

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF091018\
 Data File : VF060244.D
 Acq On : 10 Sep 2018 19:32
 Operator : VA/AP
 Sample : J4803-20
 Misc : 5.67/5mL/MSVOA F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-J7

Quant Time: Sep 11 08:19:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 07 10:44:05 2018
 Response via : Initial Calibration

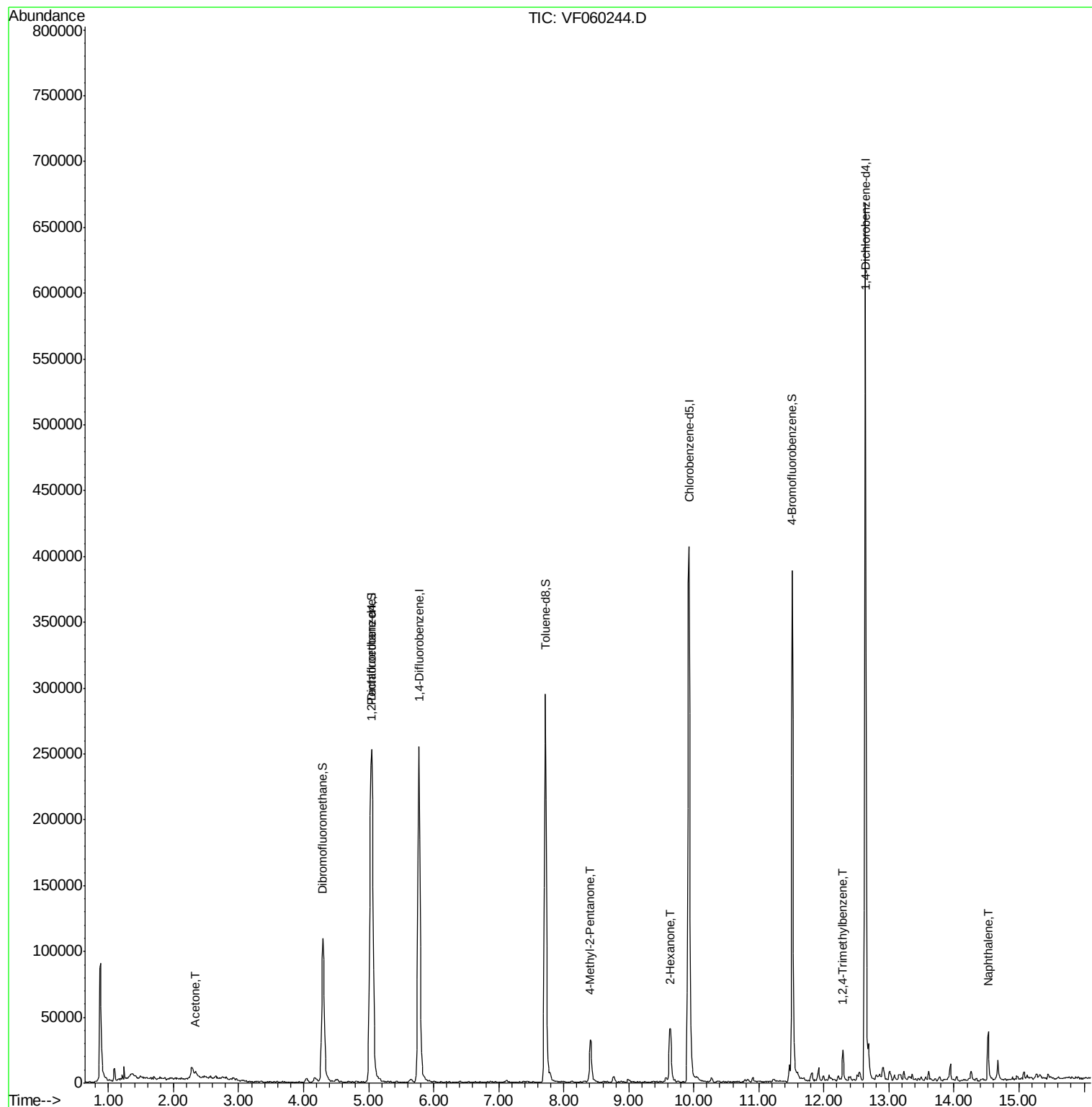
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	185387	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	259967	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.93	117	274338	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.64	152	165805	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	114103	35.23	ug/l	0.01
Spiked Amount 50.000			Recovery	=	70.46%	
35) Dibromofluoromethane	4.30	113	95609	37.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.08%	
50) Toluene-d8	7.72	98	232673	36.61	ug/l	0.01
Spiked Amount 50.000			Recovery	=	73.22%	
62) 4-Bromofluorobenzene	11.51	95	126418	35.25	ug/l	0.01
Spiked Amount 50.000			Recovery	=	70.50%	
Target Compounds						
16) Acetone	2.34	43	6577	19.06	ug/l	99
51) 4-Methyl-2-Pentanone	8.41	43	29245	18.49	ug/l	91
59) 2-Hexanone	9.63	43	40000	32.80	ug/l	97
84) 1,2,4-Trimethylbenzene	12.29	105	11383	1.11	ug/l	99
95) Naphthalene	14.53	128	28052	6.85	ug/l	98

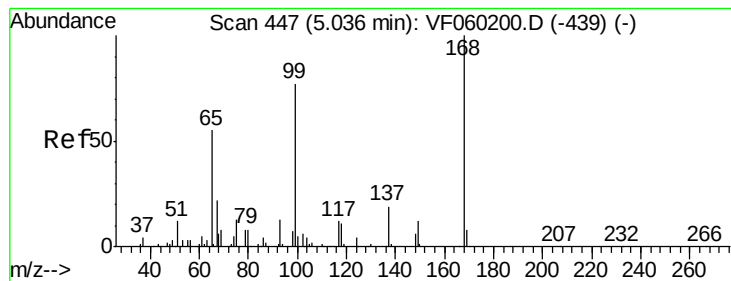
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF091018\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 07 10:44:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 448

Delta R.T. 0.01 min

Lab File: VF060244.D

Acq: 10 Sep 2018 19:32

Instrument :

MSVOA_F

ClientSampleId :

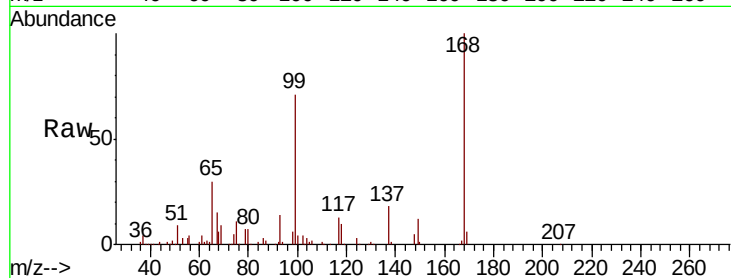
EP1-Q2-J7

Tot Ion:168 Resp: 185387

Ion Ratio Lower Upper

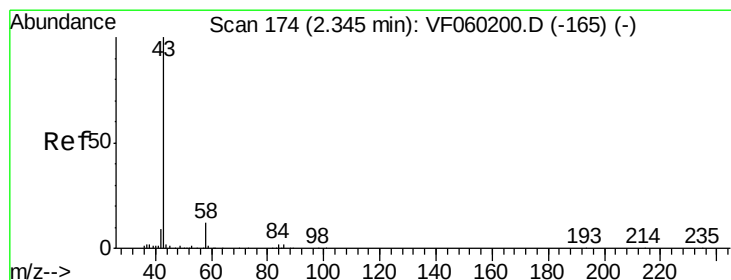
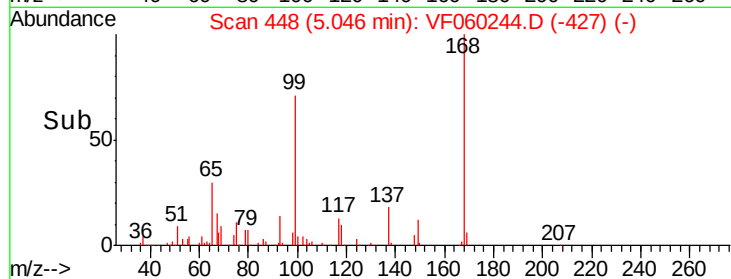
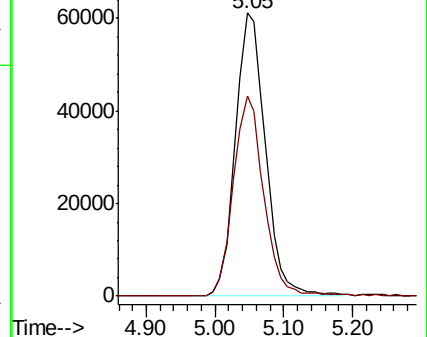
168 100

99 70.5 61.8 92.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 19.06 ug/l

RT: 2.34 min Scan# 173

Delta R.T. -0.01 min

Lab File: VF060244.D

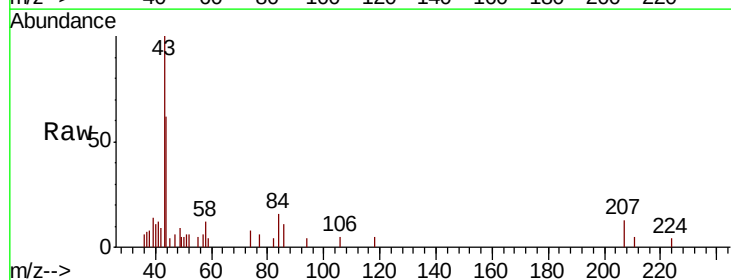
Acq: 10 Sep 2018 19:32

Tgt Ion: 43 Resp: 6577

Ion Ratio Lower Upper

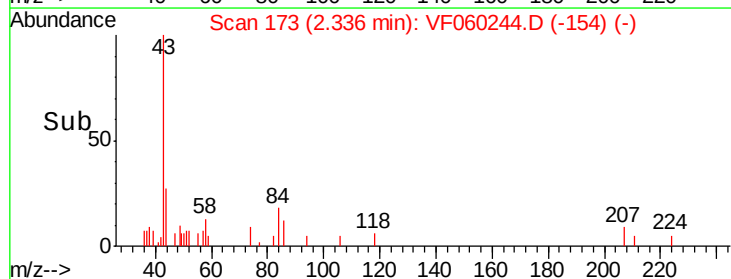
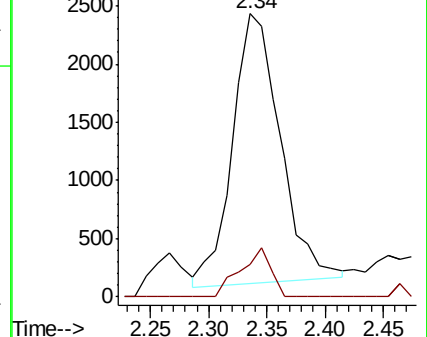
43 100

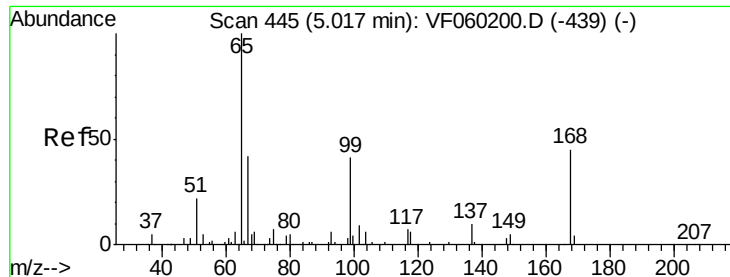
58 11.6 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

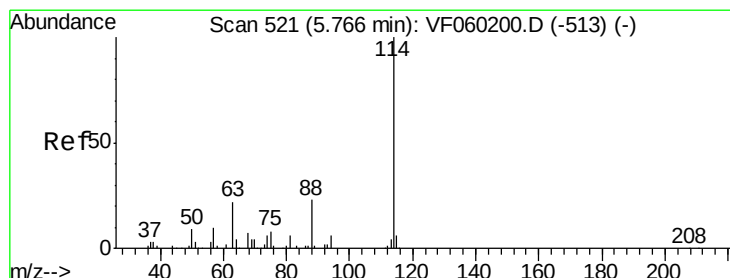
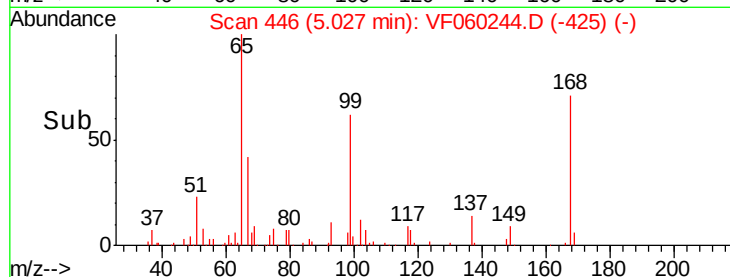
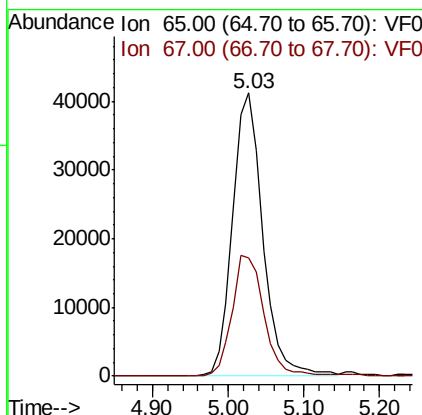
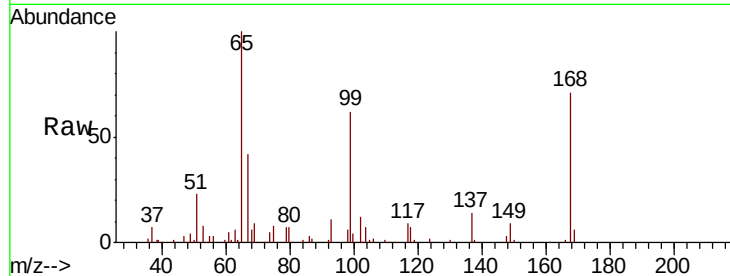




#33
 1,2-Dichloroethane-d4
 Concen: 35.23 ug/l
 RT: 5.03 min Scan# 446
 Delta R.T. 0.01 min
 Lab File: VF060244.D
 Acq: 10 Sep 2018 19:32

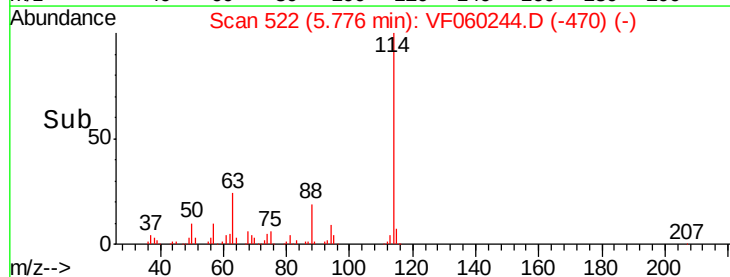
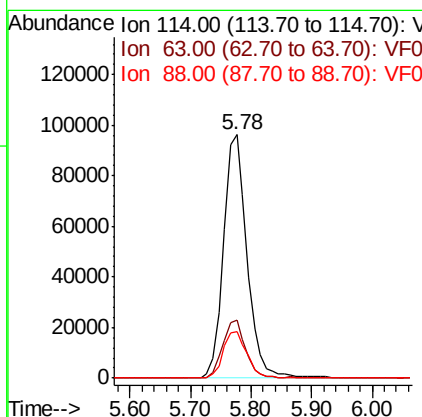
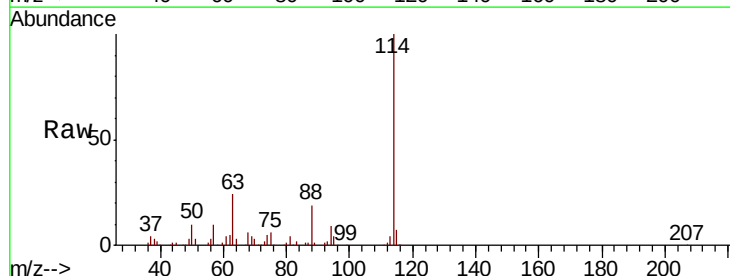
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-J7

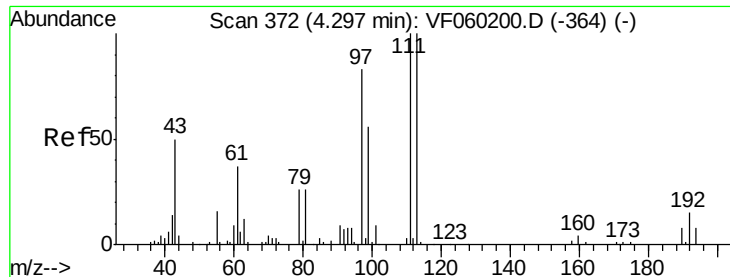
Tot Ion: 65 Resp: 114103
 Ion Ratio Lower Upper
 65 100
 67 41.7 0.0 87.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.78 min Scan# 522
 Delta R.T. 0.01 min
 Lab File: VF060244.D
 Acq: 10 Sep 2018 19:32

Tgt Ion:114 Resp: 259967
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 45.6
 88 19.1 0.0 46.4

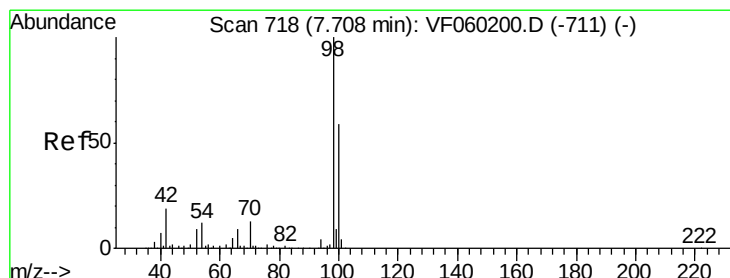
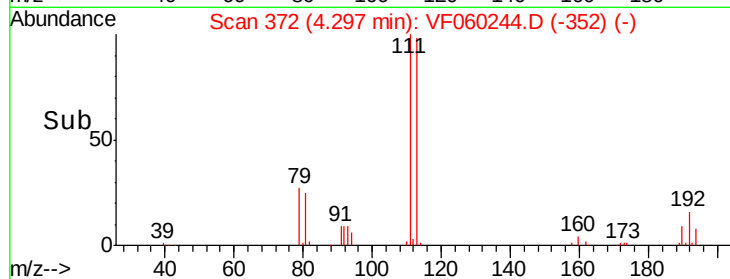
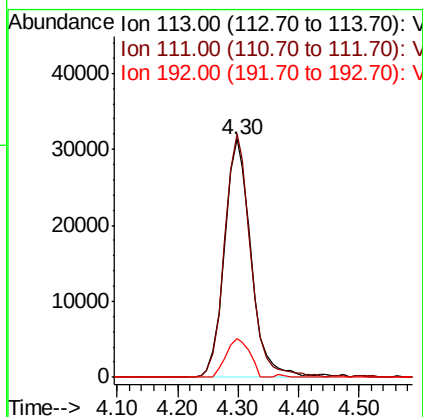
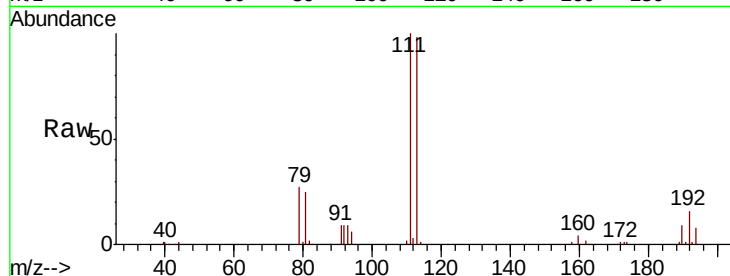




#35
 Dibromofluoromethane
 Concen: 37.54 ug/l
 RT: 4.30 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VF060244.D
 Acq: 10 Sep 2018 19:32

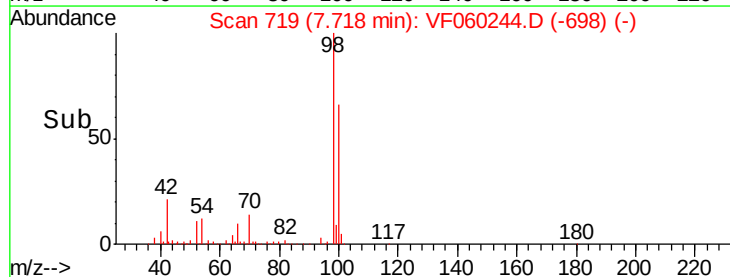
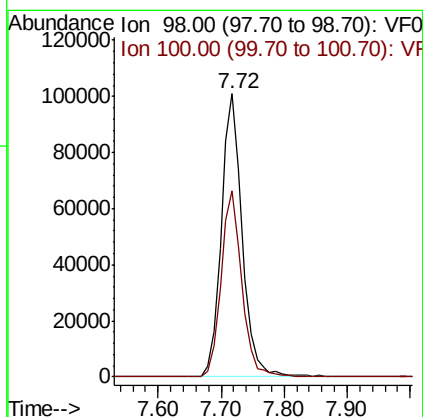
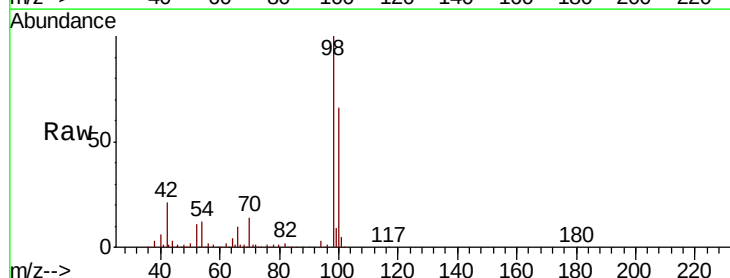
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-J7

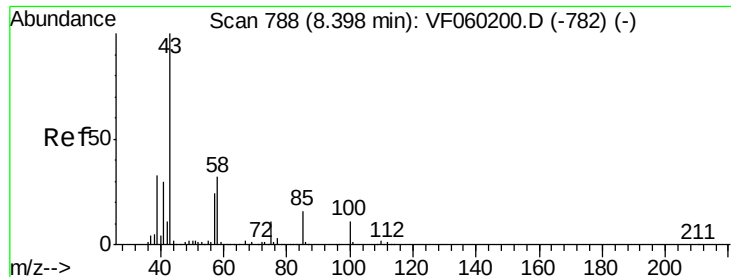
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.2	120.2
192	16.3	11.8	17.8



#50
 Toluene-d8
 Concen: 36.61 ug/l
 RT: 7.72 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VF060244.D
 Acq: 10 Sep 2018 19:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	47.4	71.0





#51

4-Methyl-2-Pentanone

Concen: 18.49 ug/l

RT: 8.41 min Scan# 789

Delta R.T. 0.01 min

Lab File: VF060244.D

Acq: 10 Sep 2018 19:32

Instrument :

MSVOA_F

ClientSampled :

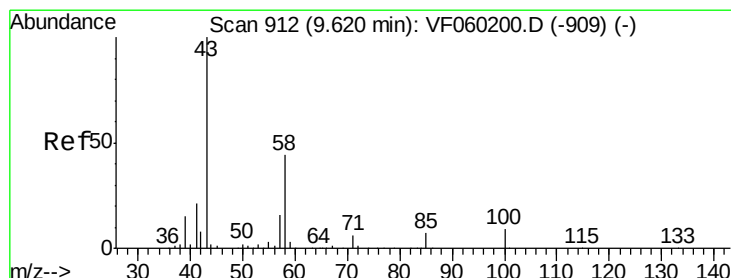
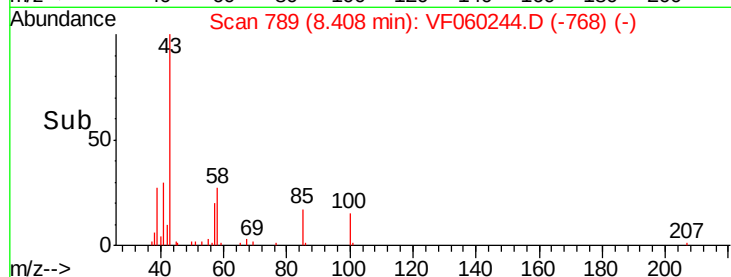
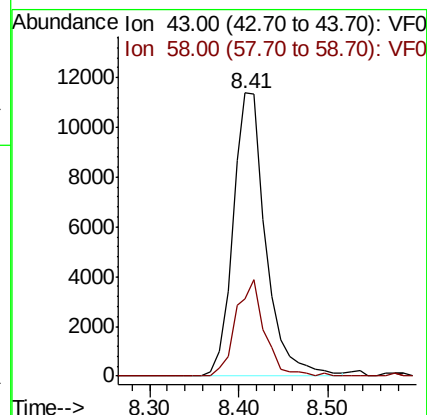
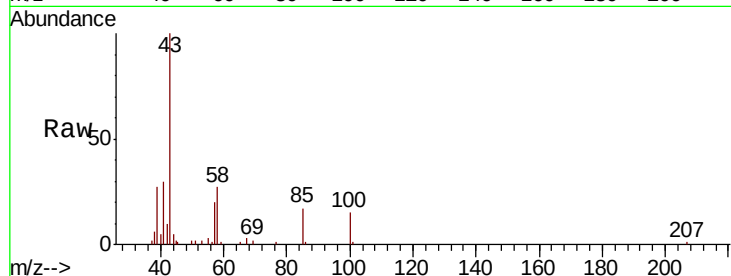
EP1-Q2-J7

Tot Ion: 43 Resp: 29245

Ion Ratio Lower Upper

43 100

58 27.2 25.8 38.6



#59

2-Hexanone

Concen: 32.80 ug/l

RT: 9.63 min Scan# 913

Delta R.T. 0.01 min

Lab File: VF060244.D

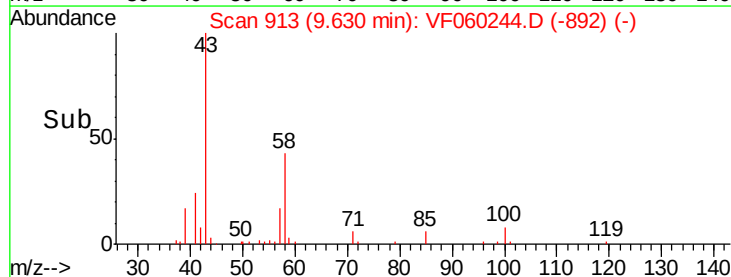
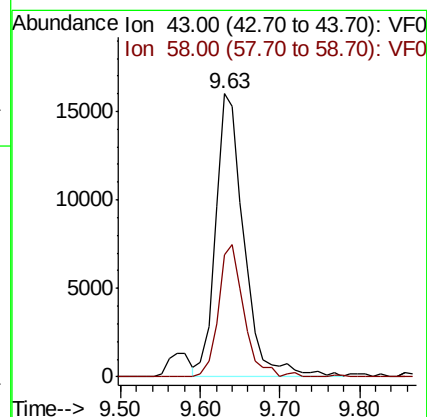
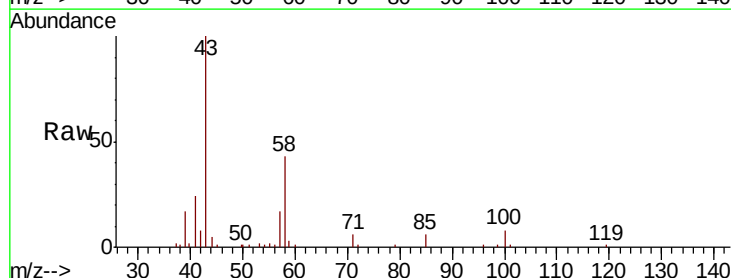
Acq: 10 Sep 2018 19:32

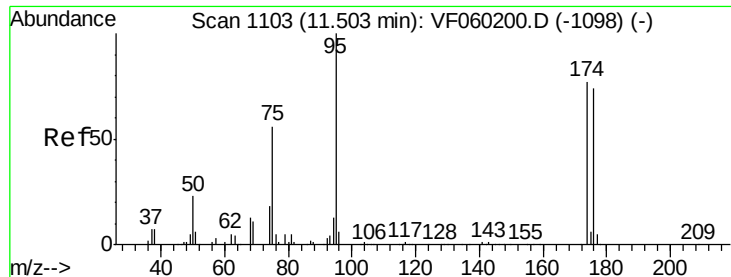
Tgt Ion: 43 Resp: 40000

Ion Ratio Lower Upper

43 100

58 43.3 20.8 62.5

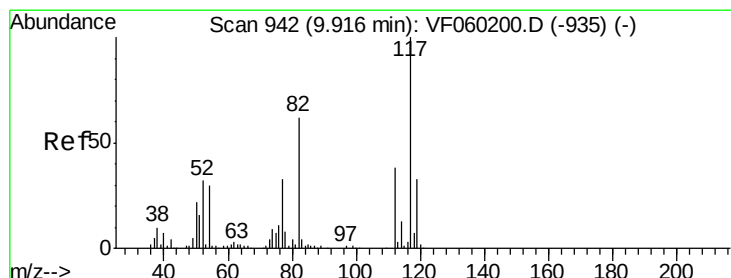
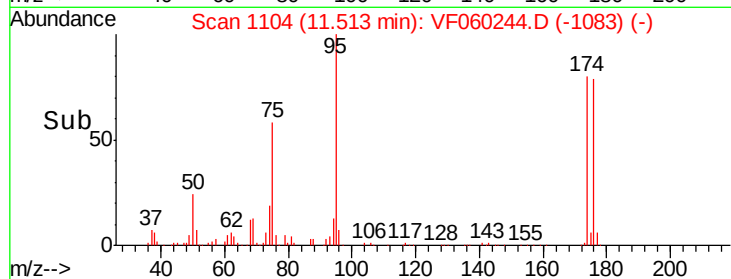
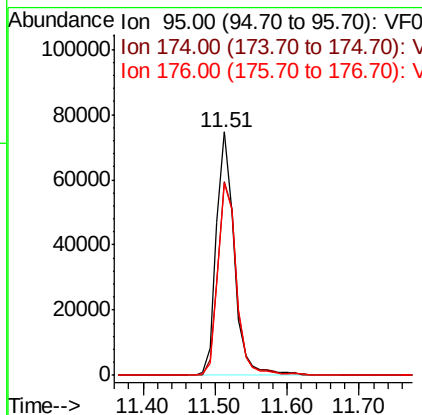
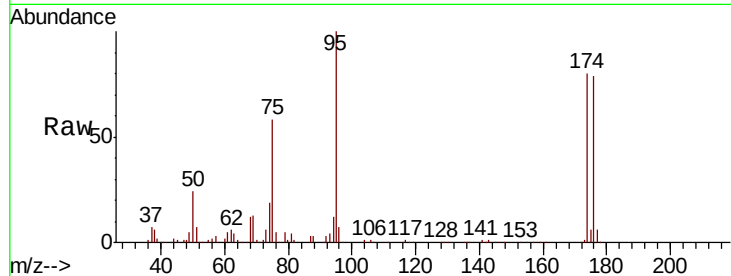




#62
4-Bromofluorobenzene
Concen: 35.25 ug/l
RT: 11.51 min Scan# 1104
Delta R.T. 0.01 min
Lab File: VF060244.D
Acq: 10 Sep 2018 19:32

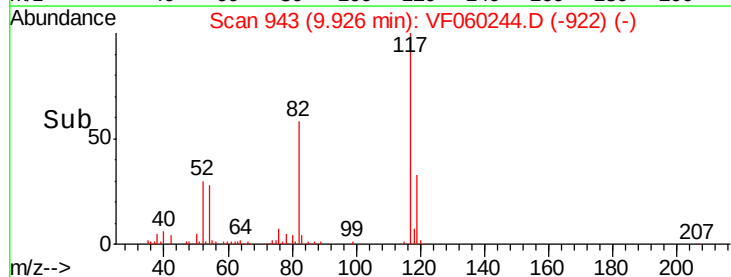
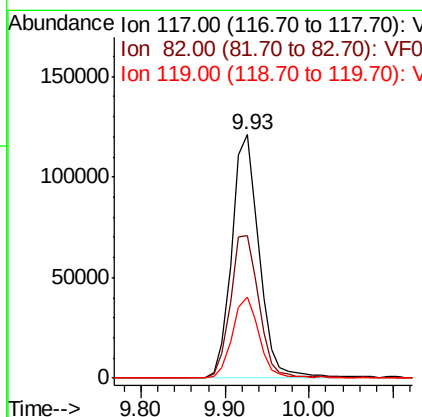
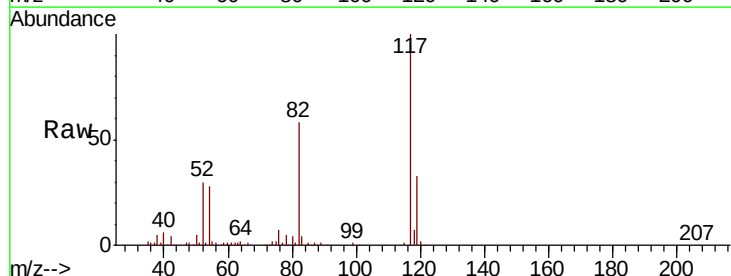
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-J7

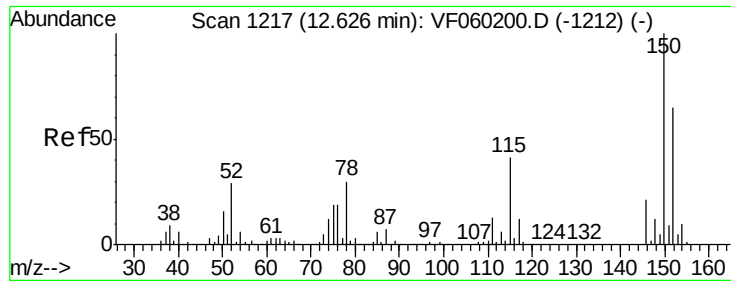
Tot Ion: 95 Resp: 126418
Ion Ratio Lower Upper
95 100
174 79.6 0.0 153.2
176 79.2 0.0 147.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.93 min Scan# 943
Delta R.T. 0.01 min
Lab File: VF060244.D
Acq: 10 Sep 2018 19:32

Tgt Ion: 117 Resp: 274338
Ion Ratio Lower Upper
117 100
82 58.5 49.3 73.9
119 33.1 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.64 min Scan# 1218

Delta R.T. 0.01 min

Lab File: VF060244.D

Acq: 10 Sep 2018 19:32

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-J7

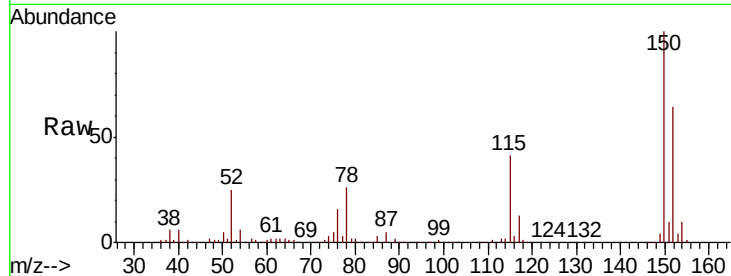
Tot Ion:152 Resp: 165805

Ion Ratio Lower Upper

152 100

115 63.4 31.5 94.5

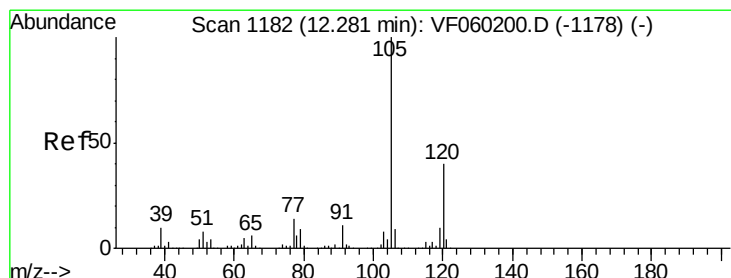
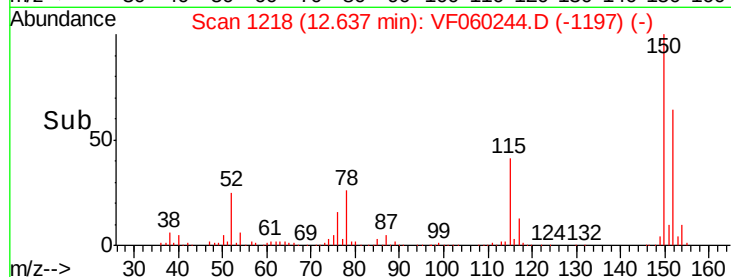
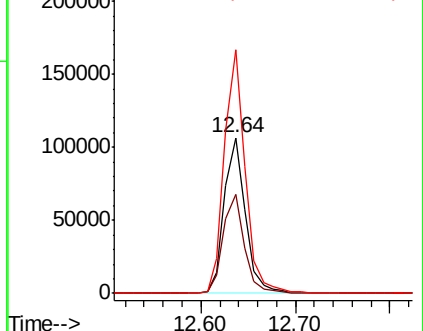
150 156.3 0.0 310.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.11 ug/l

RT: 12.29 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VF060244.D

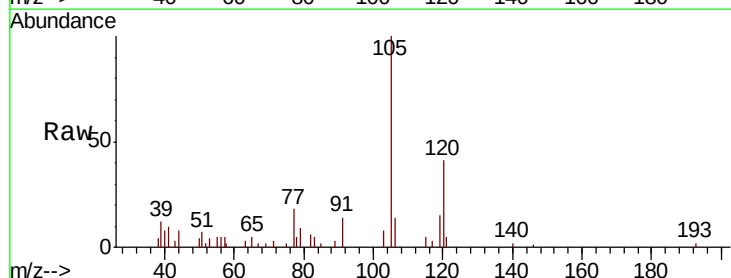
Acq: 10 Sep 2018 19:32

Tgt Ion:105 Resp: 11383

Ion Ratio Lower Upper

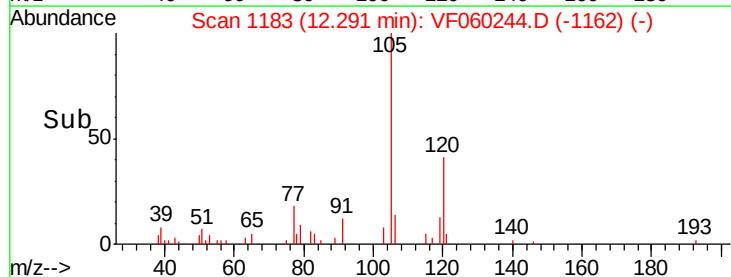
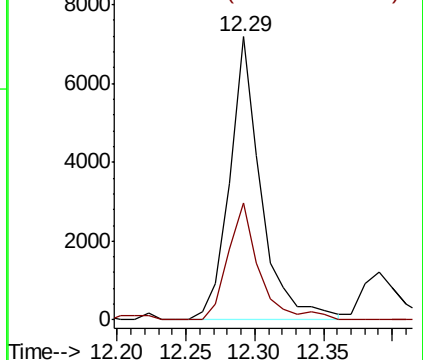
105 100

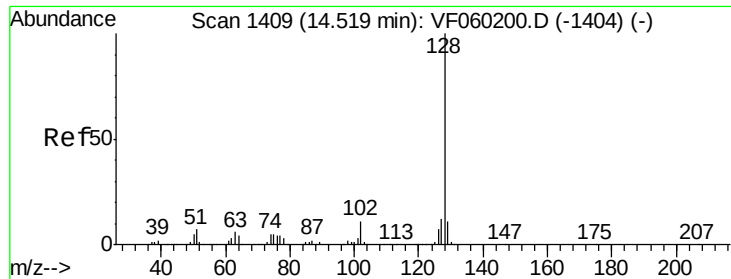
120 41.2 20.2 60.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

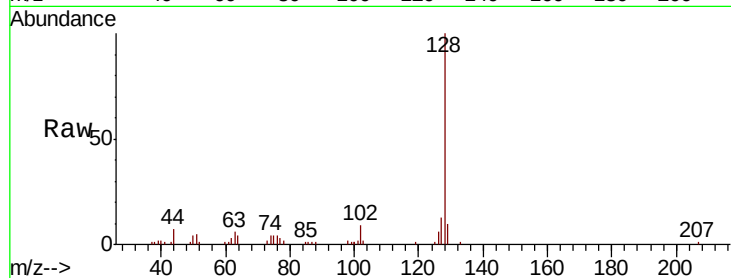




#95
 Naphthalene
 Concen: 6.85 ug/l
 RT: 14.53 min Scan# 1410
 Delta R.T. 0.01 min
 Lab File: VF060244.D
 Acq: 10 Sep 2018 19:32

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-J7

Tot Ion:128	Resp:	28052
Ion	Ratio	Lower Upper
128	100	
127	13.0	9.9 14.9
129	10.4	8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

