

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111418\
 Data File : VF060736.D
 Acq On : 14 Nov 2018 20:49
 Operator : VA/AP
 Sample : J5915-05
 Misc : 5.09g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 T-5

Quant Time: Nov 15 07:46:24 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	4.84	168	259235	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.57	114	450404	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.75	117	409891	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.53	152	227266	50.00	ug/l	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.82	65	119939	40.56	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	81.12%	
35) Dibromofluoromethane	4.09	113	143973	42.52	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	85.04%	
50) Toluene-d8	7.53	98	378578	43.06	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	86.12%	
62) 4-Bromofluorobenzene	11.39	95	187074	46.40	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	92.80%	

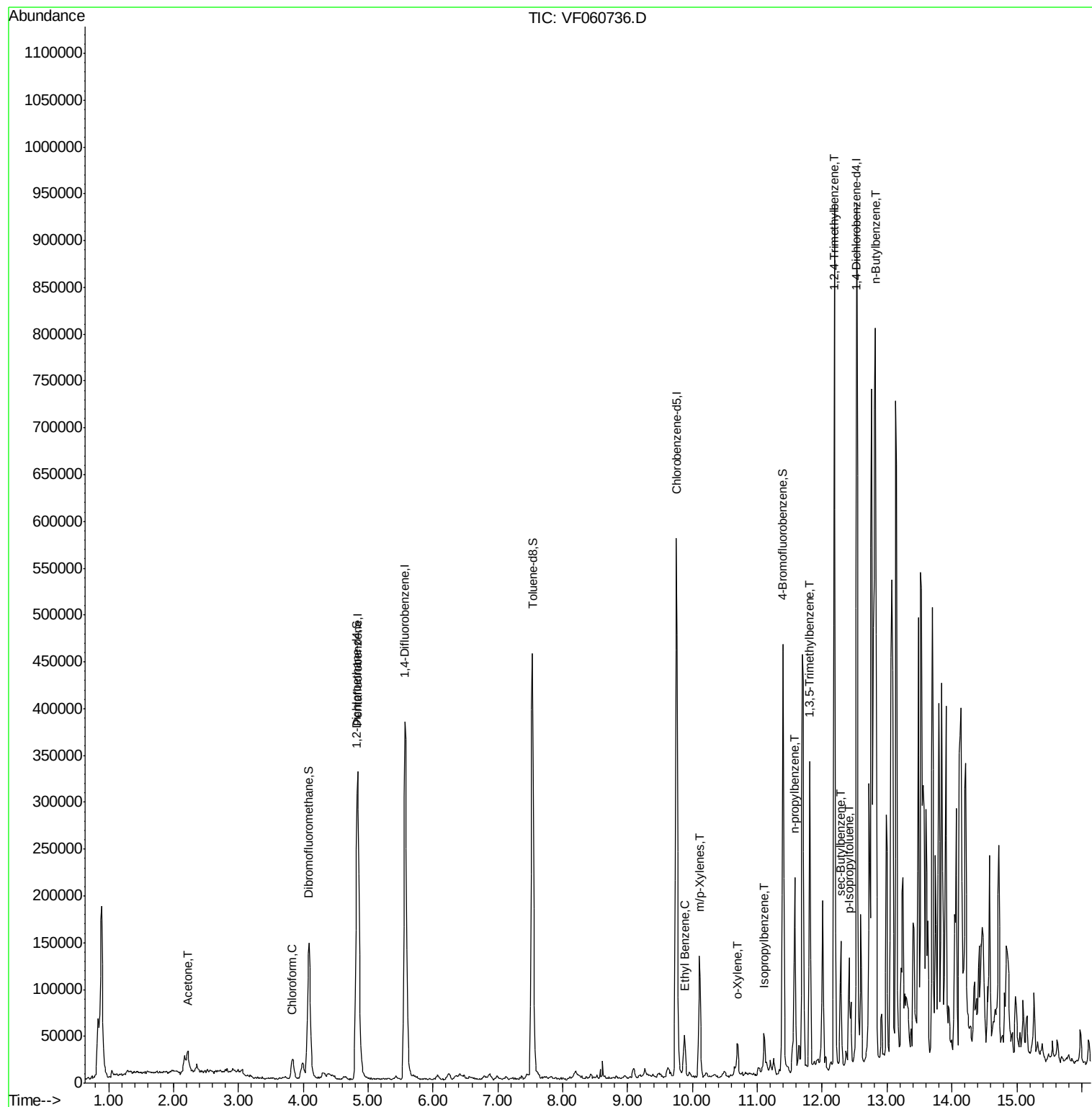
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.23	43	25337	40.09	ug/l	95
30) Chloroform	3.83	83	22595	3.25	ug/l	92
67) Ethyl Benzene	9.88	91	33430	2.14	ug/l	100
68) m/p-Xylenes	10.11	106	43869	7.87	ug/l	95
69) o-Xylene	10.70	106	9160	1.46	ug/l	88
73) Isopropylbenzene	11.10	105	23792	1.30	ug/l	99
78) n-propylbenzene	11.58	91	160779	7.54	ug/l	96
80) 1,3,5-Trimethylbenzene	11.81	105	181918	12.53	ug/l	100
84) 1,2,4-Trimethylbenzene	12.19	105	450991	30.03	ug/l	97
85) sec-Butylbenzene	12.29	105	43658	2.09	ug/l #	67
86) p-Isopropyltoluene	12.42	119	74566	4.27	ug/l	98
89) n-Butylbenzene	12.83	91	190890	10.71	ug/l #	75

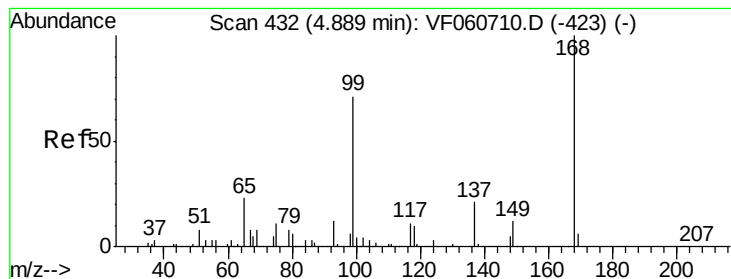
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF111418\
Data File : VF060736.D
Acq On : 14 Nov 2018 20:49
Operator : VA/AP
Sample : J5915-05
Misc : 5.09g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
T-5

Quant Time: Nov 15 07:46:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
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: 4.84 min Scan# 427

Delta R.T. -0.05 min

Lab File: VF060736.D

Acq: 14 Nov 2018 20:49

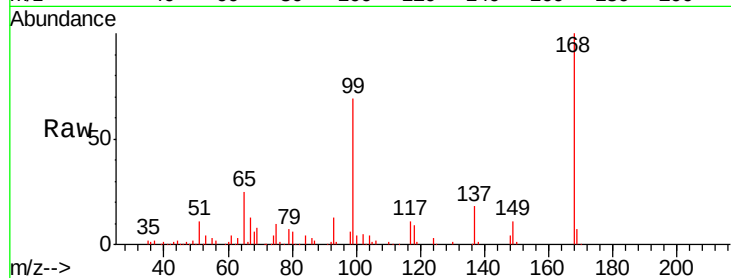
Instrument :
MSVOA_F
ClientSampleId :
T-5

Tgt Ion: 168 Resp: 259235

Ion Ratio Lower Upper

168 100

99 68.8 57.2 85.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

80000

60000

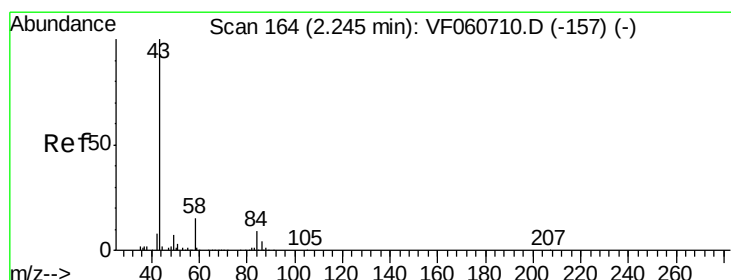
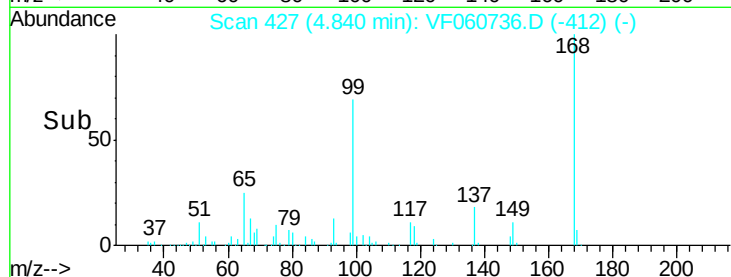
40000

20000

0

4.70 4.80 4.90 5.00

Time-->



#16

Acetone

Concen: 40.09 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.02 min

Lab File: VF060736.D

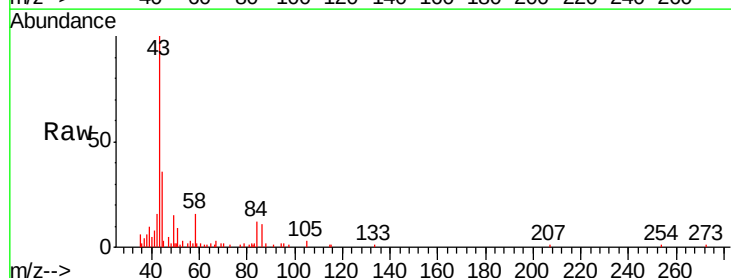
Acq: 14 Nov 2018 20:49

Tgt Ion: 43 Resp: 25337

Ion Ratio Lower Upper

43 100

58 16.4 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

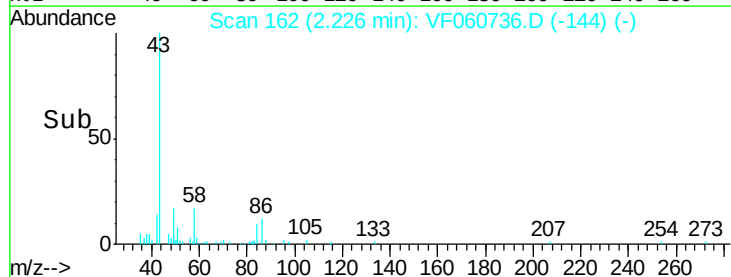
4000

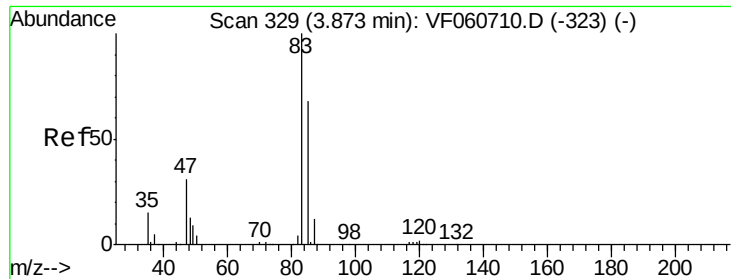
2000

0

2.10 2.20 2.30

Time-->

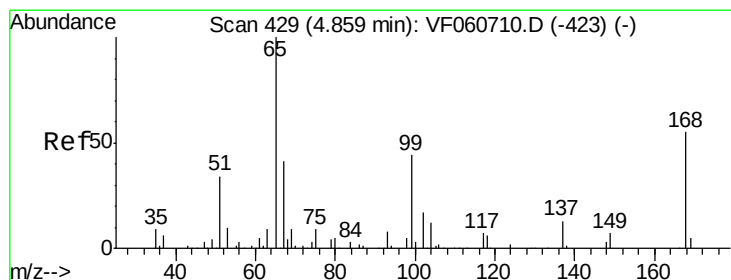
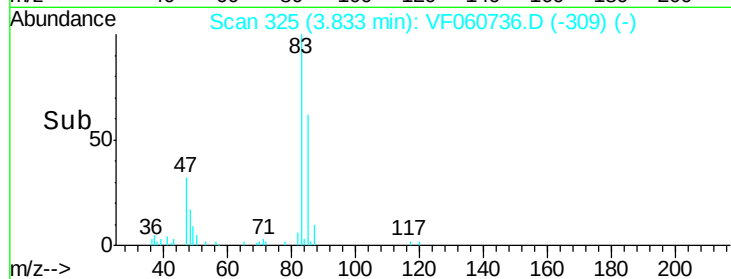
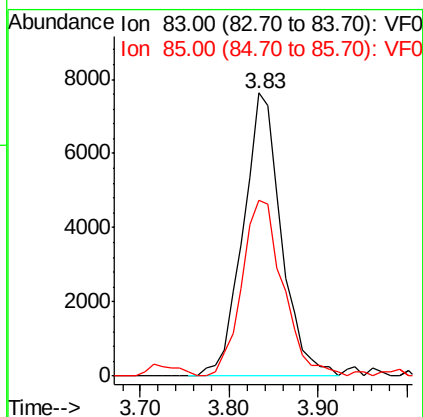
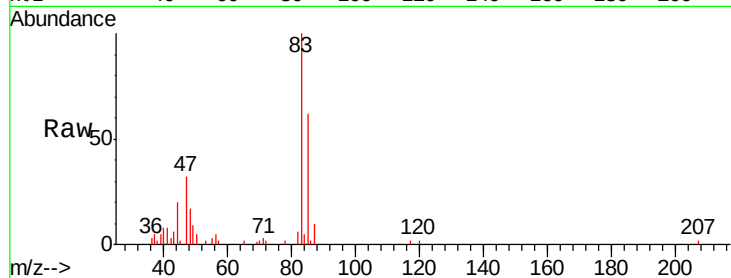




#30
Chloroform
Concen: 3.25 ug/l
RT: 3.83 min Scan# 325
Delta R.T. -0.04 min
Lab File: VF060736.D
Acq: 14 Nov 2018 20:49

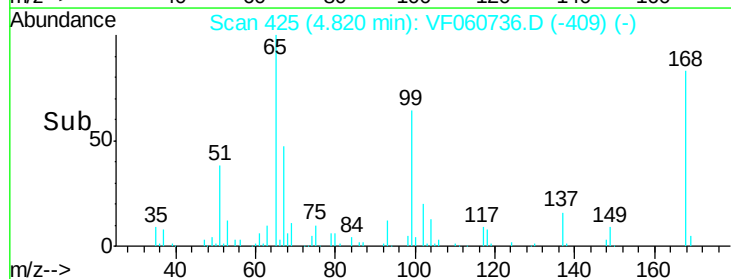
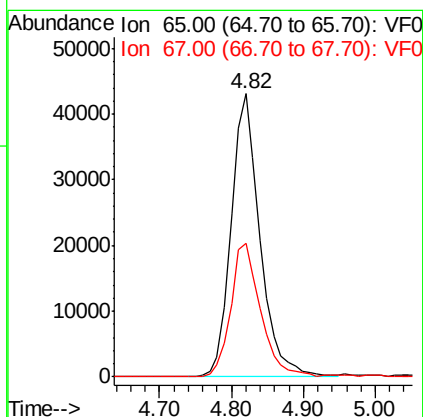
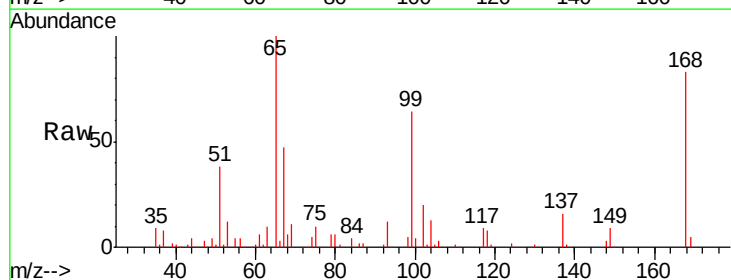
Instrument :
MSVOA_F
ClientSampled :
T-5

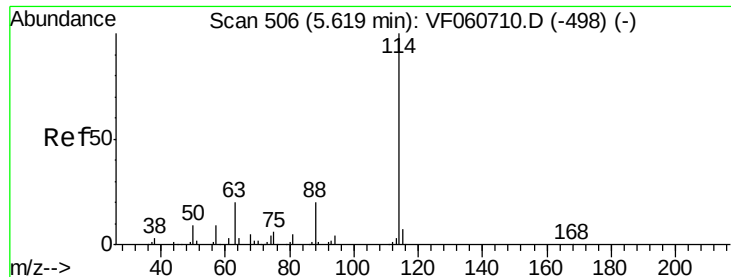
Tgt Ion: 83 Resp: 22595
Ion Ratio Lower Upper
83 100
85 62.2 54.6 82.0



#33
1,2-Dichloroethane-d4
Concen: 40.56 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.04 min
Lab File: VF060736.D
Acq: 14 Nov 2018 20:49

Tgt Ion: 65 Resp: 119939
Ion Ratio Lower Upper
65 100
67 47.0 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: VF060736.D

Acq: 14 Nov 2018 20:49

Instrument :

MSVOA_F

ClientSampleId :

T-5

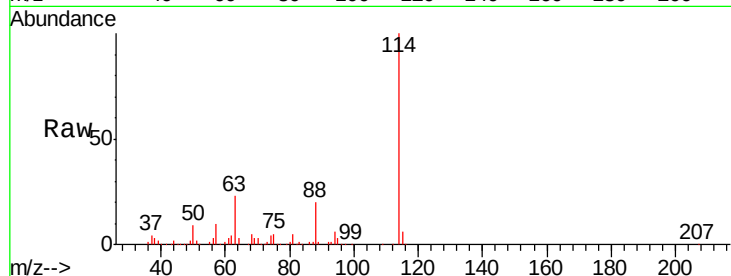
Tgt Ion:114 Resp: 450404

Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.8

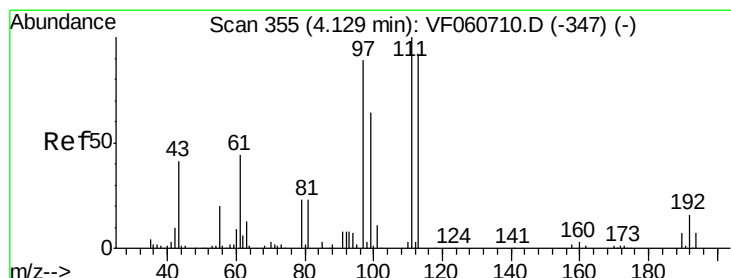
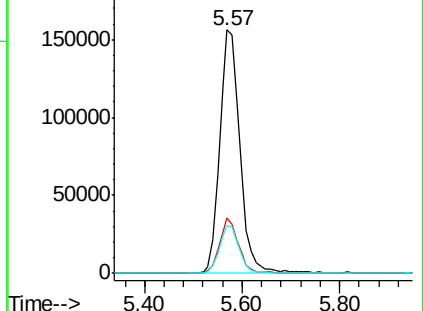
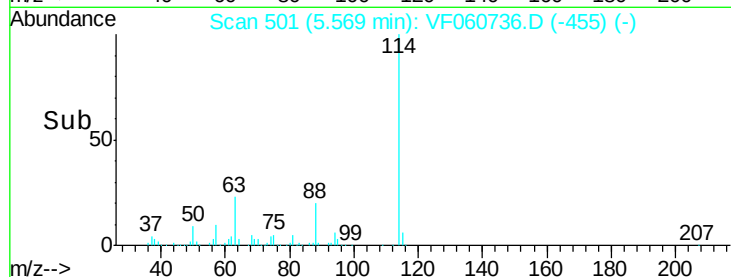
88 19.8 0.0 39.6



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: 42.52 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.04 min

Lab File: VF060736.D

Acq: 14 Nov 2018 20:49

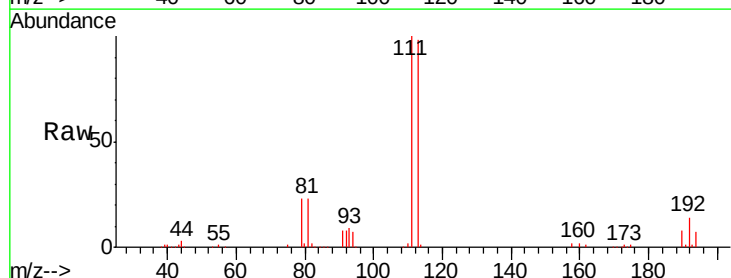
Tgt Ion:113 Resp: 143973

Ion Ratio Lower Upper

113 100

111 102.2 87.1 130.7

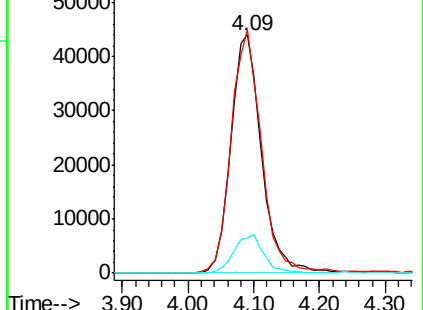
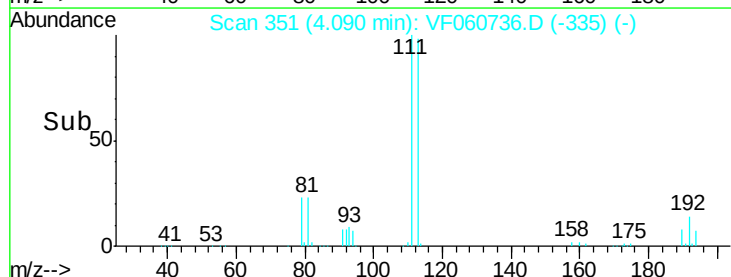
192 14.4 13.8 20.6

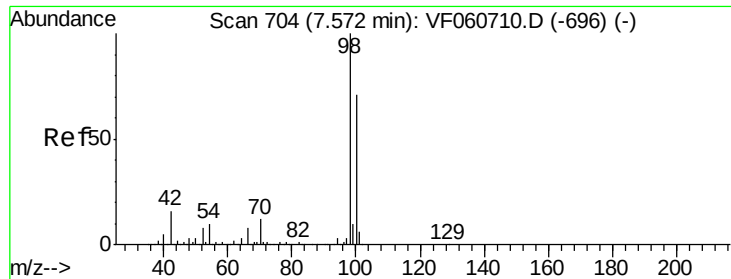


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

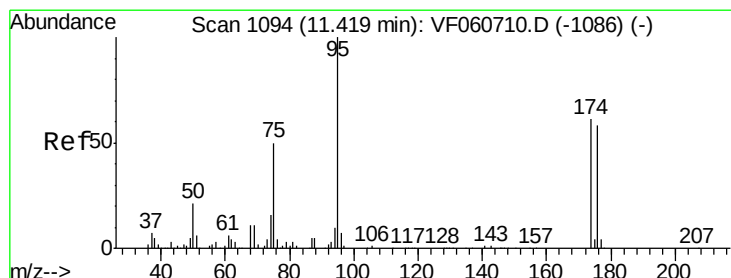
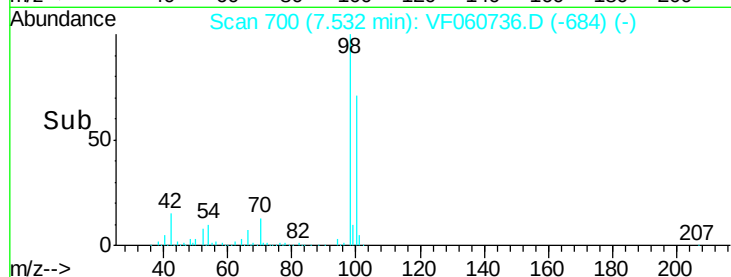
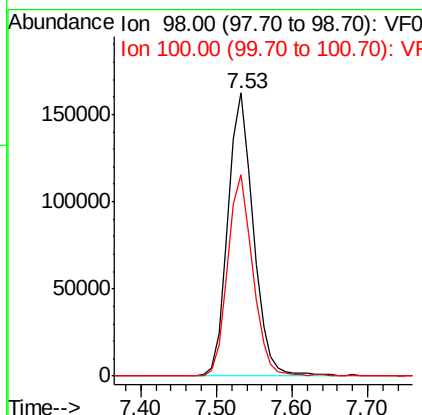
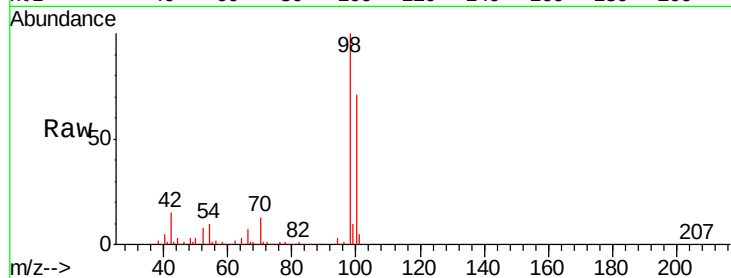




#50
Toluene-d8
Concen: 43.06 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.04 min
Lab File: VF060736.D
Acq: 14 Nov 2018 20:49

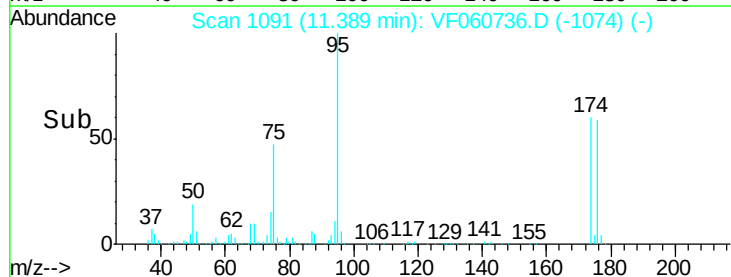
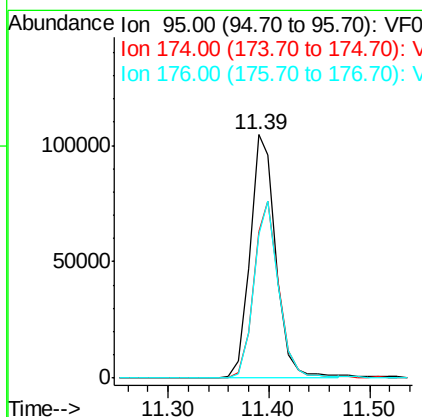
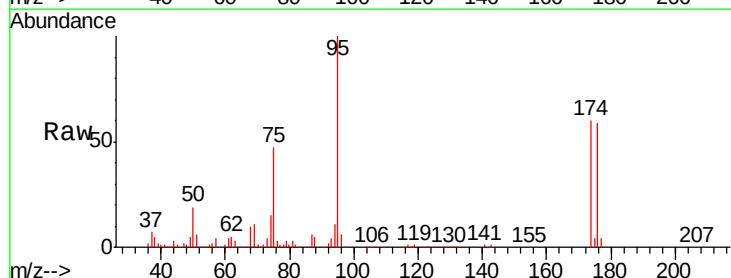
Instrument :
MSVOA_F
ClientSampleId :
T-5

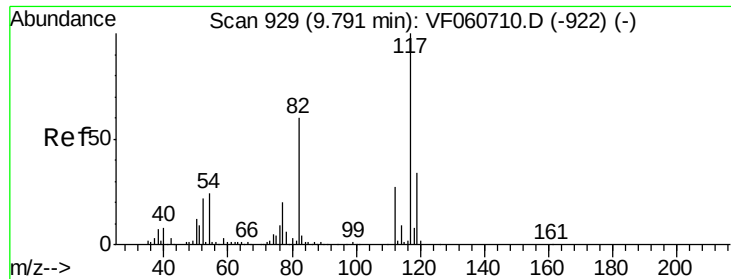
Tgt Ion: 98 Resp: 378578
Ion Ratio Lower Upper
98 100
100 71.3 56.5 84.7



#62
4-Bromofluorobenzene
Concen: 46.40 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.03 min
Lab File: VF060736.D
Acq: 14 Nov 2018 20:49

Tgt Ion: 95 Resp: 187074
Ion Ratio Lower Upper
95 100
174 59.9 0.0 121.6
176 59.0 0.0 115.2

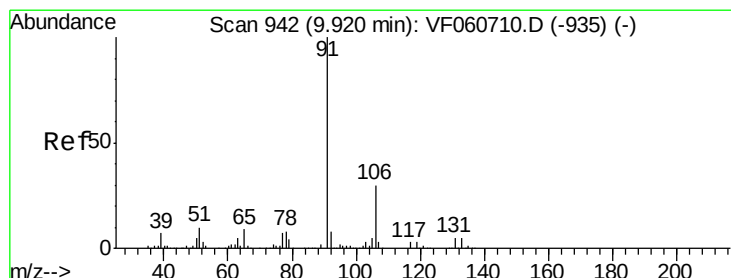
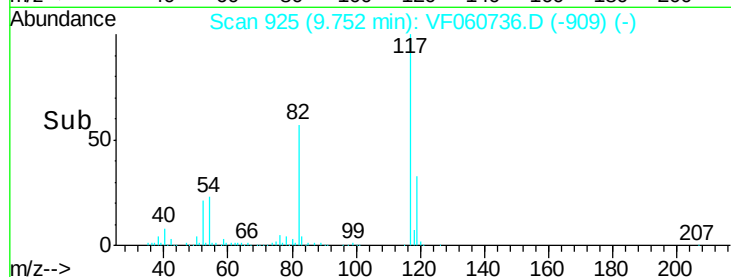
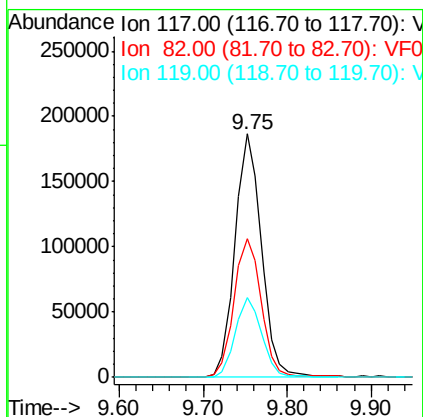
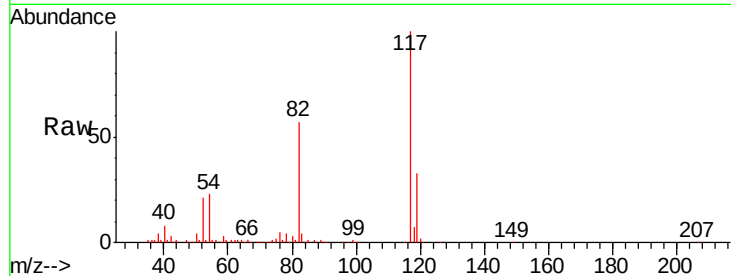




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.04 min
Lab File: VF060736.D
Acq: 14 Nov 2018 20:49

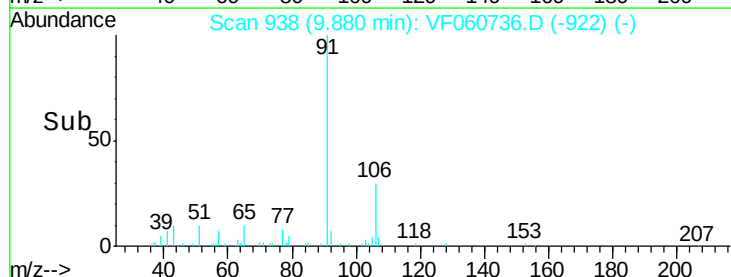
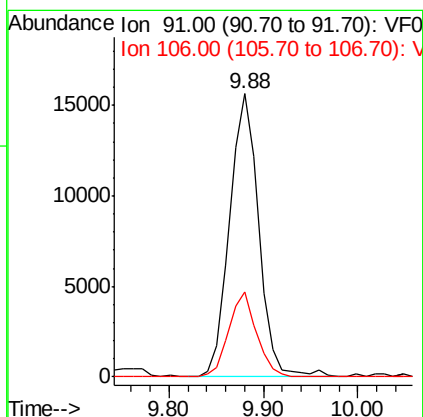
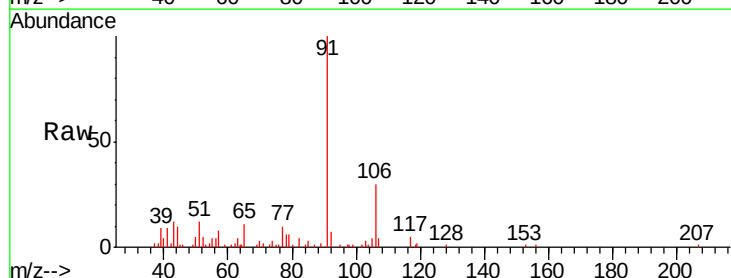
Instrument :
MSVOA_F
ClientSampleId :
T-5

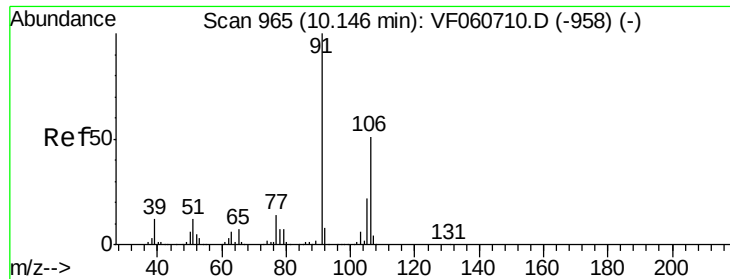
Tgt Ion: 117 Resp: 409891
Ion Ratio Lower Upper
117 100
82 57.2 47.9 71.9
119 32.5 26.8 40.2



#67
Ethyl Benzene
Concen: 2.14 ug/l
RT: 9.88 min Scan# 938
Delta R.T. -0.04 min
Lab File: VF060736.D
Acq: 14 Nov 2018 20:49

Tgt Ion: 91 Resp: 33430
Ion Ratio Lower Upper
91 100
106 30.1 23.9 35.9

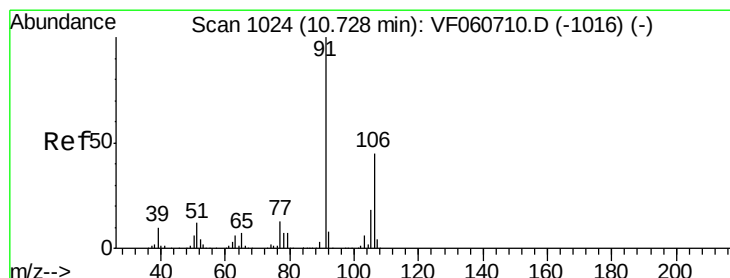
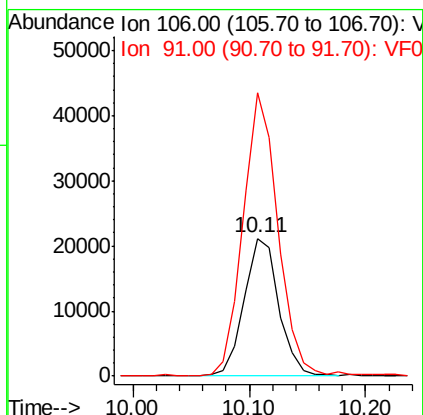
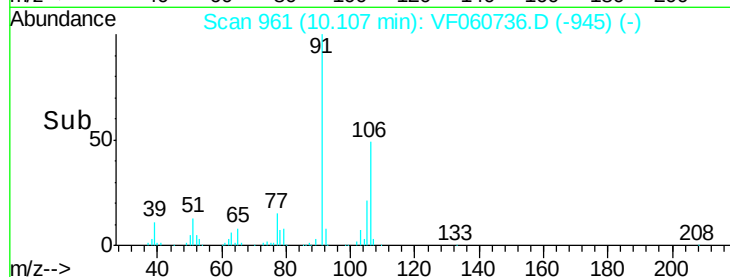
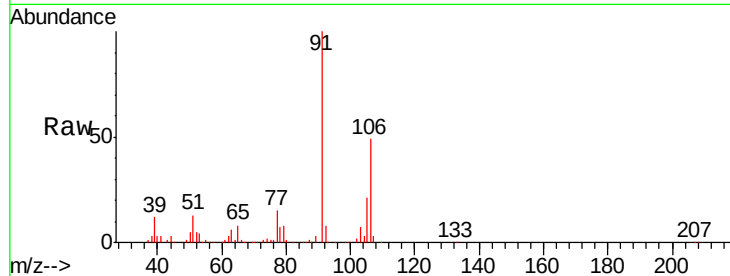




#68
m/p-Xylenes
Concen: 7.87 ug/l
RT: 10.11 min Scan# 961
Delta R.T. -0.04 min
Lab File: VF060736.D
Acq: 14 Nov 2018 20:49

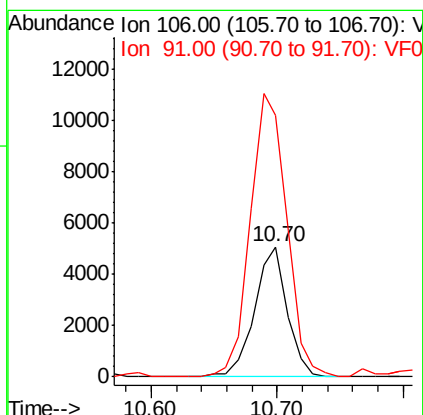
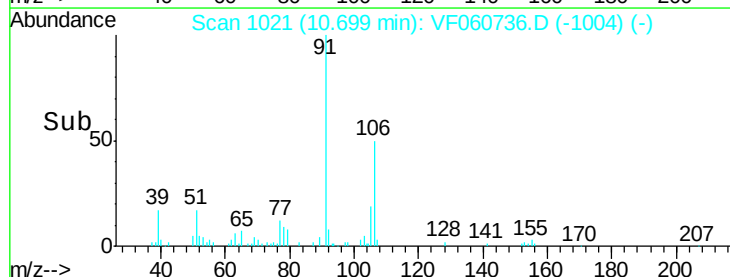
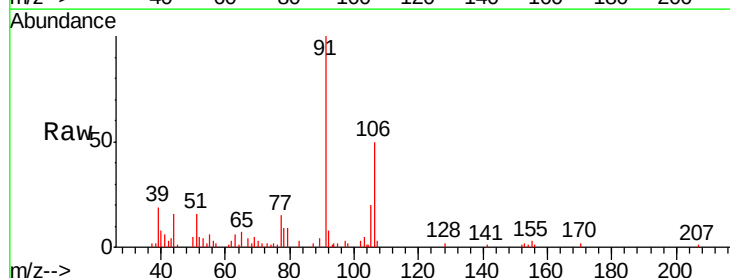
Instrument :
MSVOA_F
ClientSampled :
T-5

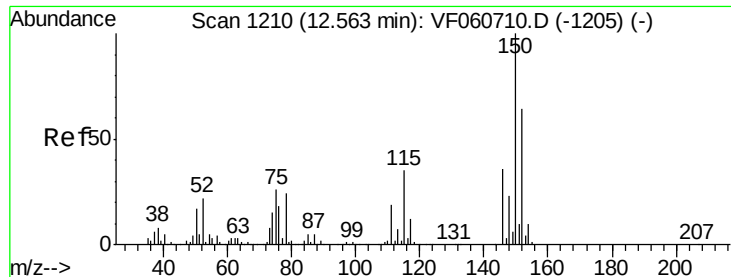
Tgt Ion:106 Resp: 43869
Ion Ratio Lower Upper
106 100
91 205.2 158.2 237.2



#69
o-Xylene
Concen: 1.46 ug/l
RT: 10.70 min Scan# 1021
Delta R.T. -0.03 min
Lab File: VF060736.D
Acq: 14 Nov 2018 20:49

Tgt Ion:106 Resp: 9160
Ion Ratio Lower Upper
106 100
91 200.7 110.3 330.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.53 min Scan# 1207

Delta R.T. -0.03 min

Lab File: VF060736.D

Acq: 14 Nov 2018 20:49

Instrument :

MSVOA_F

ClientSampled :

T-5

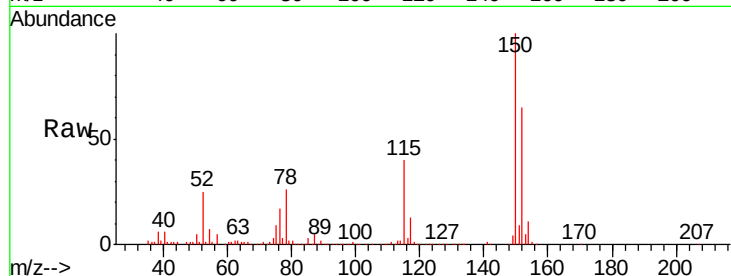
Tgt Ion:152 Resp: 227266

Ion Ratio Lower Upper

152 100

115 61.5 27.9 83.7

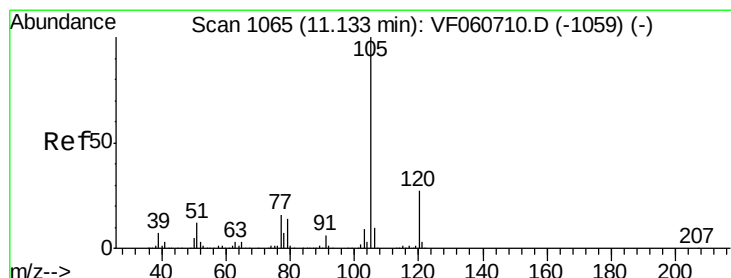
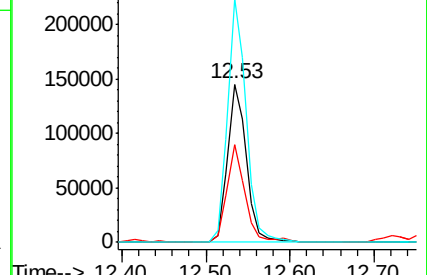
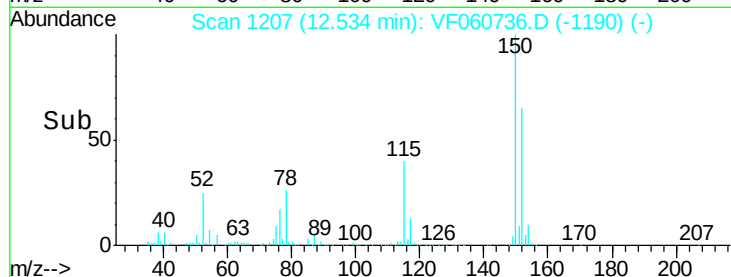
150 153.9 0.0 316.4



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



#73

Isopropylbenzene

Concen: 1.30 ug/l

RT: 11.10 min Scan# 1062

Delta R.T. -0.03 min

Lab File: VF060736.D

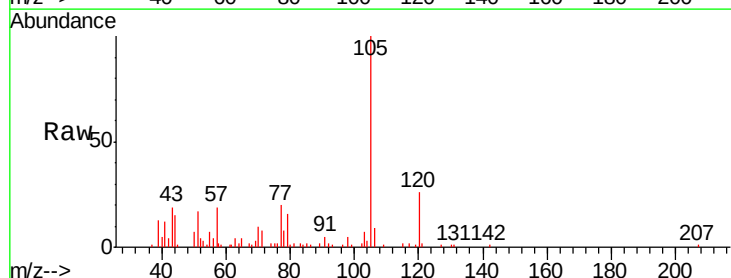
Acq: 14 Nov 2018 20:49

Tgt Ion:105 Resp: 23792

Ion Ratio Lower Upper

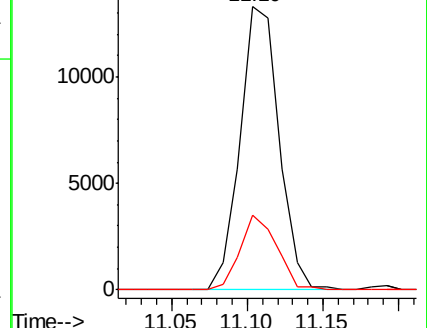
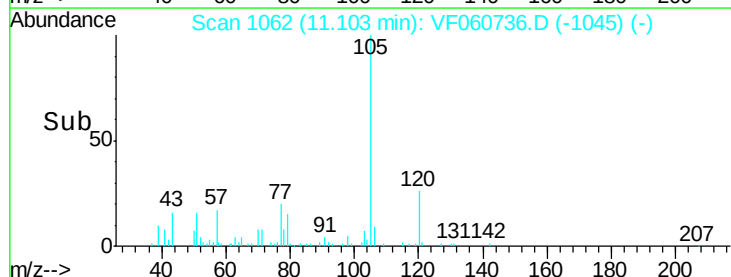
105 100

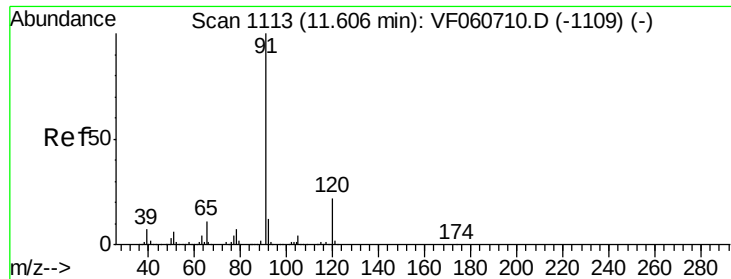
120 26.4 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

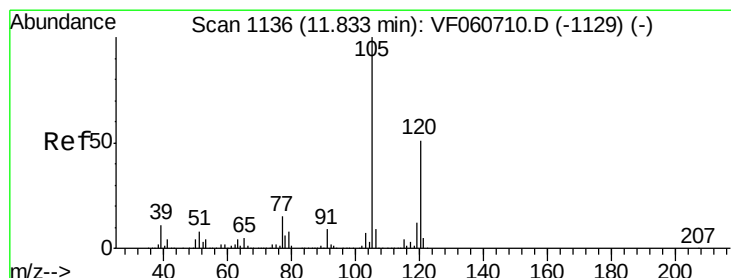
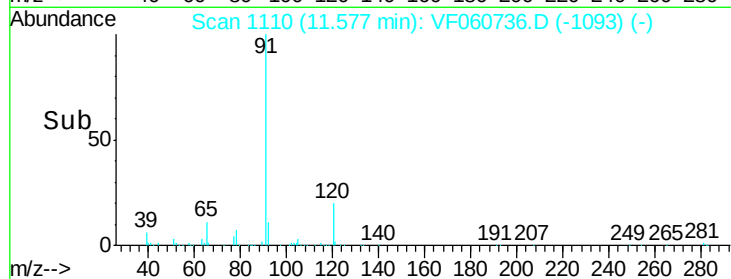
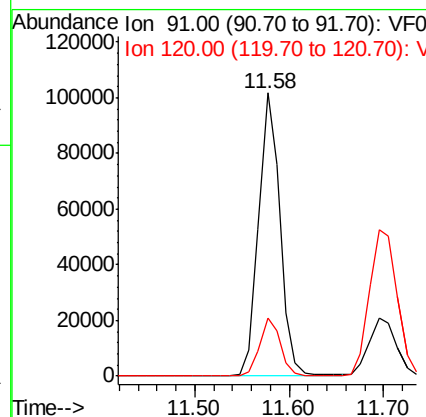
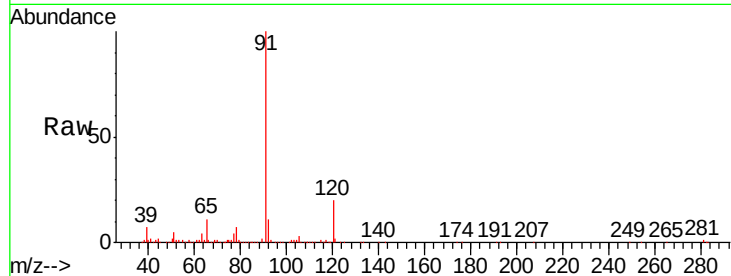




#78
n-propylbenzene
Concen: 7.54 ug/l
RT: 11.58 min Scan# 1110
Delta R.T. -0.03 min
Lab File: VF060736.D
Acq: 14 Nov 2018 20:49

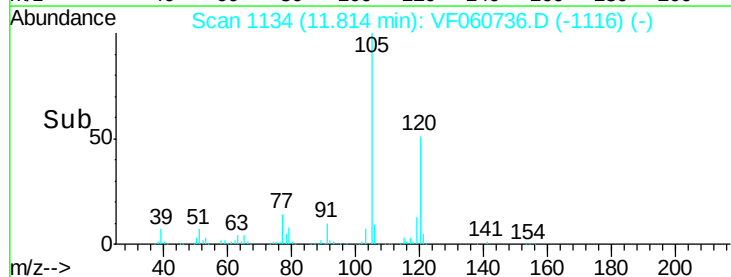
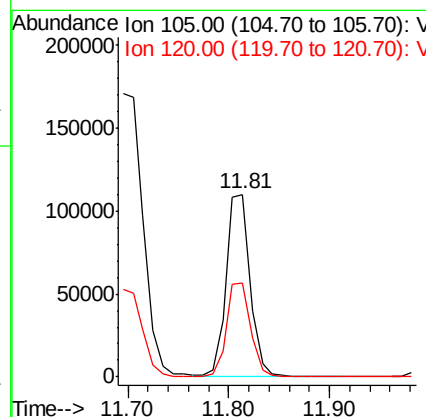
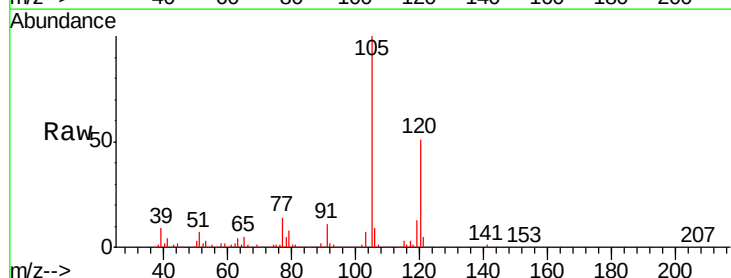
Instrument :
MSVOA_F
ClientSampleId :
T-5

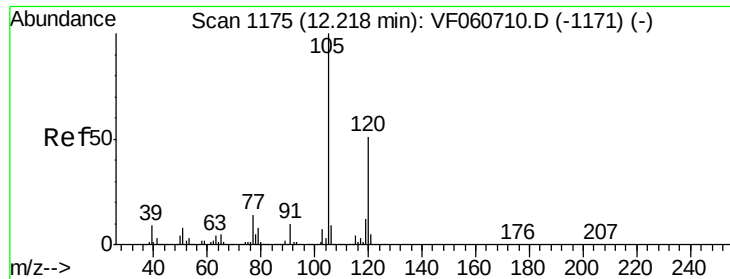
Tgt Ion: 91 Resp: 160779
Ion Ratio Lower Upper
91 100
120 20.4 11.2 33.5



#80
1,3,5-Trimethylbenzene
Concen: 12.53 ug/l
RT: 11.81 min Scan# 1134
Delta R.T. -0.02 min
Lab File: VF060736.D
Acq: 14 Nov 2018 20:49

Tgt Ion: 105 Resp: 181918
Ion Ratio Lower Upper
105 100
120 51.4 25.6 76.8

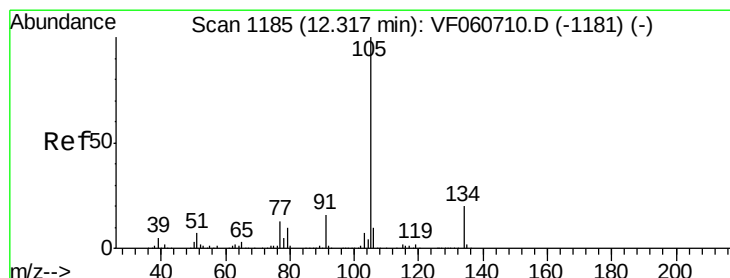
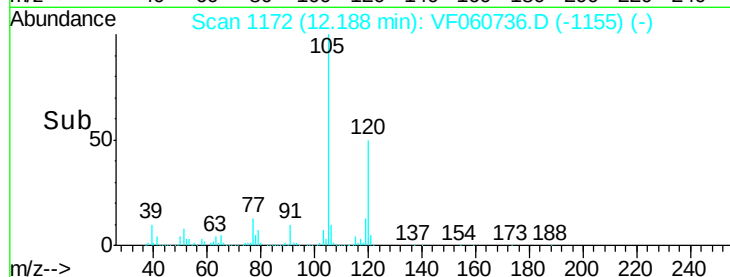
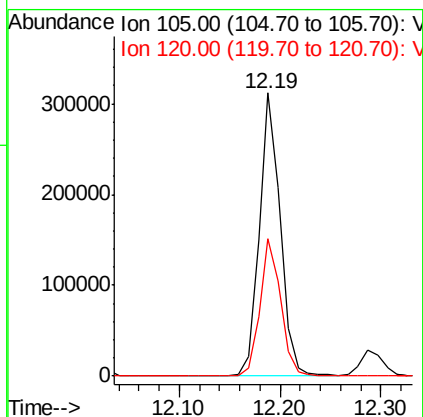
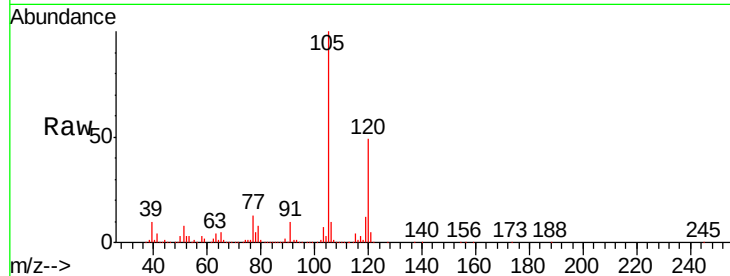




#84
 1,2,4-Trimethylbenzene
 Concen: 30.03 ug/l
 RT: 12.19 min Scan# 1172
 Delta R.T. -0.03 min
 Lab File: VF060736.D
 Acq: 14 Nov 2018 20:49

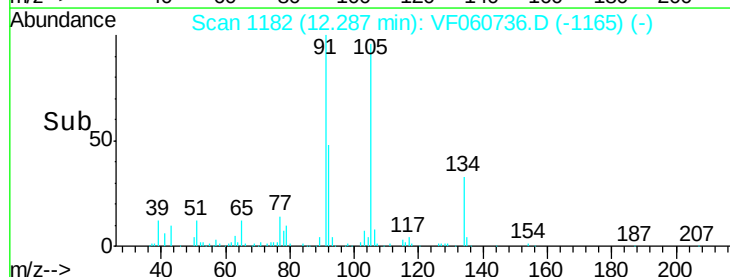
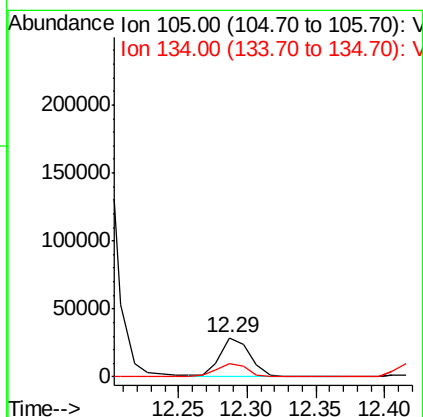
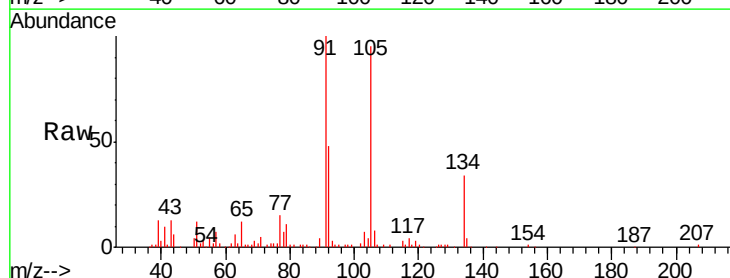
Instrument :
 MSVOA_F
 ClientSampleId :
 T-5

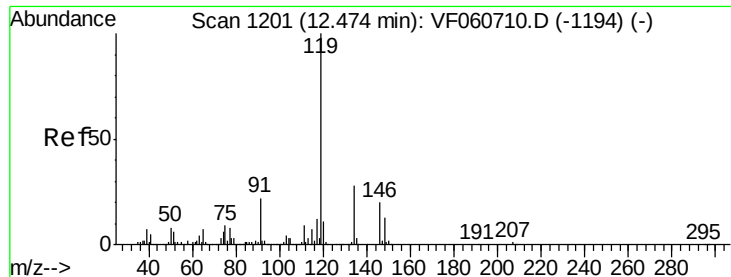
Tgt Ion:105 Resp: 450991
 Ion Ratio Lower Upper
 105 100
 120 48.7 25.5 76.5



#85
 sec-Butylbenzene
 Concen: 2.09 ug/l
 RT: 12.29 min Scan# 1182
 Delta R.T. -0.03 min
 Lab File: VF060736.D
 Acq: 14 Nov 2018 20:49

Tgt Ion:105 Resp: 43658
 Ion Ratio Lower Upper
 105 100
 134 35.2 10.1 30.3#

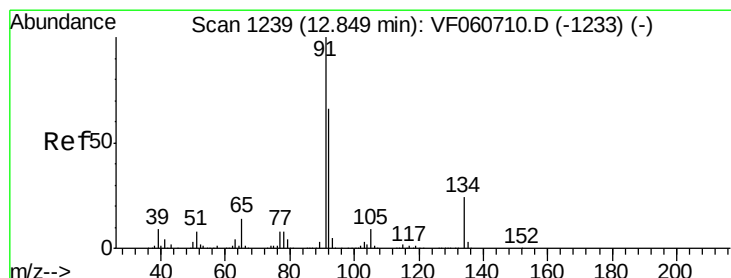
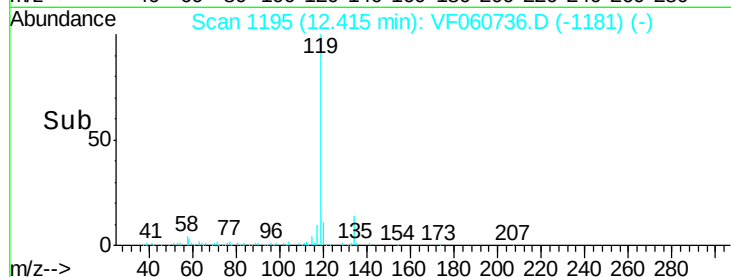
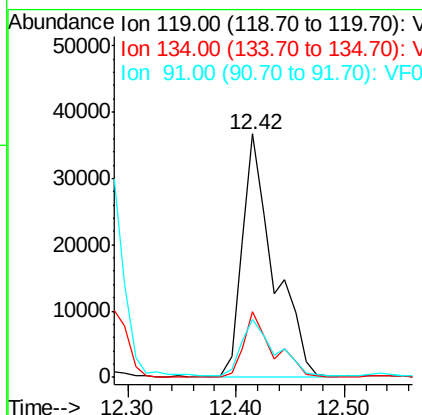
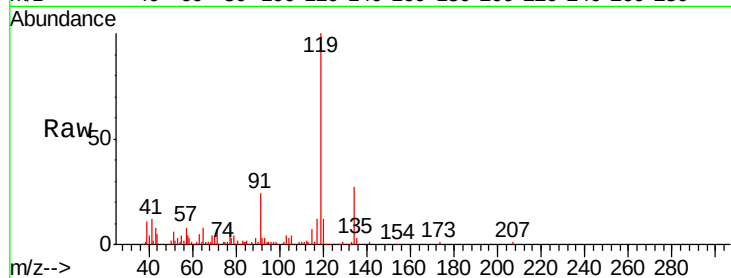




#86
 p-Isopropyltoluene
 Concen: 4.27 ug/l
 RT: 12.42 min Scan# 1195
 Delta R.T. -0.06 min
 Lab File: VF060736.D
 Acq: 14 Nov 2018 20:49

Instrument :
 MSVOA_F
 ClientSampleId :
 T-5

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.9	41.7
91	23.8	11.3	33.9



#89
 n-Butylbenzene
 Concen: 10.71 ug/l
 RT: 12.83 min Scan# 1237
 Delta R.T. -0.02 min
 Lab File: VF060736.D
 Acq: 14 Nov 2018 20:49

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.1	33.1	99.2
134	51.2	11.9	35.9

