

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111418\
 Data File : VF060737.D
 Acq On : 14 Nov 2018 21:17
 Operator : VA/AP
 Sample : J5915-06
 Misc : 5.07g/5mL/MSVOA-F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 T-6

Quant Time: Nov 15 07:43:58 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

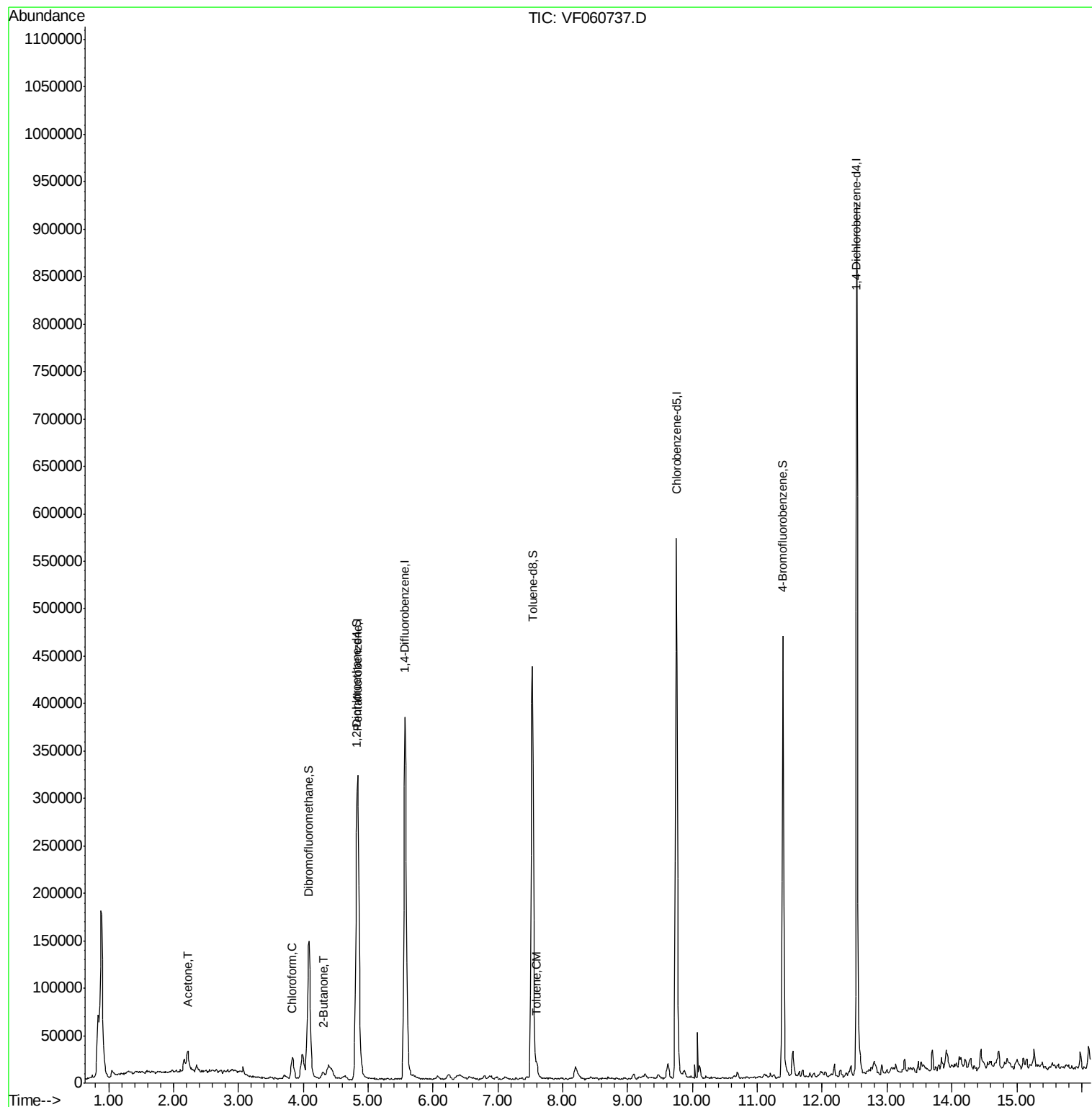
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	258852	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.57	114	431656	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.75	117	405171	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.53	152	227790	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	118279	40.06	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	80.12%	
35) Dibromofluoromethane	4.09	113	139234	42.91	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	85.82%	
50) Toluene-d8	7.53	98	375497	44.71	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	89.42%	
62) 4-Bromofluorobenzene	11.39	95	183773	47.67	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	95.34%	
Target Compounds						
16) Acetone	2.22	43	25670	40.68	ug/l	Qvalue 100
25) 2-Butanone	4.30	43	14556	14.02	ug/l	# 74
30) Chloroform	3.83	83	25501	3.68	ug/l	97
52) Toluene	7.60	92	7814	1.04	ug/l	88

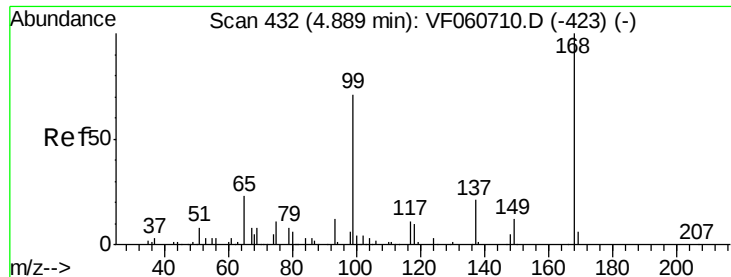
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF111418\
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Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF060737.D

Acq: 14 Nov 2018 21:17

Instrument :

MSVOA_F

ClientSampleId :

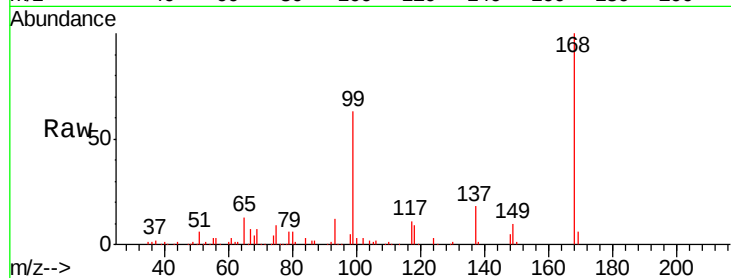
T-6

Tgt Ion:168 Resp: 258852

Ion Ratio Lower Upper

168 100

99 62.7 57.2 85.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

80000

60000

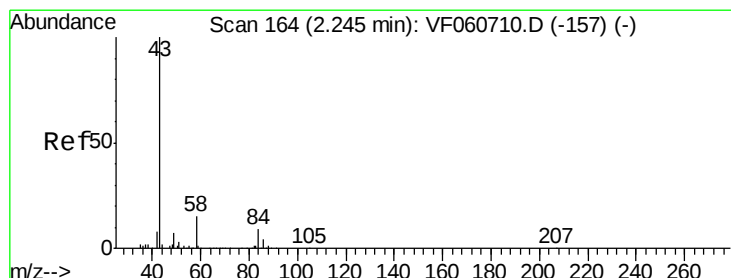
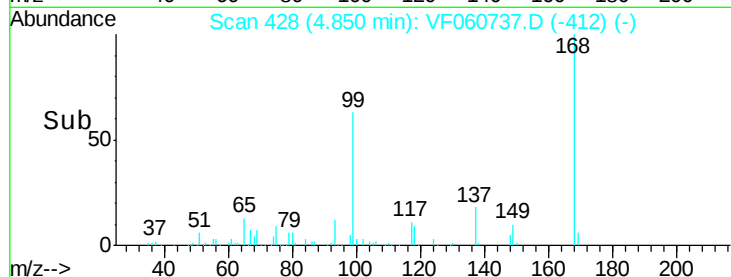
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 40.68 ug/l

RT: 2.22 min Scan# 161

Delta R.T. -0.03 min

Lab File: VF060737.D

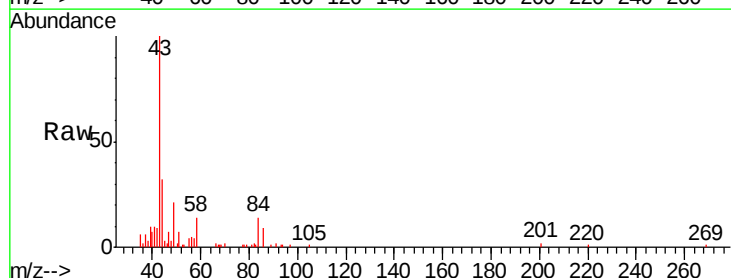
Acq: 14 Nov 2018 21:17

Tgt Ion: 43 Resp: 25670

Ion Ratio Lower Upper

43 100

58 14.4 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

12000

10000

8000

6000

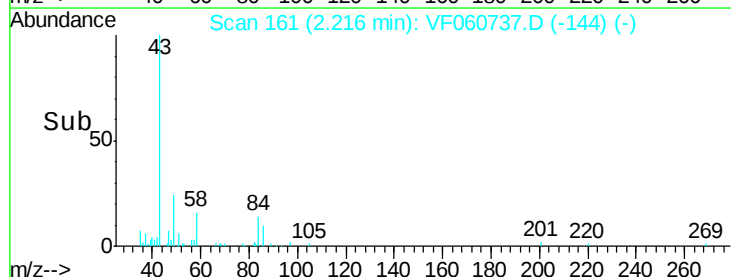
4000

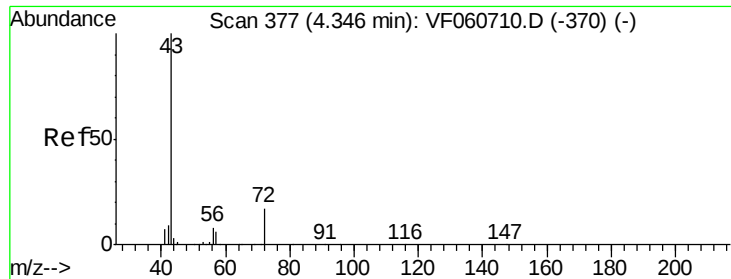
2000

0

Time-->

2.10 2.20 2.30





#25

2-Butanone

Concen: 14.02 ug/l

RT: 4.30 min Scan# 372

Delta R.T. -0.05 min

Lab File: VF060737.D

Acq: 14 Nov 2018 21:17

Instrument :

MSVOA_F

ClientSampleId :

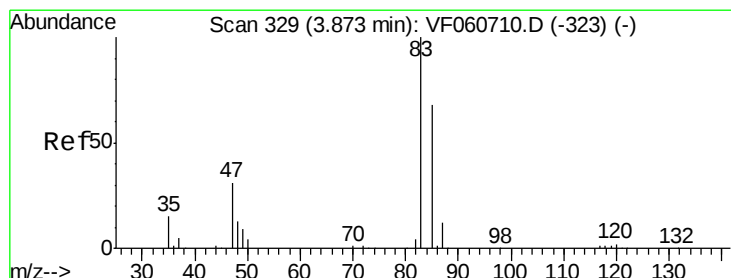
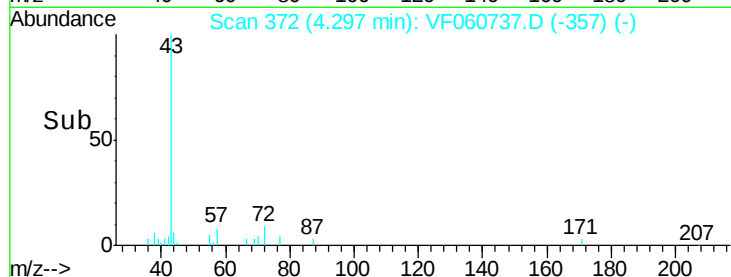
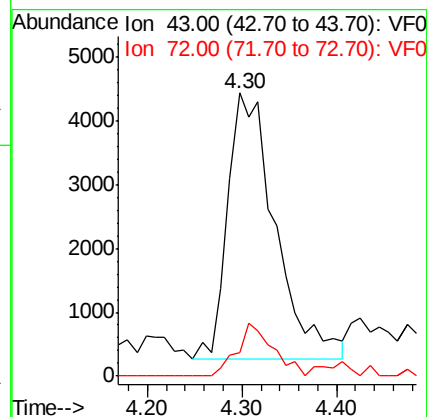
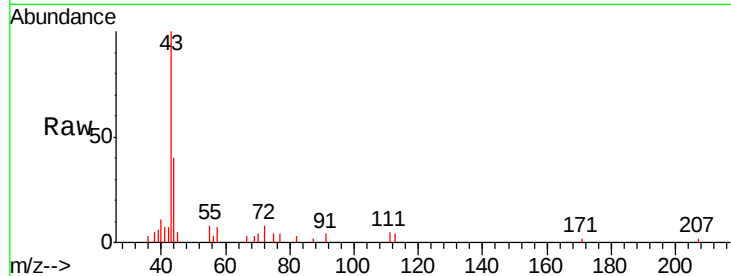
T-6

Tgt Ion: 43 Resp: 14556

Ion Ratio Lower Upper

43 100

72 8.3 16.1 24.1#



#30

Chloroform

Concen: 3.68 ug/l

RT: 3.83 min Scan# 325

Delta R.T. -0.04 min

Lab File: VF060737.D

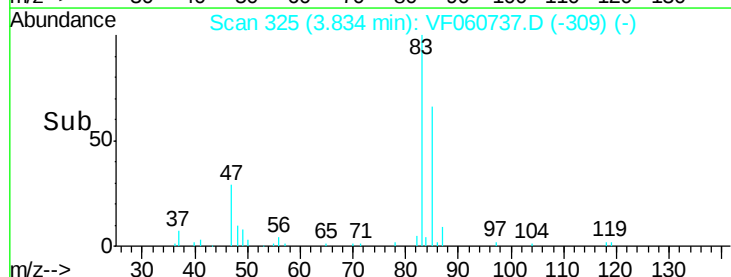
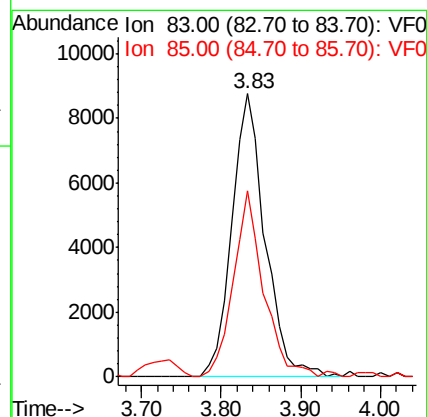
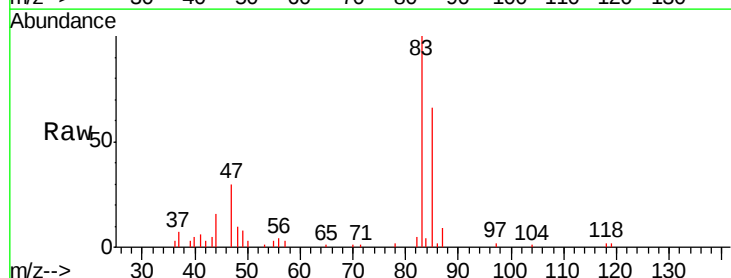
Acq: 14 Nov 2018 21:17

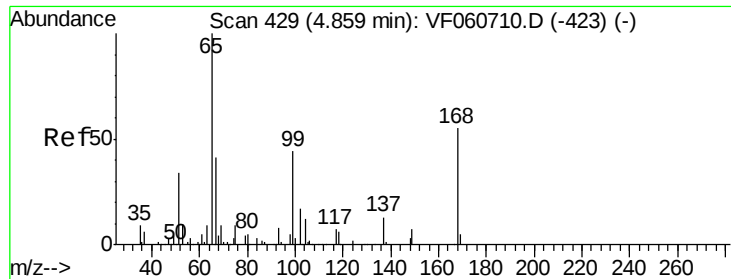
Tgt Ion: 83 Resp: 25501

Ion Ratio Lower Upper

83 100

85 65.6 54.6 82.0





#33

1,2-Dichloroethane-d4

Concen: 40.06 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.04 min

Lab File: VF060737.D

Acq: 14 Nov 2018 21:17

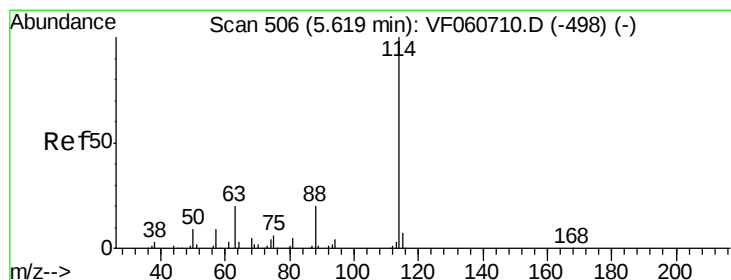
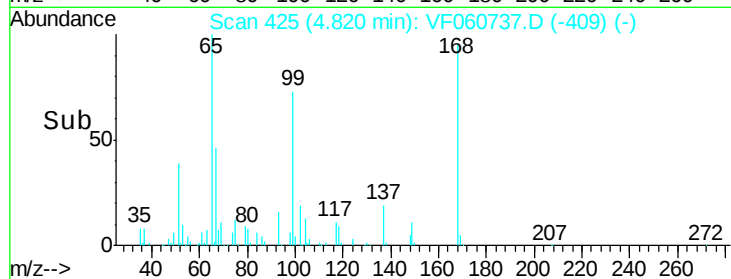
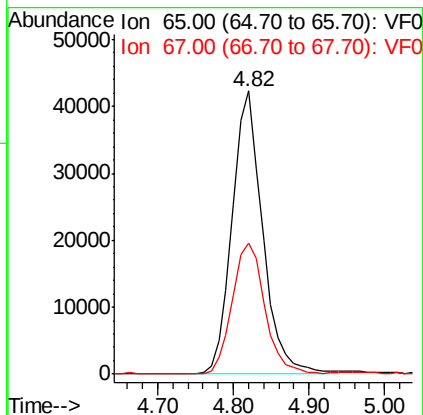
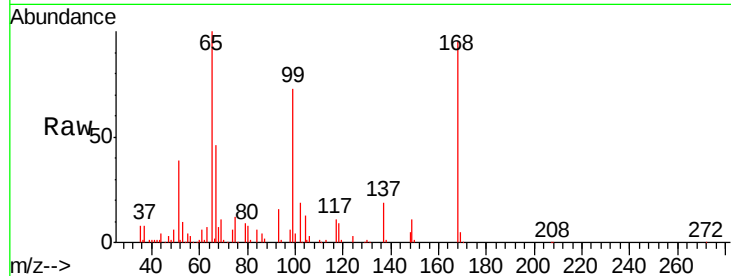
Instrument :
MSVOA_F
ClientSampleId :
T-6

Tgt Ion: 65 Resp: 118279

Ion Ratio Lower Upper

65 100

67 46.2 0.0 90.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.57 min Scan# 501

Delta R.T. -0.05 min

Lab File: VF060737.D

Acq: 14 Nov 2018 21:17

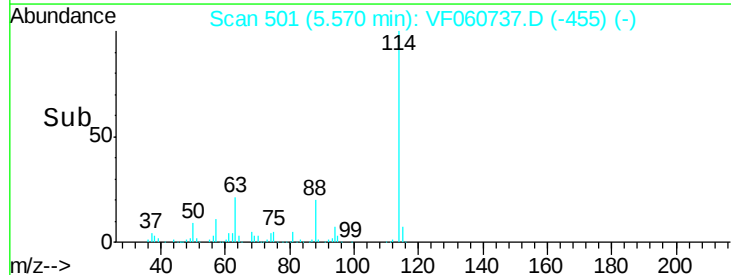
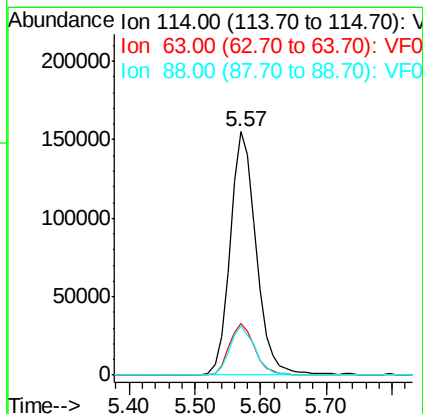
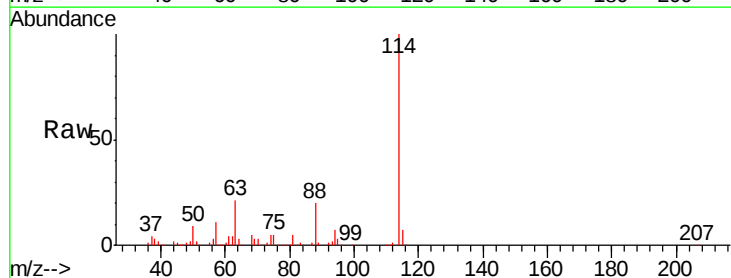
Tgt Ion: 114 Resp: 431656

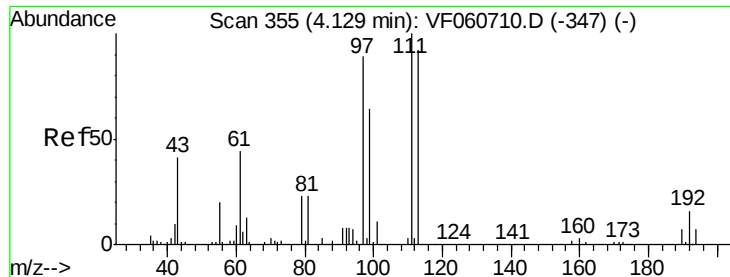
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

88 20.4 0.0 39.6

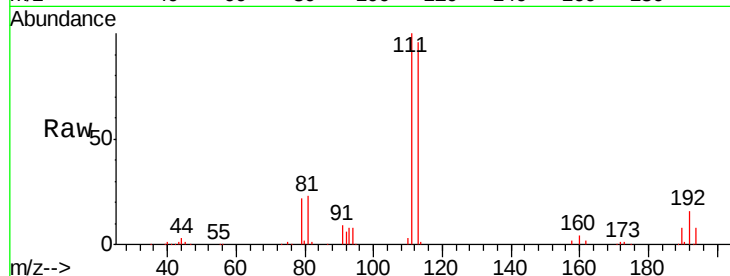




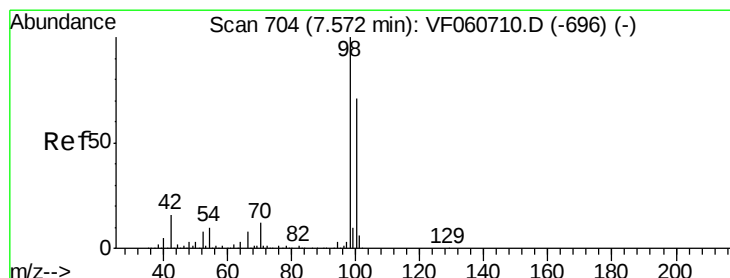
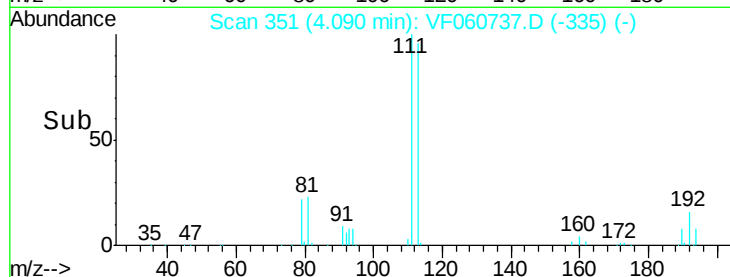
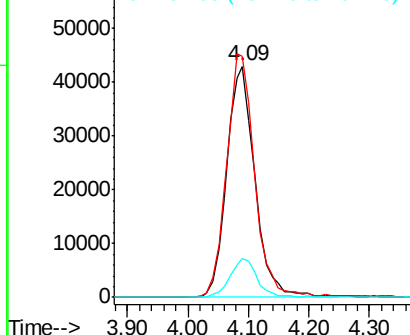
#35
 Dibromofluoromethane
 Concen: 42.91 ug/l
 RT: 4.09 min Scan# 351
 Delta R.T. -0.04 min
 Lab File: VF060737.D
 Acq: 14 Nov 2018 21:17

Instrument :
 MSVOA_F
 ClientSampleId :
 T-6

Tgt Ion:113 Resp: 139234
 Ion Ratio Lower Upper
 113 100
 111 104.3 87.1 130.7
 192 16.7 13.8 20.6

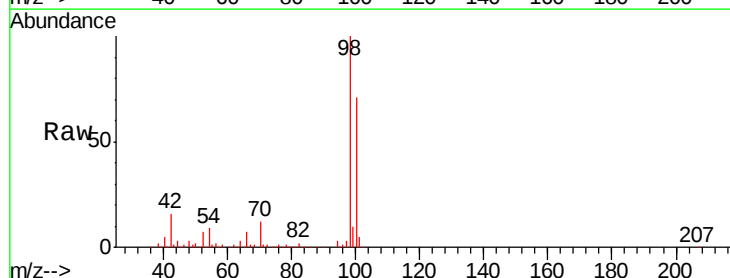


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

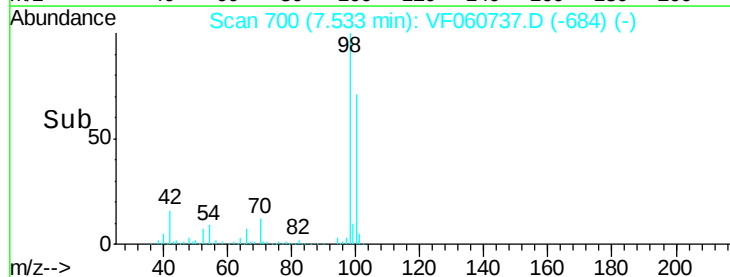
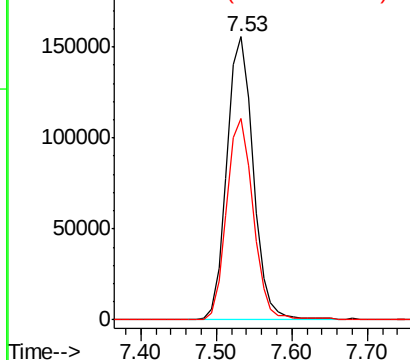


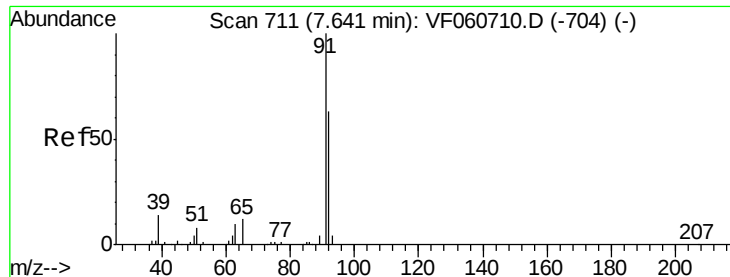
#50
 Toluene-d8
 Concen: 44.71 ug/l
 RT: 7.53 min Scan# 700
 Delta R.T. -0.04 min
 Lab File: VF060737.D
 Acq: 14 Nov 2018 21:17

Tgt Ion: 98 Resp: 375497
 Ion Ratio Lower Upper
 98 100
 100 71.2 56.5 84.7



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





#52

Toluene

Concen: 1.04 ug/l

RT: 7.60 min Scan# 707

Delta R.T. -0.04 min

Lab File: VF060737.D

Acq: 14 Nov 2018 21:17

Instrument :

MSVOA_F

ClientSampleId :

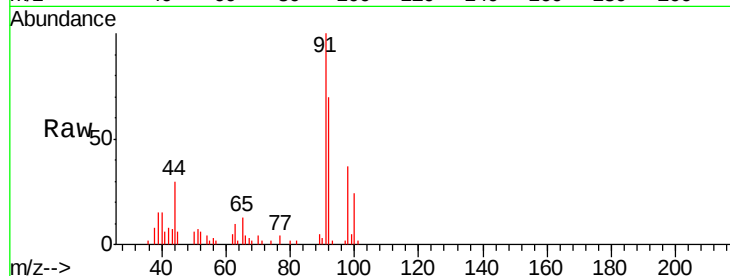
T-6

Tgt Ion: 92 Resp: 7814

Ion Ratio Lower Upper

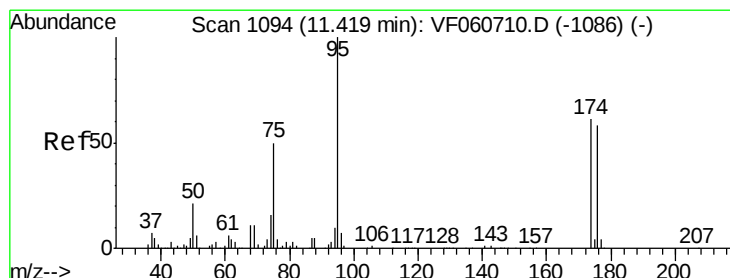
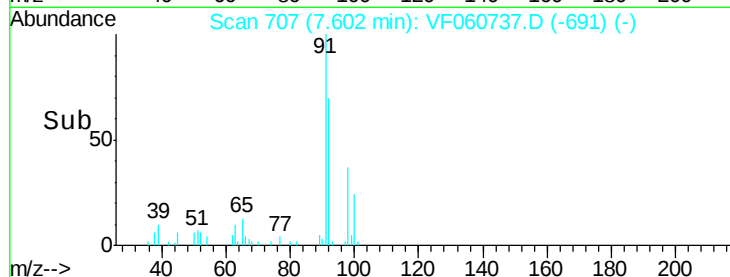
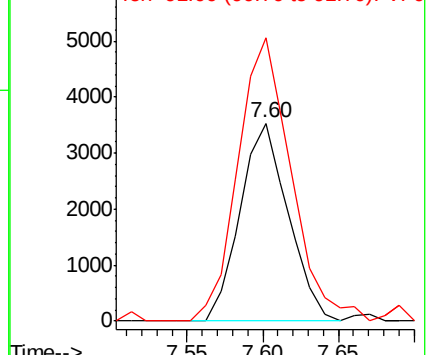
92 100

91 142.8 126.7 190.1



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#62

4-Bromofluorobenzene

Concen: 47.67 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. -0.03 min

Lab File: VF060737.D

Acq: 14 Nov 2018 21:17

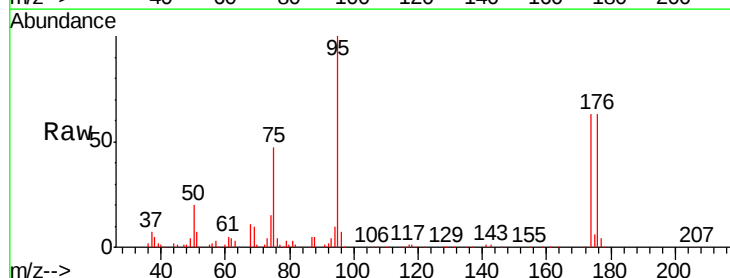
Tgt Ion: 95 Resp: 183773

Ion Ratio Lower Upper

95 100

174 63.5 0.0 121.6

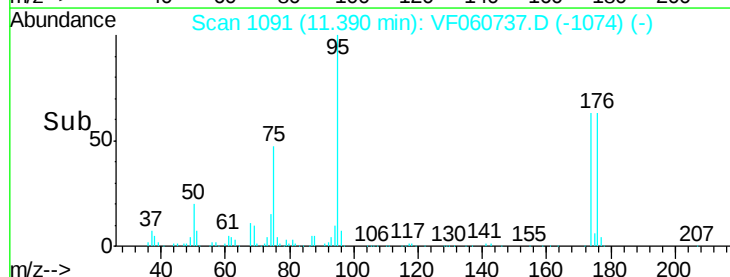
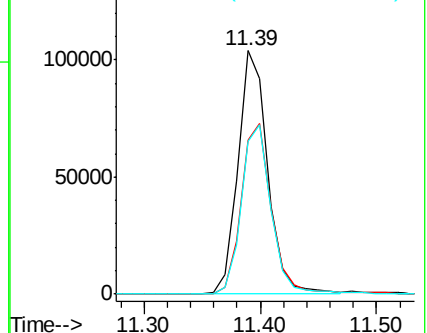
176 62.7 0.0 115.2

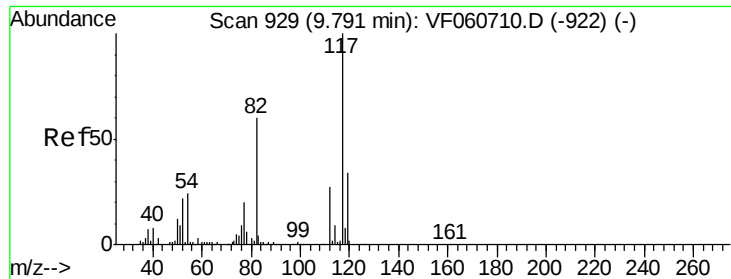


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

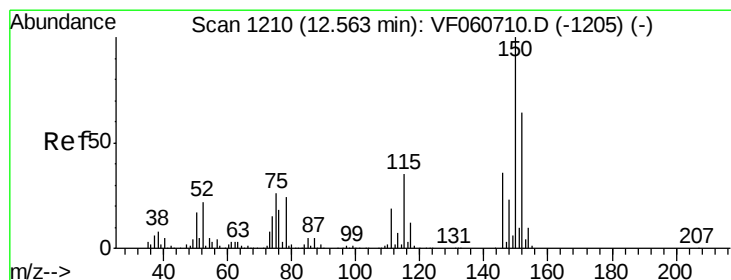
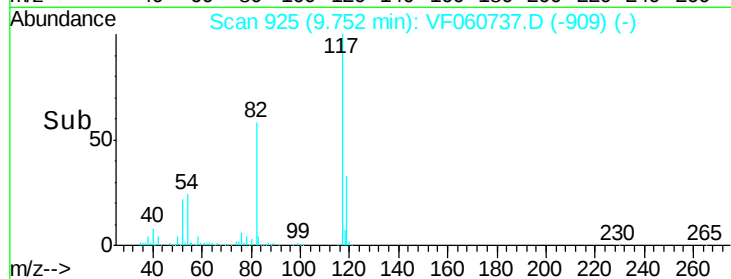
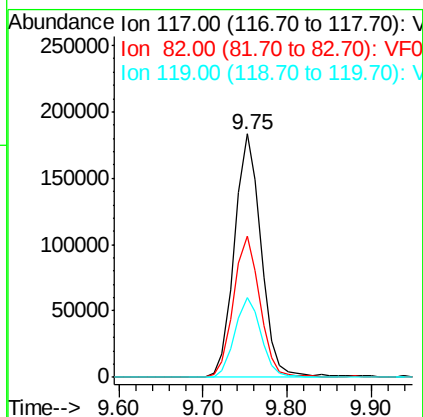
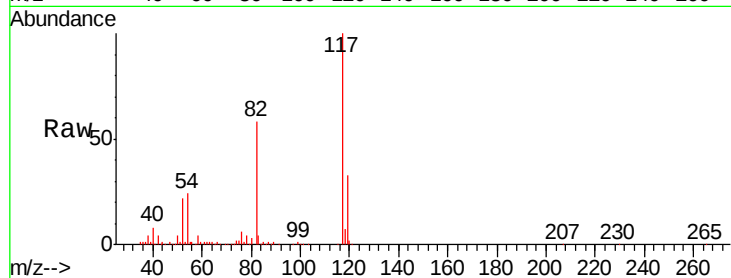




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.04 min
Lab File: VF060737.D
Acq: 14 Nov 2018 21:17

Instrument :
MSVOA_F
ClientSampleId :
T-6

Tgt Ion:117 Resp: 405171
Ion Ratio Lower Upper
117 100
82 57.9 47.9 71.9
119 32.9 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.03 min
Lab File: VF060737.D
Acq: 14 Nov 2018 21:17

Tgt Ion:152 Resp: 227790
Ion Ratio Lower Upper
152 100
115 60.5 27.9 83.7
150 153.6 0.0 316.4

