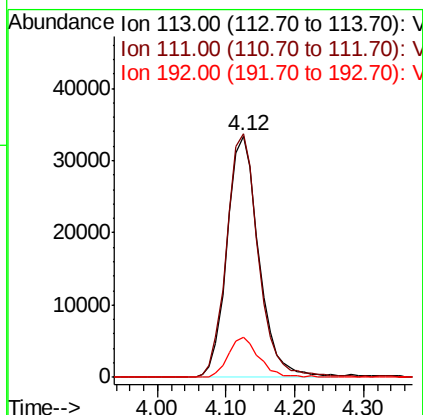
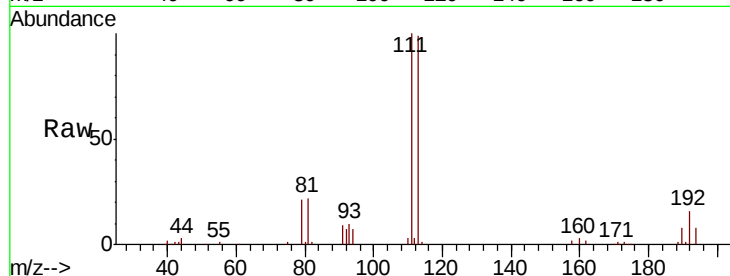




#35
 Dibromofluoromethane
 Concen: 41.695 ug/l
 RT: 4.12 min Scan# 354
 Delta R.T. -0.00 min
 Lab File: VF060777.D
 Acq: 16 Nov 2018 21:14

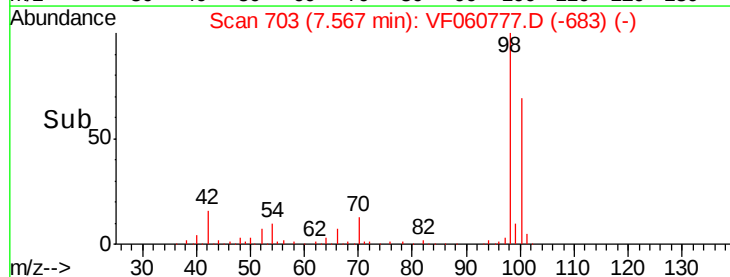
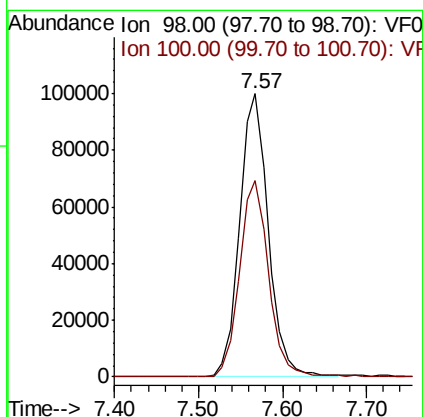
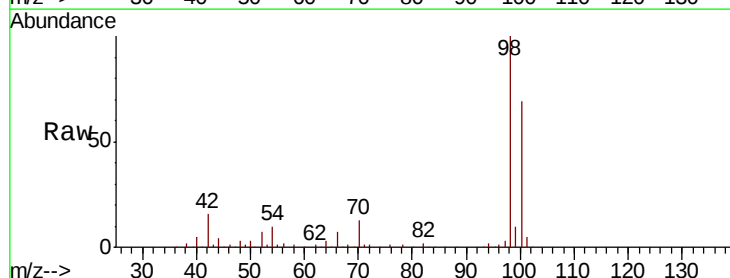
Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-01

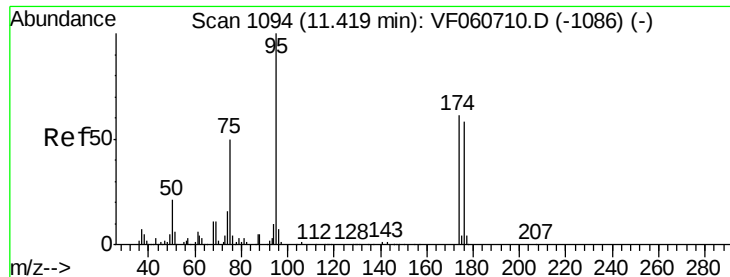
Tot Ion:113 Resp: 106819
 Ion Ratio Lower Upper
 113 100
 111 101.0 87.1 130.7
 192 16.4 13.8 20.6



#50
 Toluene-d8
 Concen: 35.051 ug/l
 RT: 7.57 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: VF060777.D
 Acq: 16 Nov 2018 21:14

Tgt Ion: 98 Resp: 237660
 Ion Ratio Lower Upper
 98 100
 100 69.4 56.5 84.7





#62

4-Bromofluorobenzene

Concen: 35.902 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VF060777.D

Acq: 16 Nov 2018 21:14

Instrument :

MSVOA_F

ClientSampleId :

SSI-01

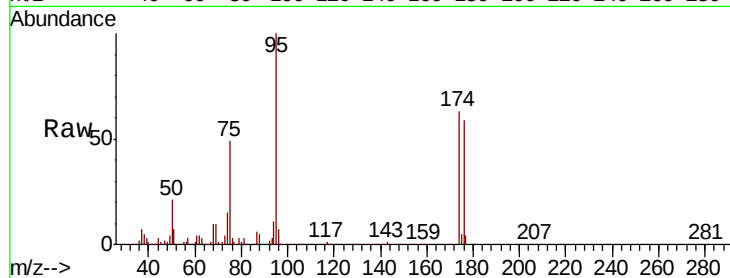
Tot Ion: 95 Resp: 112303

Ion Ratio Lower Upper

95 100

174 63.4 0.0 121.6

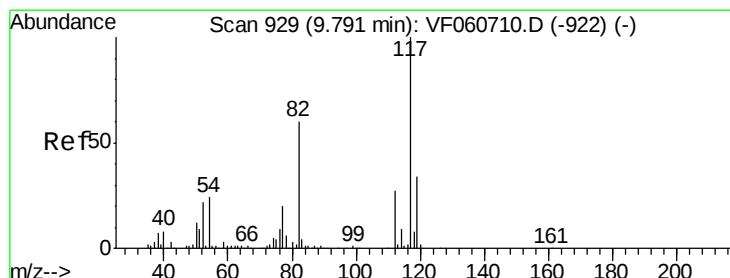
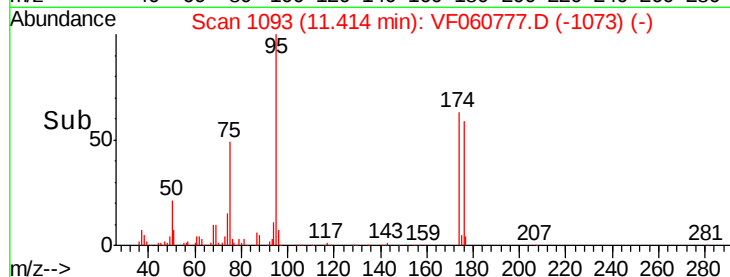
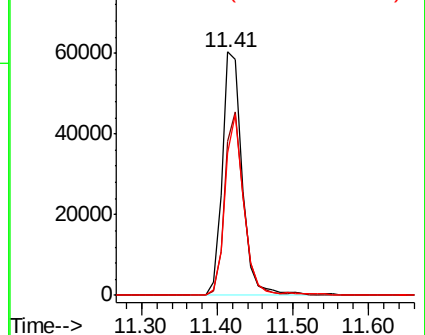
176 58.5 0.0 115.2



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.79 min Scan# 928

Delta R.T. -0.00 min

Lab File: VF060777.D

Acq: 16 Nov 2018 21:14

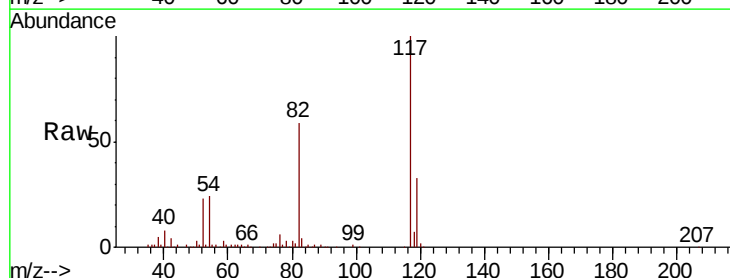
Tgt Ion: 117 Resp: 293494

Ion Ratio Lower Upper

117 100

82 58.6 47.9 71.9

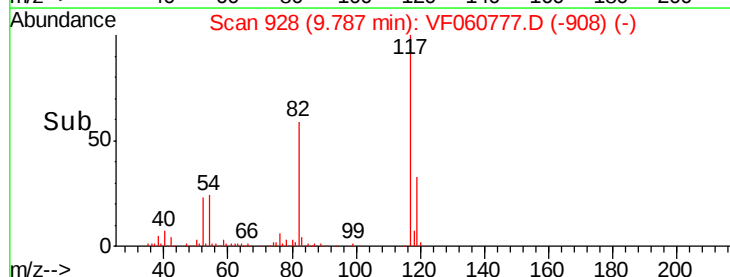
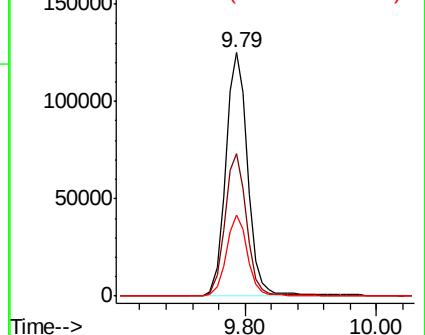
119 33.1 26.8 40.2

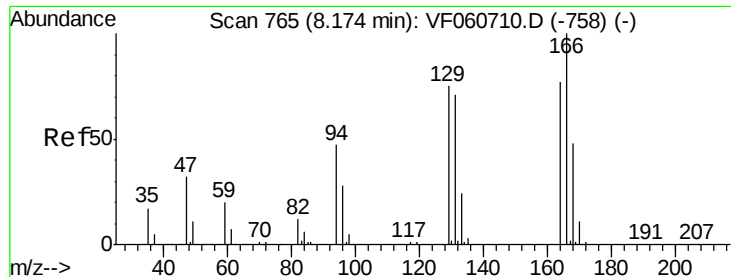


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0

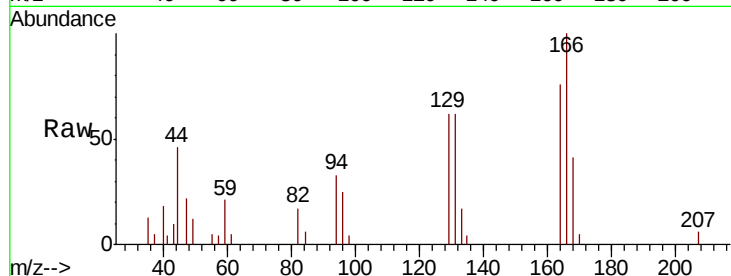




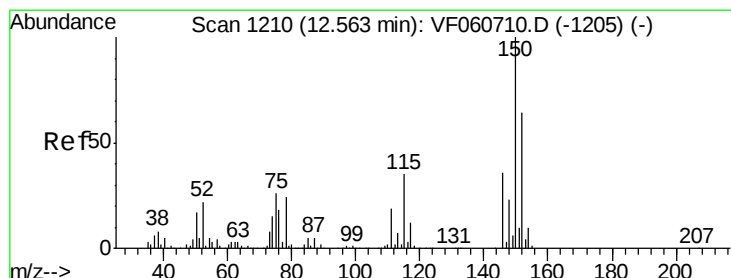
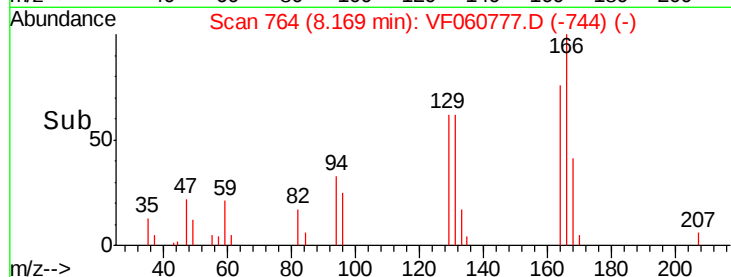
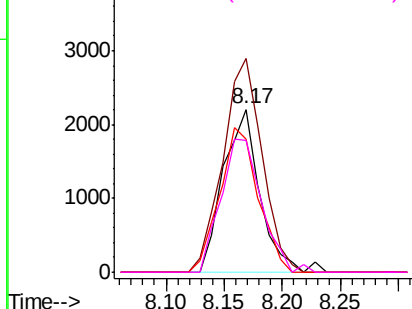
#64
Tetrachloroethene
Concen: 2.073 ug/l
RT: 8.17 min Scan# 764
Delta R.T. -0.00 min
Lab File: VF060777.D
Acq: 16 Nov 2018 21:14

Instrument :
MSVOA_F
ClientSampleId :
SSI-01

Tot Ion:164 Resp: 4819
Ion Ratio Lower Upper
164 100
166 130.9 103.5 155.3
129 81.8 77.4 116.2
131 81.2 73.5 110.3

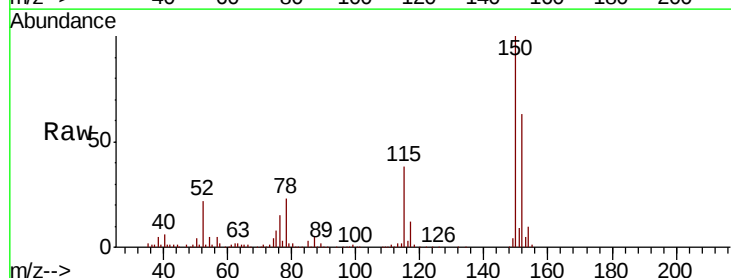


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.00 min
Lab File: VF060777.D
Acq: 16 Nov 2018 21:14

Tgt Ion:152 Resp: 129808
Ion Ratio Lower Upper
152 100
115 60.2 27.9 83.7
150 158.4 0.0 316.4



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

