

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100318\
 Data File : VF060434.D
 Acq On : 4 Oct 2018 00:14
 Operator : VA/AP
 Sample : J5198-09
 Misc : 6.78/5mL/MSVOA F/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-100218-E

Quant Time: Oct 04 07:17:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

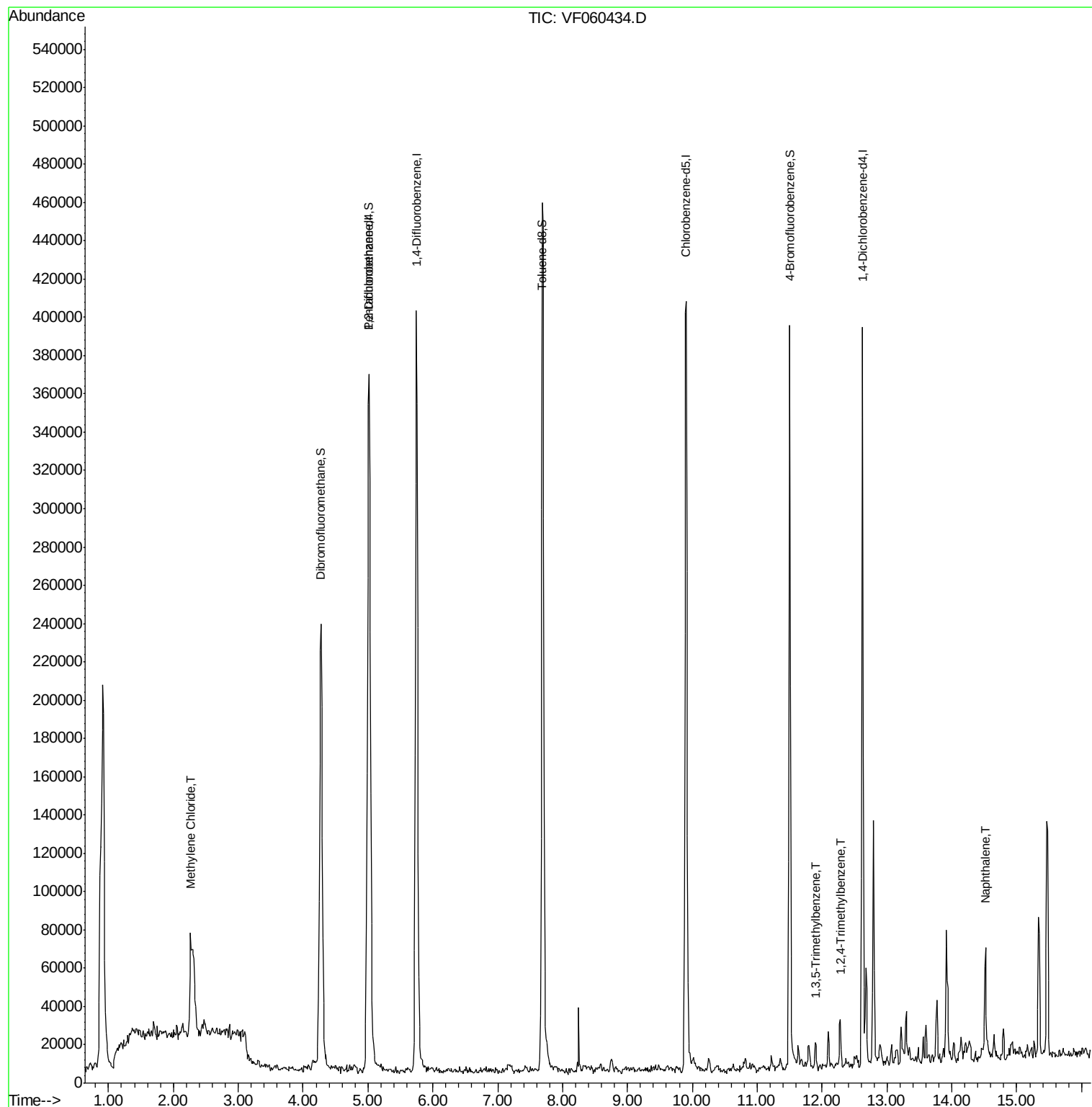
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	229084	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.75	114	420689	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	296292	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	94517	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	187433	52.29	ug/l	0.01
Spiked Amount 50.000			Recovery	=	104.58%	
35) Dibromofluoromethane	4.28	113	217386	55.01	ug/l	0.01
Spiked Amount 50.000			Recovery	=	110.02%	
50) Toluene-d8	7.69	98	393634	40.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.88%	
62) 4-Bromofluorobenzene	11.50	95	139718	31.44	ug/l	0.01
Spiked Amount 50.000			Recovery	=	62.88%	
Target Compounds						
20) Methylene Chloride	2.27	84	50559	15.480	ug/l	85
80) 1,3,5-Trimethylbenzene	11.91	105	6513	1.030	ug/l	81
84) 1,2,4-Trimethylbenzene	12.28	105	11474	1.830	ug/l	95
95) Naphthalene	14.52	128	39147	9.766	ug/l	98

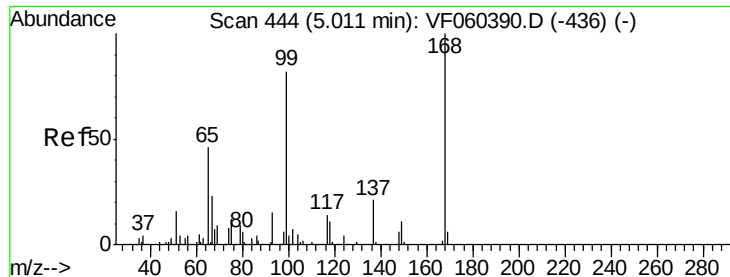
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. 0.01 min

Lab File: VF060434.D

Acq: 4 Oct 2018 00:14

Instrument :

MSVOA_F

ClientSampleId :

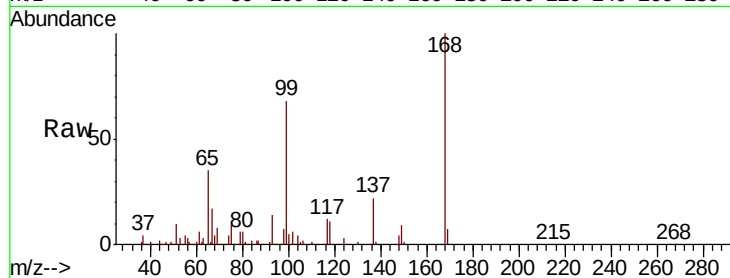
CL-01-100218-E

Tot Ion:168 Resp: 229084

Ion Ratio Lower Upper

168 100

99 68.4 65.3 97.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

60000

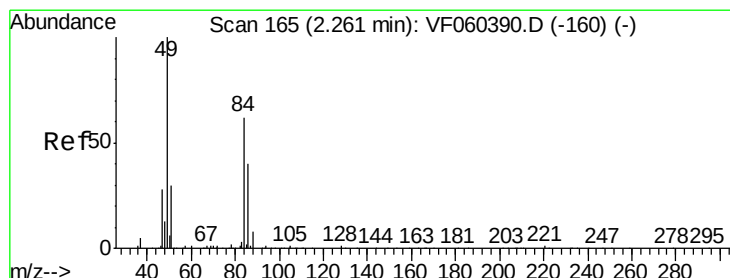
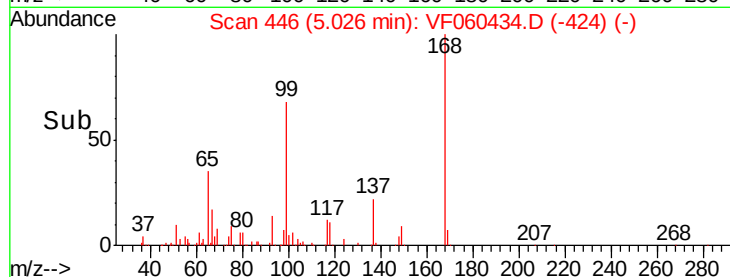
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#20

Methylene Chloride

Concen: 15.480 ug/l

RT: 2.27 min Scan# 166

Delta R.T. 0.01 min

Lab File: VF060434.D

Acq: 4 Oct 2018 00:14

Tgt Ion: 84 Resp: 50559

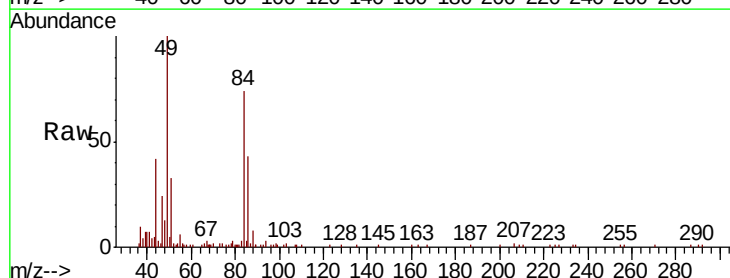
Ion Ratio Lower Upper

84 100

49 135.6 130.2 195.2

51 44.8 41.0 61.6

86 58.1 51.5 77.3



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

25000

20000

15000

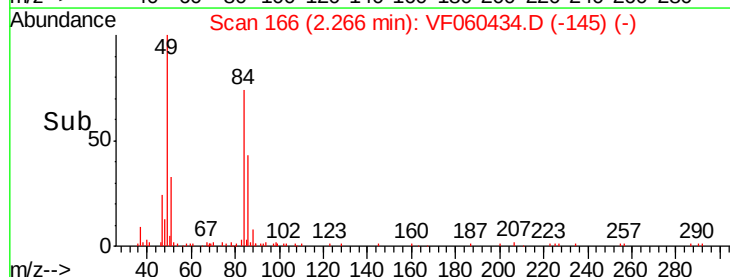
10000

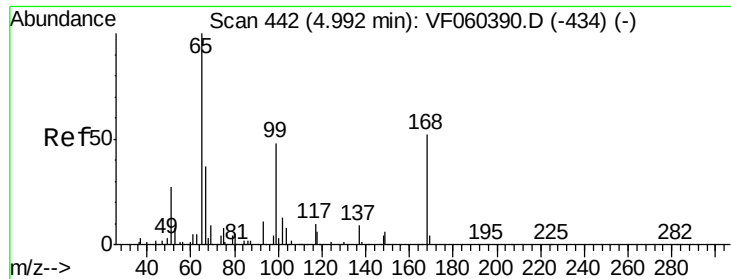
5000

0

Time-->

2.10 2.20 2.30 2.40 2.50





#33

1,2-Dichloroethane-d4

Concen: 52.288 ug/l

RT: 5.01 min Scan# 444

Delta R.T. 0.01 min

Lab File: VF060434.D

Acq: 4 Oct 2018 00:14

Instrument :

MSVOA_F

ClientSampleId :

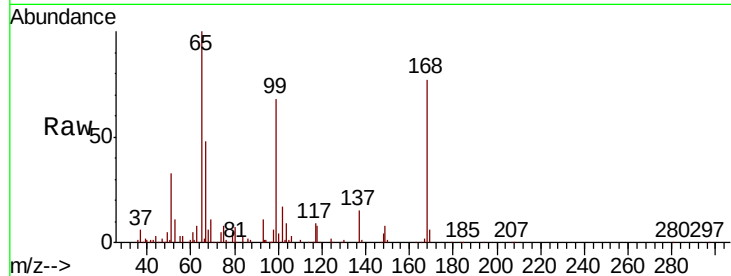
CL-01-100218-E

Tot Ion: 65 Resp: 187433

Ion Ratio Lower Upper

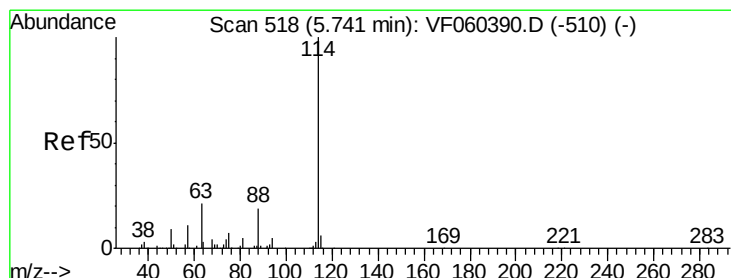
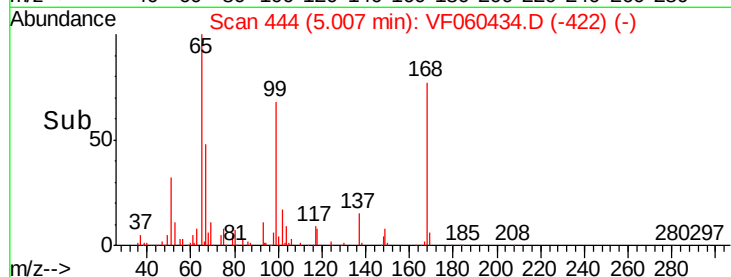
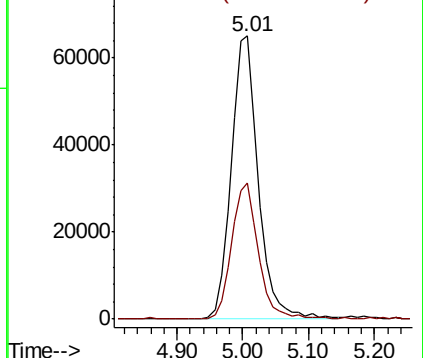
65 100

67 48.3 0.0 89.4



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: 5.75 min Scan# 519

Delta R.T. 0.01 min

Lab File: VF060434.D

Acq: 4 Oct 2018 00:14

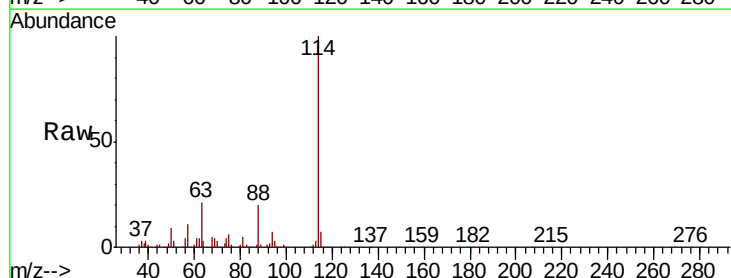
Tgt Ion: 114 Resp: 420689

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.2

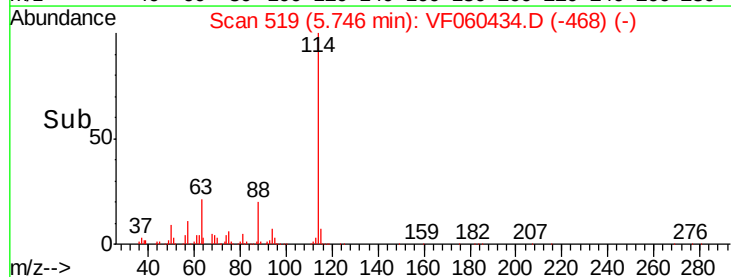
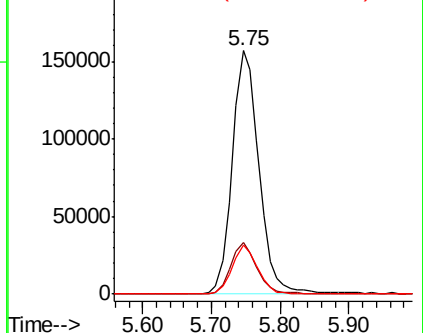
88 20.2 0.0 38.8

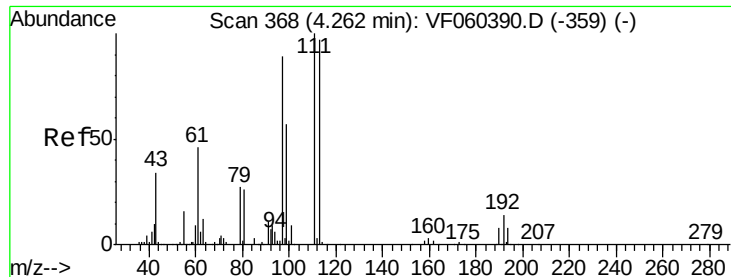


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 55.005 ug/l

RT: 4.28 min Scan# 370

Delta R.T. 0.01 min

Lab File: VF060434.D

Acq: 4 Oct 2018 00:14

Instrument :

MSVOA_F

ClientSampleId :

CL-01-100218-E

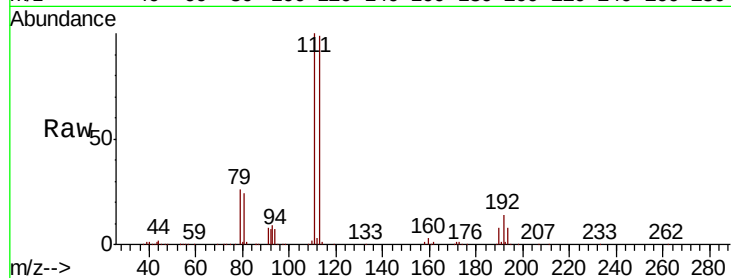
Tot Ion:113 Resp: 217386

Ion Ratio Lower Upper

113 100

111 101.1 82.3 123.5

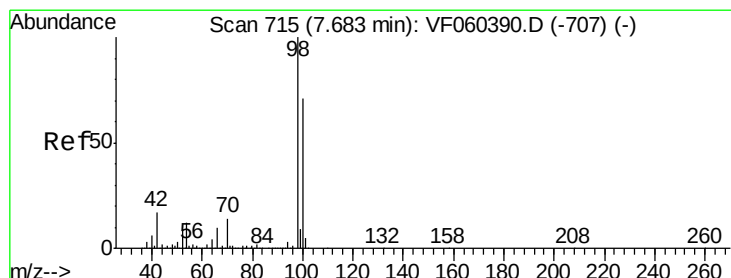
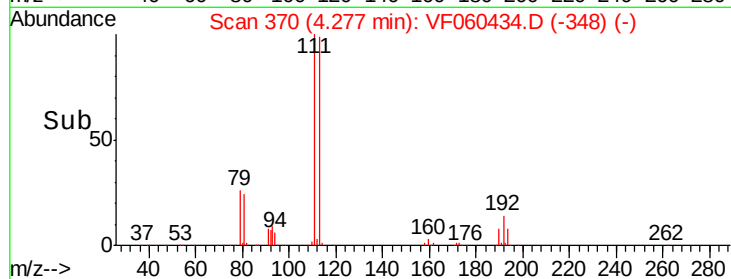
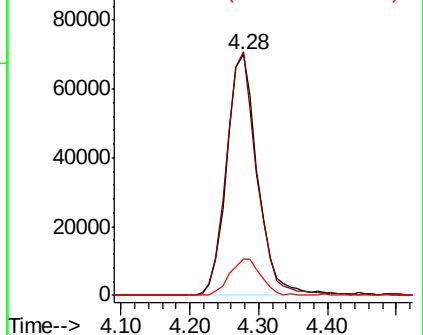
192 15.2 11.8 17.6



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: 40.442 ug/l

RT: 7.69 min Scan# 716

Delta R.T. 0.01 min

Lab File: VF060434.D

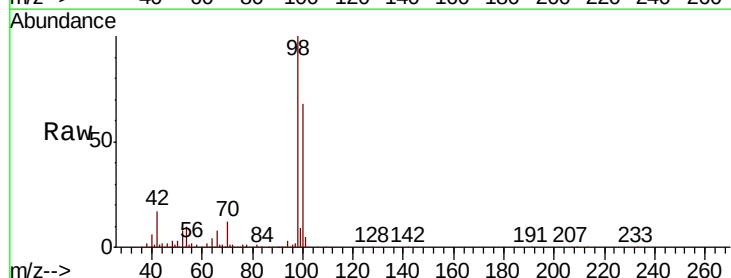
Acq: 4 Oct 2018 00:14

Tgt Ion: 98 Resp: 393634

Ion Ratio Lower Upper

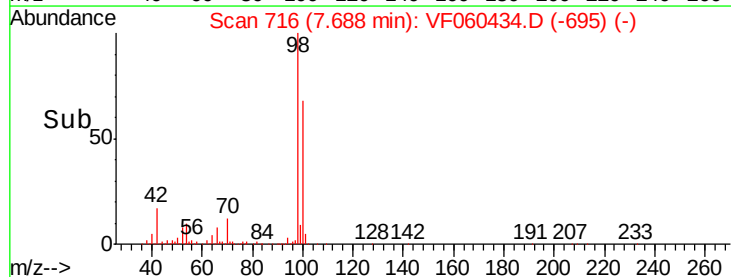
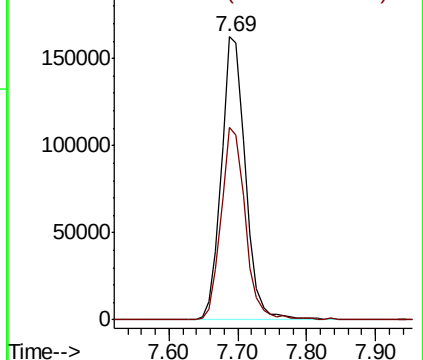
98 100

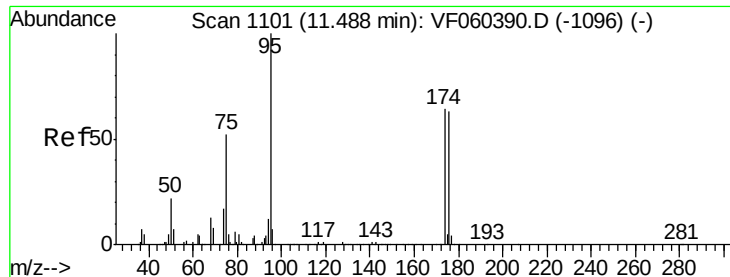
100 68.1 56.5 84.7



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 31.439 ug/l

RT: 11.50 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VF060434.D

Acq: 4 Oct 2018 00:14

Instrument :

MSVOA_F

ClientSampleId :

CL-01-100218-E

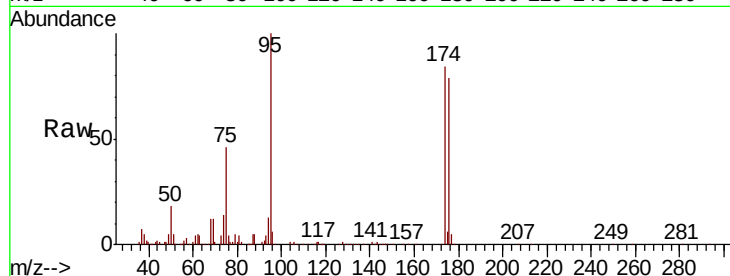
Tot Ion: 95 Resp: 139718

Ion Ratio Lower Upper

95 100

174 84.2 0.0 129.0

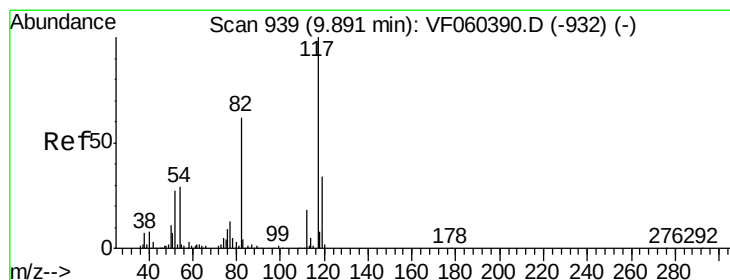
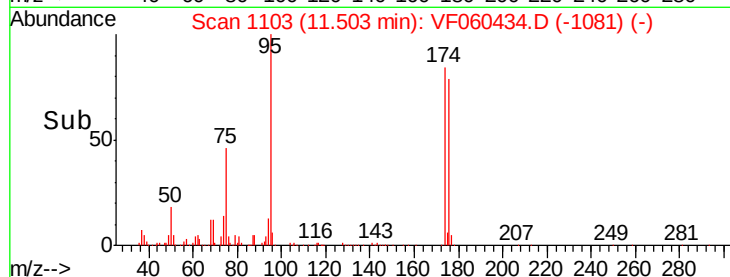
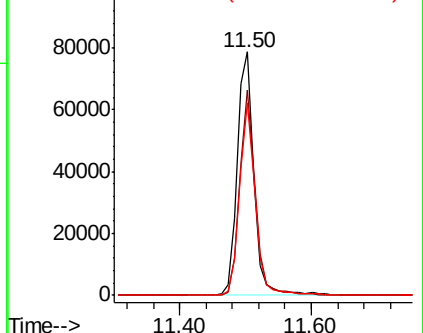
176 79.1 0.0 125.6



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: 9.91 min Scan# 941

Delta R.T. 0.01 min

Lab File: VF060434.D

Acq: 4 Oct 2018 00:14

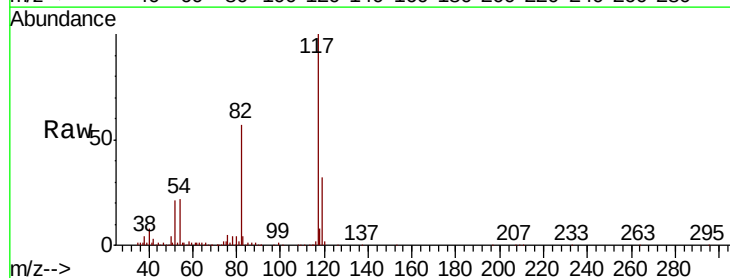
Tgt Ion: 117 Resp: 296292

Ion Ratio Lower Upper

117 100

82 57.4 49.5 74.3

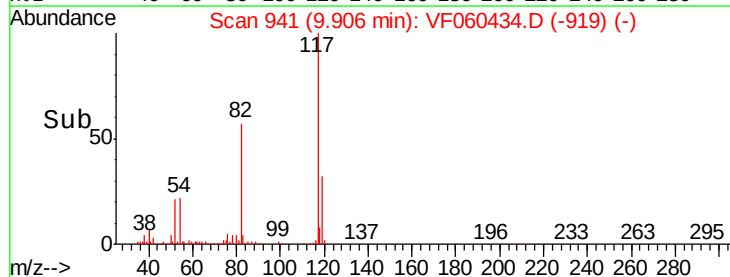
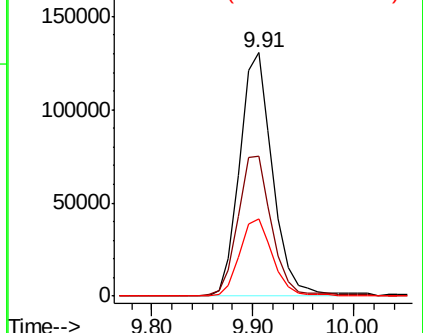
119 31.6 27.0 40.6

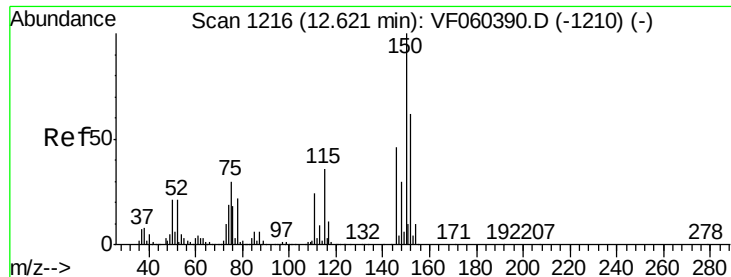


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0



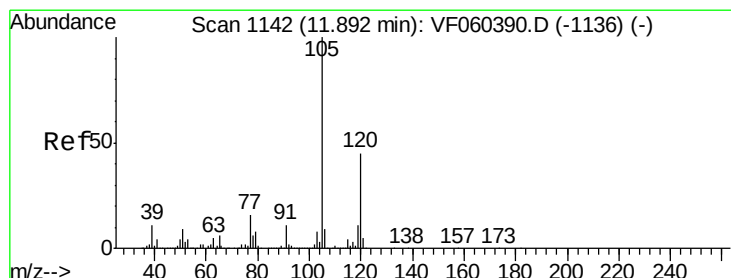
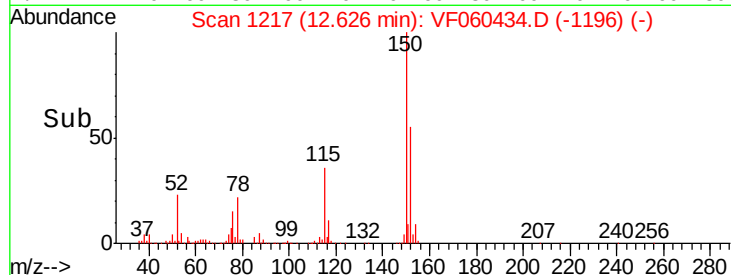
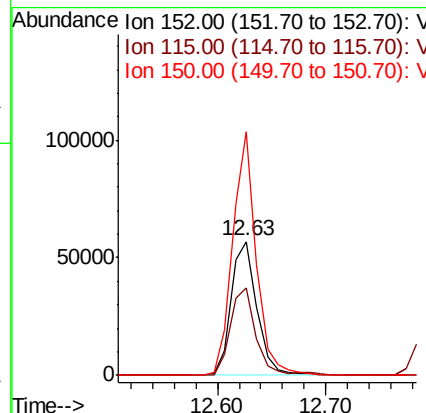
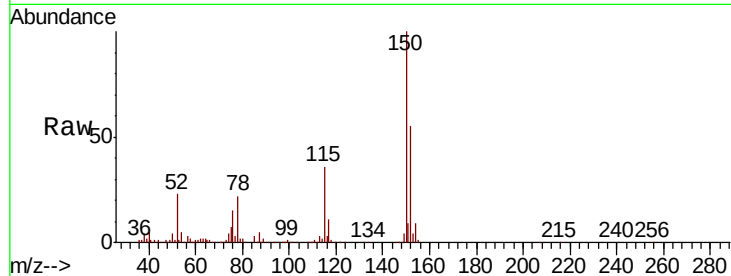


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.01 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Instrument :
MSVOA_F
ClientSampleId :
CL-01-100218-E

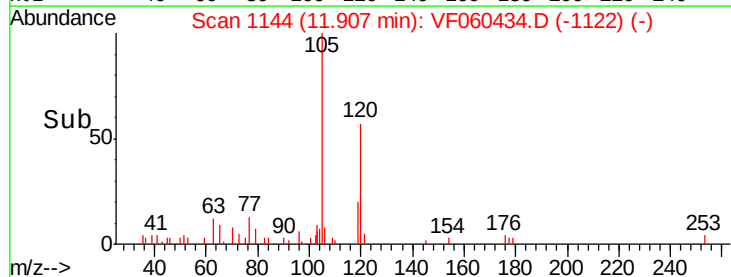
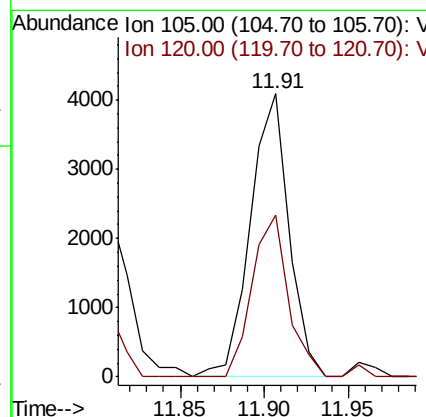
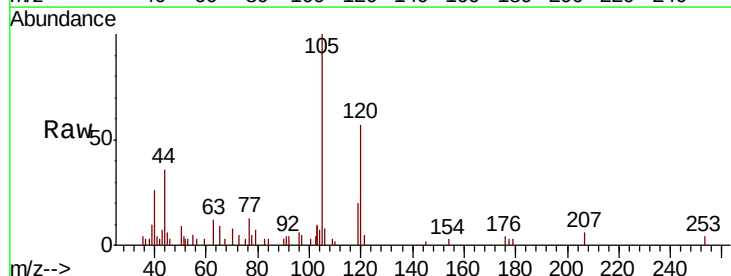
Tot Ion	Ratio	Lower	Upper
152	100		
115	65.3	28.6	85.8
150	181.6	0.0	324.6

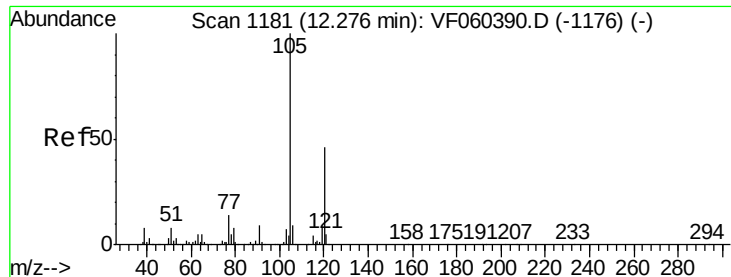


#80

1,3,5-Trimethylbenzene
Concen: 1.030 ug/l
RT: 11.91 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VF060434.D
Acq: 4 Oct 2018 00:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	57.0	22.3	66.9

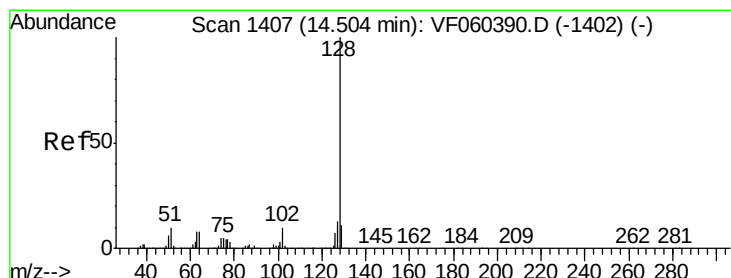
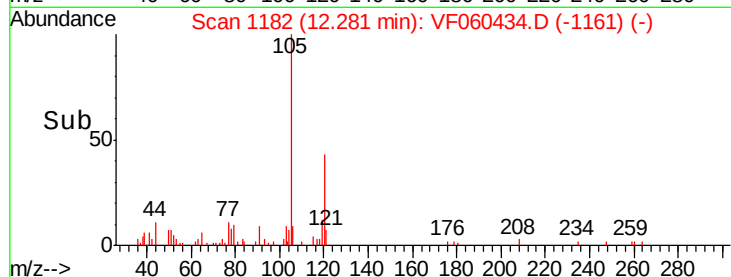
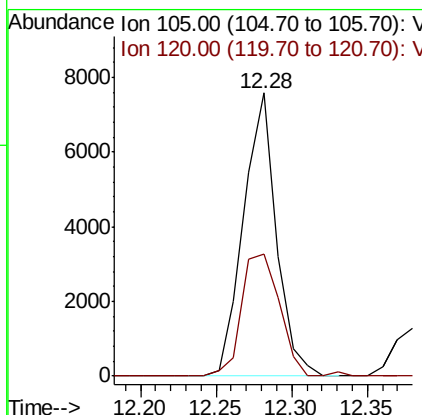
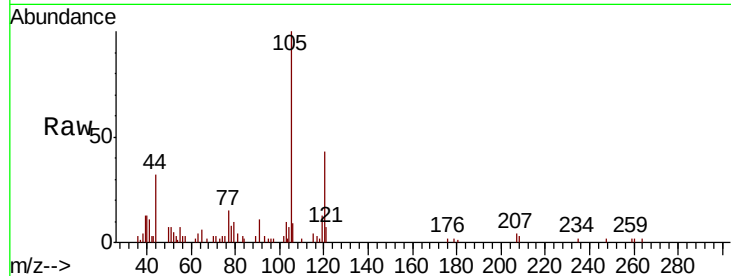




#84
 1,2,4-Trimethylbenzene
 Concen: 1.830 ug/l
 RT: 12.28 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VF060434.D
 Acq: 4 Oct 2018 00:14

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-100218-E

Tot Ion:105 Resp: 11474
 Ion Ratio Lower Upper
 105 100
 120 43.1 23.1 69.2



#95
 Naphthalene
 Concen: 9.766 ug/l
 RT: 14.52 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: VF060434.D
 Acq: 4 Oct 2018 00:14

Tgt Ion:128 Resp: 39147
 Ion Ratio Lower Upper
 128 100
 127 11.8 10.0 15.0
 129 12.0 8.7 13.1

