

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111618\
 Data File : VF060766.D
 Acq On : 16 Nov 2018 16:01
 Operator : VA/AP
 Sample : J5767-15RE
 Misc : 5.74g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-111418-DRE

Quant Time: Nov 17 04:39:50 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

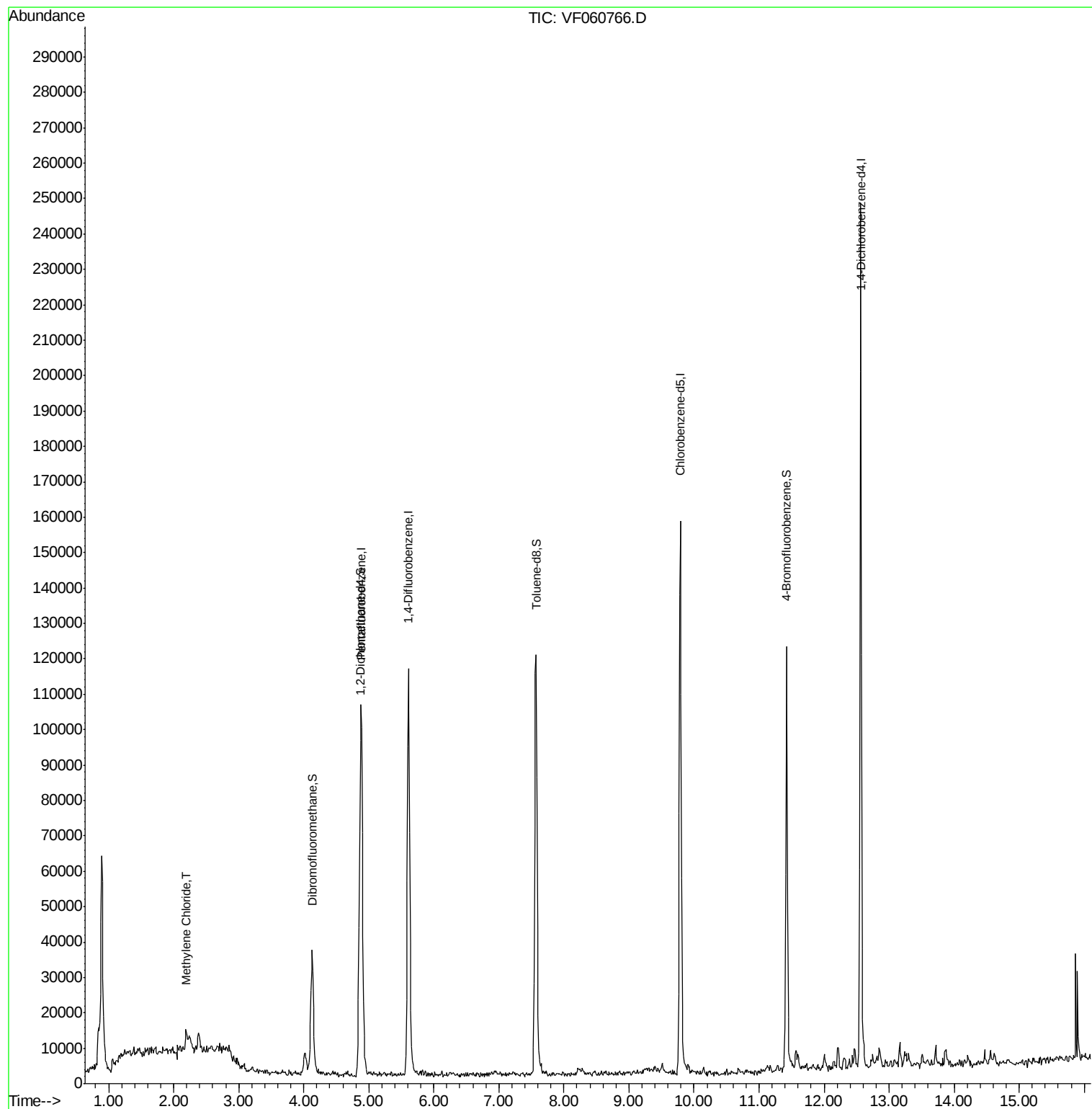
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	90009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	132446	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	116578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	64285	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	25276	24.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.24%	
35) Dibromofluoromethane	4.13	113	32205	32.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.70%	
50) Toluene-d8	7.57	98	104026	39.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.96%	
62) 4-Bromofluorobenzene	11.42	95	47124	39.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.24%	
Target Compounds						
20) Methylene Chloride	2.20	84	2941	1.243	ug/l #	79

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.00 min

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Instrument :

MSVOA_F

ClientSampleId :

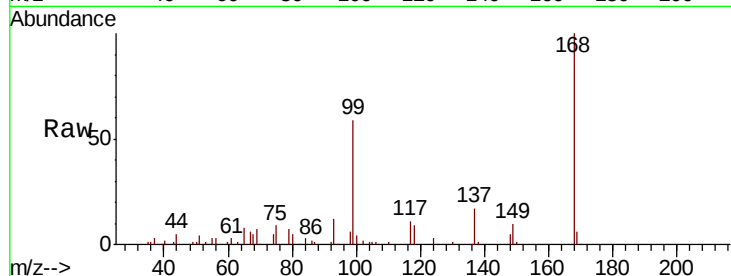
CL-01-111418-DRE

Tot Ion:168 Resp: 90009

Ion Ratio Lower Upper

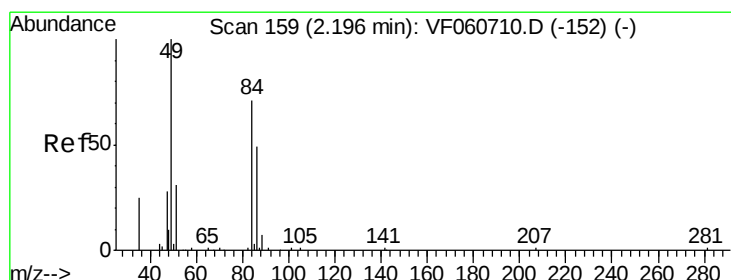
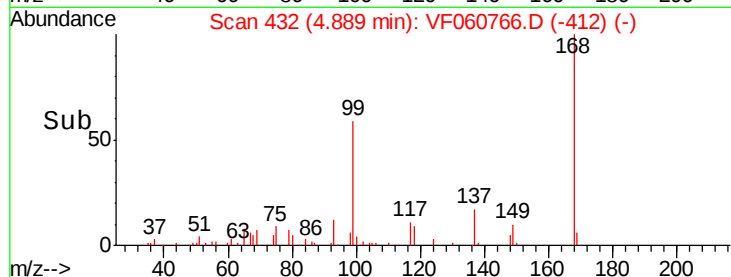
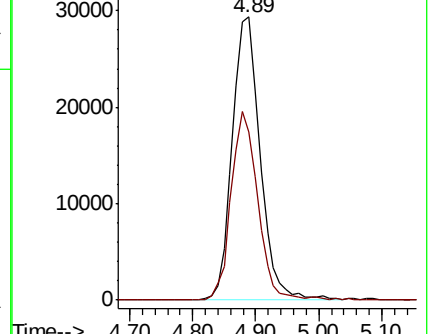
168 100

99 59.4 57.2 85.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 1.243 ug/l

RT: 2.20 min Scan# 159

Delta R.T. 0.00 min

Lab File: VF060766.D

Acq: 16 Nov 2018 16:01

Tgt Ion: 84 Resp: 2941

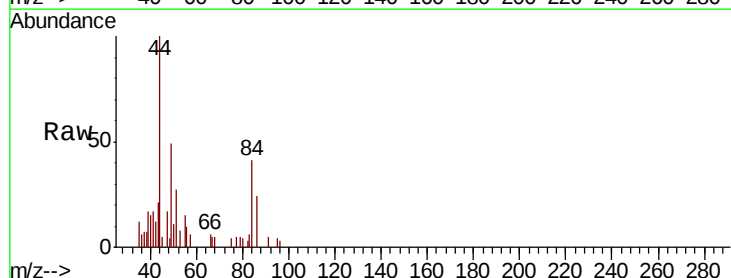
Ion Ratio Lower Upper

84 100

49 120.7 120.2 180.4

51 66.3 37.2 55.8#

86 59.5 55.1 82.7

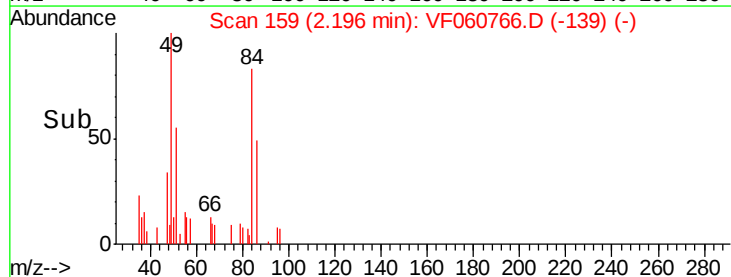
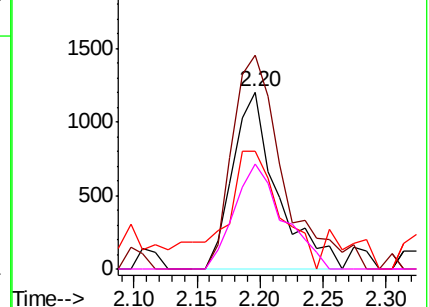


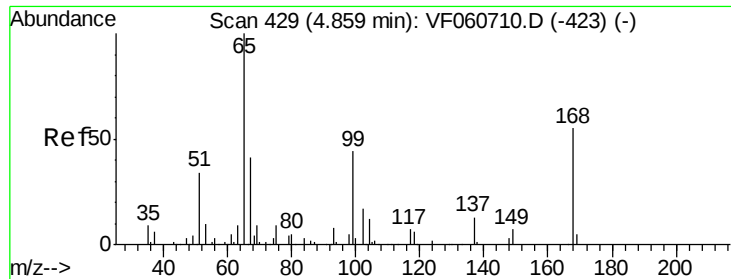
Abundance Ion 84.00 (83.70 to 84.70): VF0

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

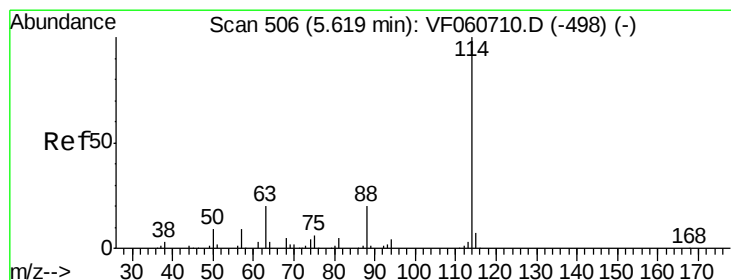
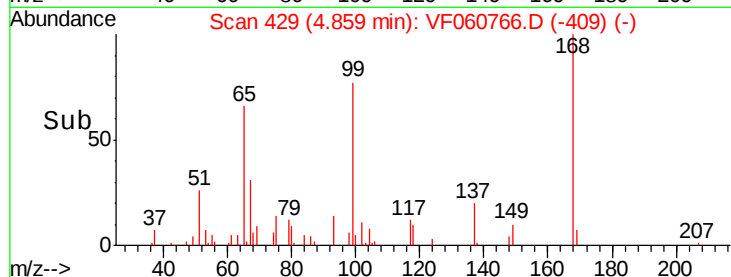
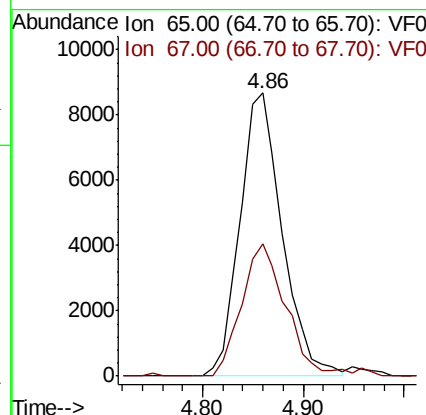
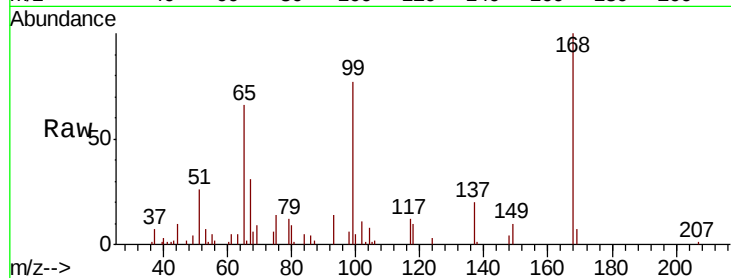




#33
 1,2-Dichloroethane-d4
 Concen: 24.620 ug/l
 RT: 4.86 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: VF060766.D
 Acq: 16 Nov 2018 16:01

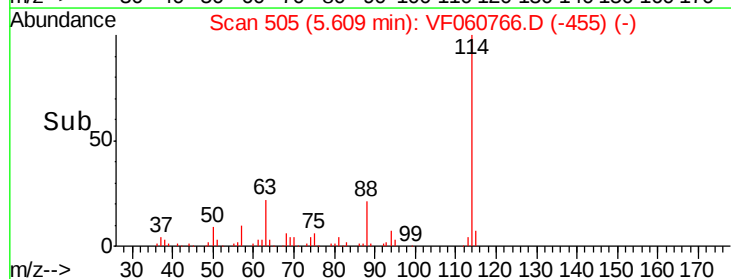
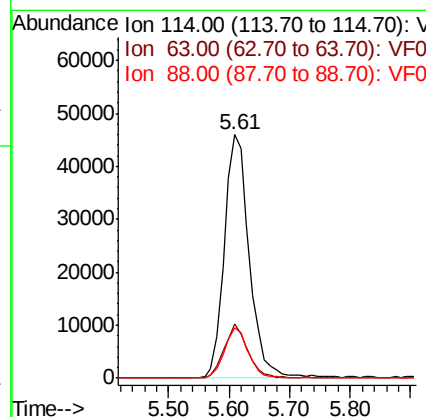
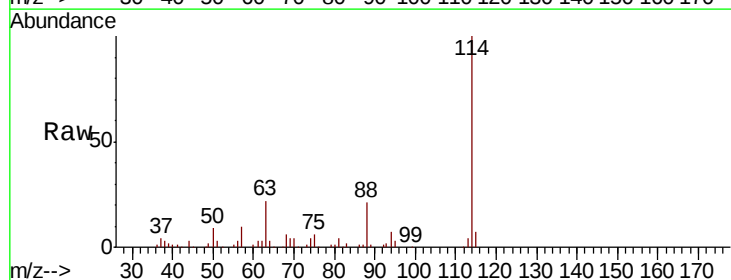
Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-111418-DRE

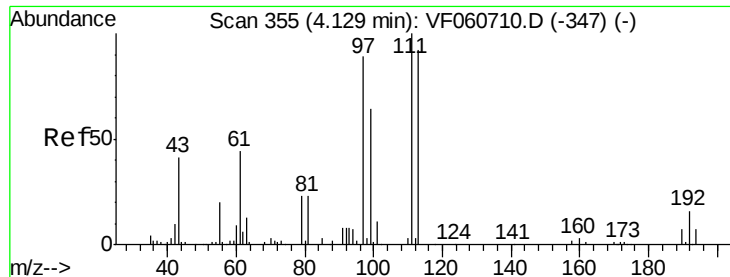
Tot Ion: 65 Resp: 25276
 Ion Ratio Lower Upper
 65 100
 67 46.6 0.0 90.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: VF060766.D
 Acq: 16 Nov 2018 16:01

Tgt Ion: 114 Resp: 132446
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 40.8
 88 20.9 0.0 39.6

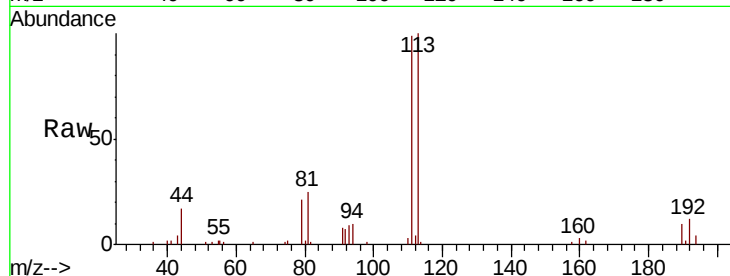




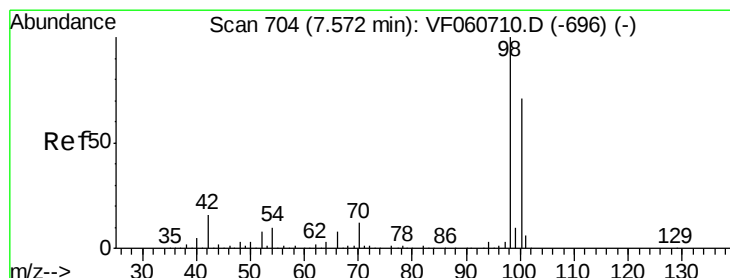
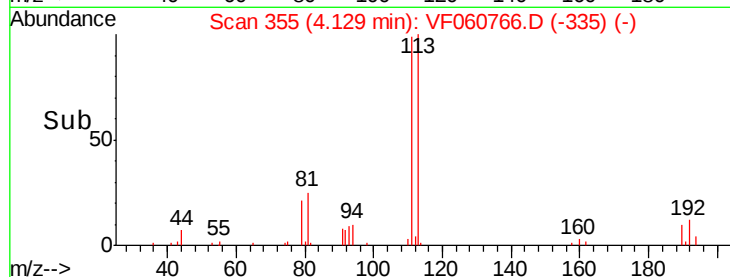
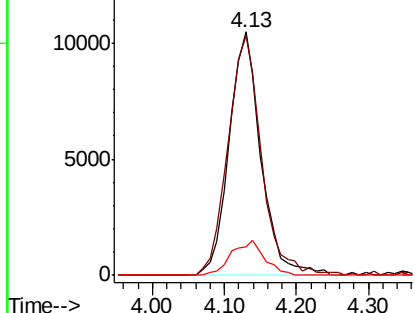
#35
 Dibromofluoromethane
 Concen: 32.348 ug/l
 RT: 4.13 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VF060766.D
 Acq: 16 Nov 2018 16:01

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-111418-DRE

Tot Ion:113 Resp: 32205
 Ion Ratio Lower Upper
 113 100
 111 98.7 87.1 130.7
 192 11.7 13.8 20.6#

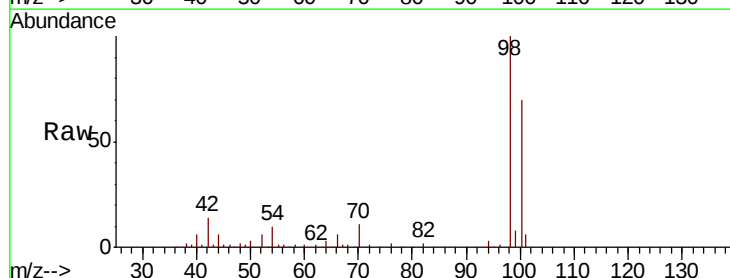


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

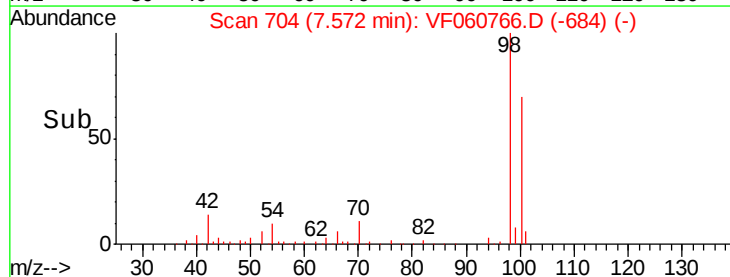
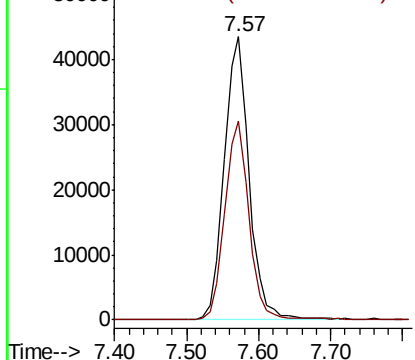


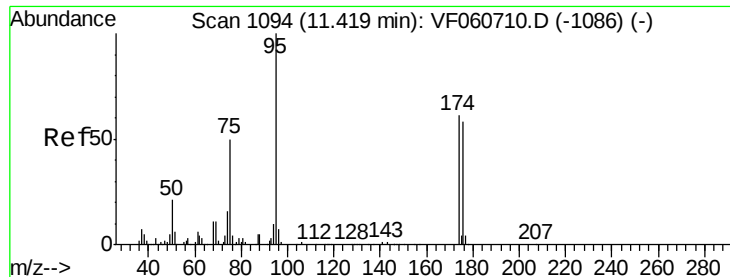
#50
 Toluene-d8
 Concen: 39.981 ug/l
 RT: 7.57 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VF060766.D
 Acq: 16 Nov 2018 16:01

Tgt Ion: 98 Resp: 104026
 Ion Ratio Lower Upper
 98 100
 100 70.2 56.5 84.7



Abundance Ion 98.00 (97.70 to 98.70): VF0
 Ion 100.00 (99.70 to 100.70): VF

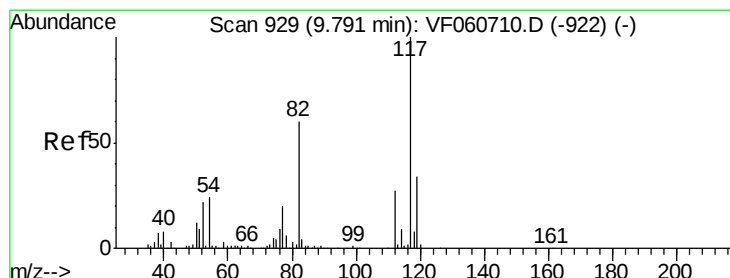
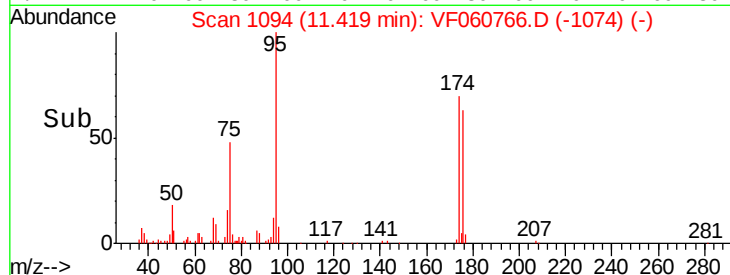
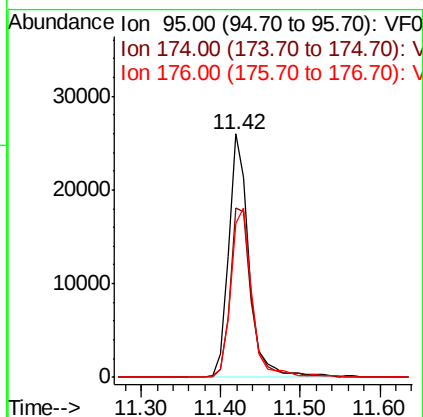
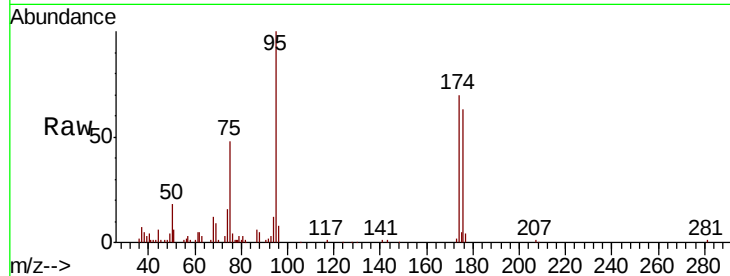




#62
4-Bromofluorobenzene
Concen: 39.118 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060766.D
Acq: 16 Nov 2018 16:01

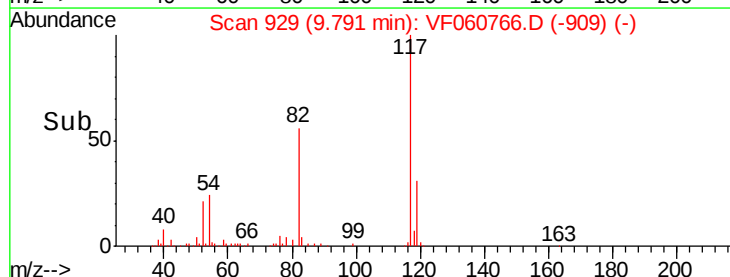
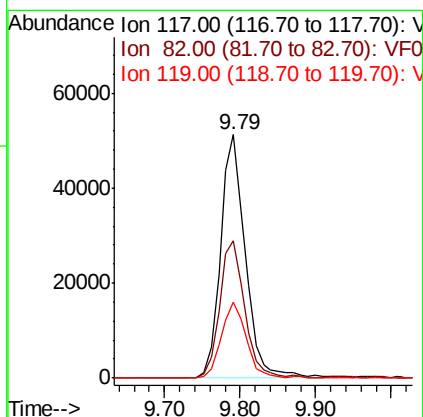
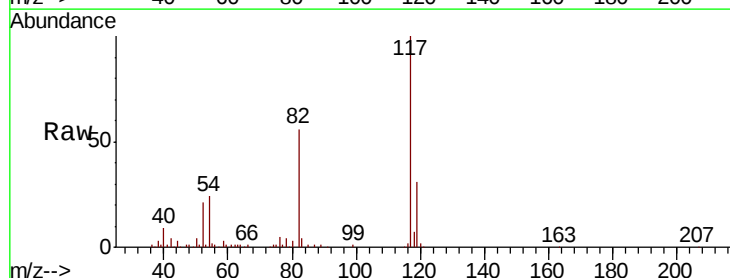
Instrument :
MSVOA_F
ClientSampleId :
CL-01-111418-DRE

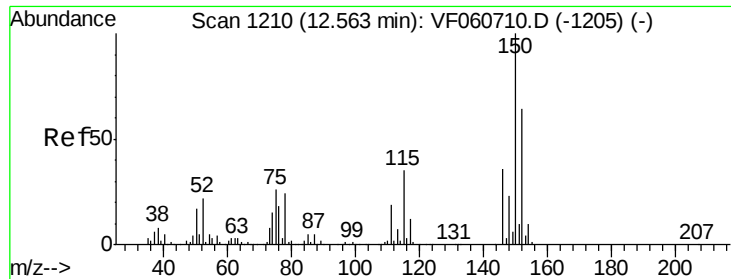
Tot Ion: 95 Resp: 47124
Ion Ratio Lower Upper
95 100
174 69.7 0.0 121.6
176 63.1 0.0 115.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.00 min
Lab File: VF060766.D
Acq: 16 Nov 2018 16:01

Tgt Ion: 117 Resp: 116578
Ion Ratio Lower Upper
117 100
82 56.2 47.9 71.9
119 31.4 26.8 40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1210

Delta R.T. 0.00 min

Lab File: VF060766.D

Acq: 16 Nov 2018 16:01

Instrument :

MSVOA_F

ClientSampleId :

CL-01-111418-DRE

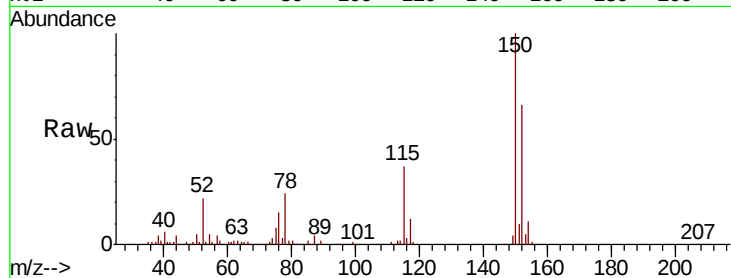
Tot Ion:152 Resp: 64285

Ion Ratio Lower Upper

152 100

115 56.5 27.9 83.7

150 152.5 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

