

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF091018\
 Data File : VF060238.D
 Acq On : 10 Sep 2018 16:47
 Operator : VA/AP
 Sample : J4803-14
 Misc : 5.29/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-I6

Quant Time: Sep 11 10:28:02 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

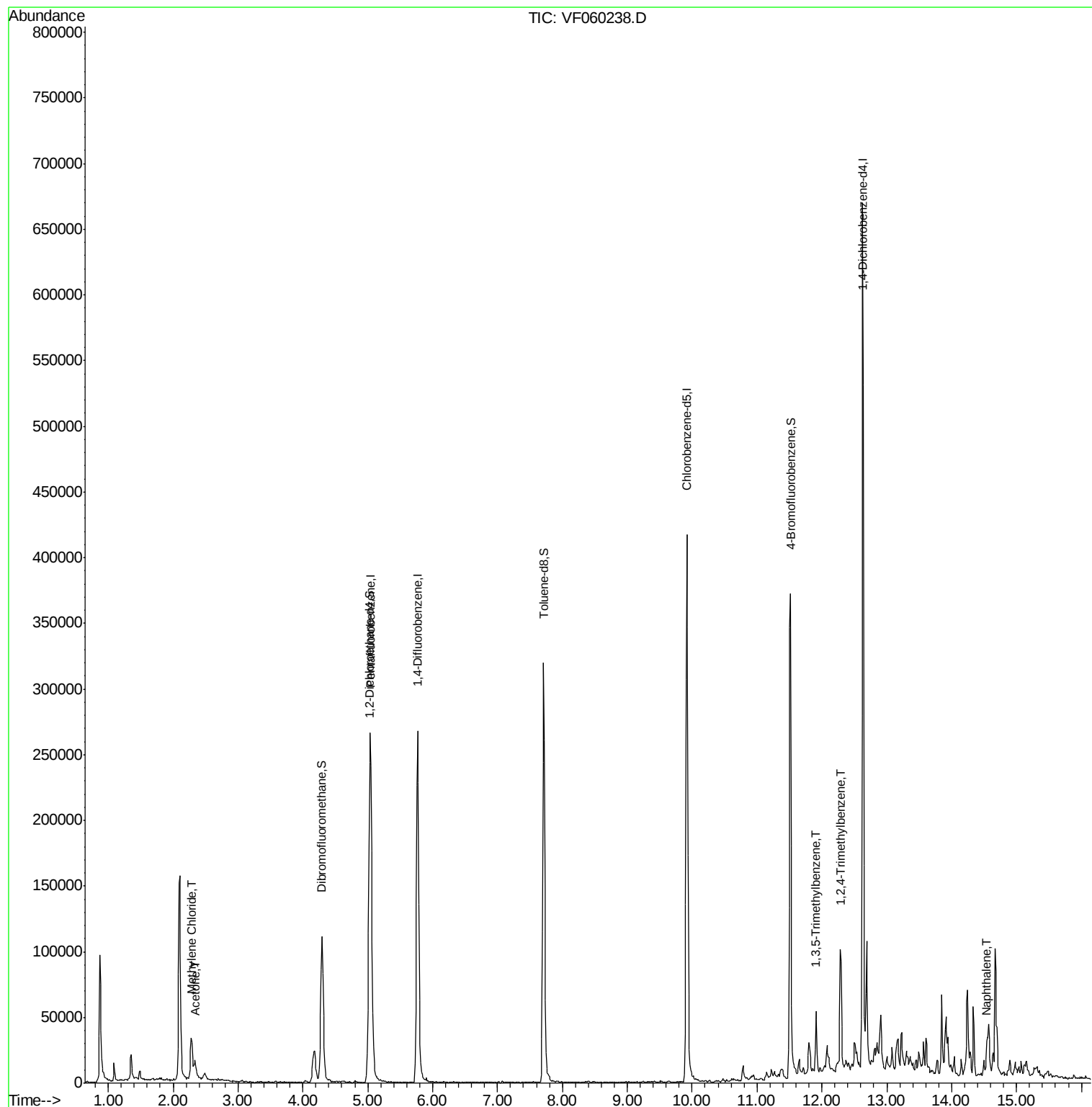
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	189950	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	263266	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	265876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	154471	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	118398	35.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.36%	
35) Dibromofluoromethane	4.29	113	103250	40.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.06%	
50) Toluene-d8	7.71	98	244431	37.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.96%	
62) 4-Bromofluorobenzene	11.52	95	129164	35.57	ug/l	0.01
Spiked Amount 50.000			Recovery	=	71.14%	
Target Compounds						
16) Acetone	2.34	43	16513	28.49	ug/l #	83
20) Methylene Chloride	2.28	84	16445	1.51	ug/l	95
80) 1,3,5-Trimethylbenzene	11.91	105	24916	2.65	ug/l	100
84) 1,2,4-Trimethylbenzene	12.28	105	44726	4.68	ug/l	99
95) Naphthalene	14.52	128	3620	3.20	ug/l #	95

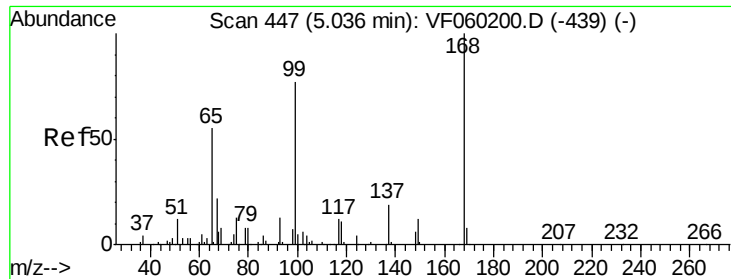
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 11 10:28:02 2018
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: VF060238.D

Acq: 10 Sep 2018 16:47

Instrument :

MSVOA_F

ClientSampleId :

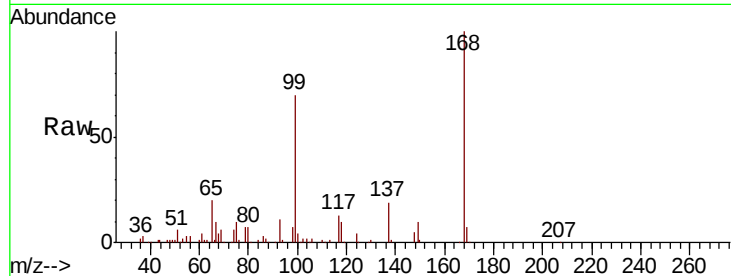
EP1-Q2-I6

Tot Ion:168 Resp: 189950

Ion Ratio Lower Upper

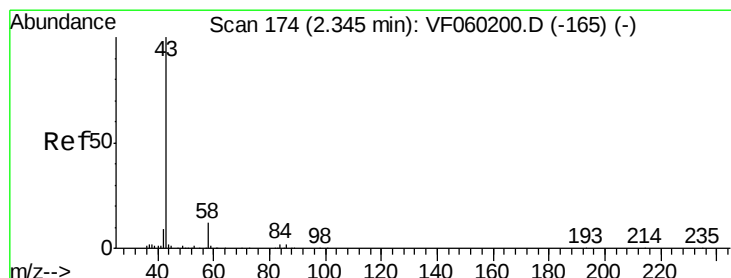
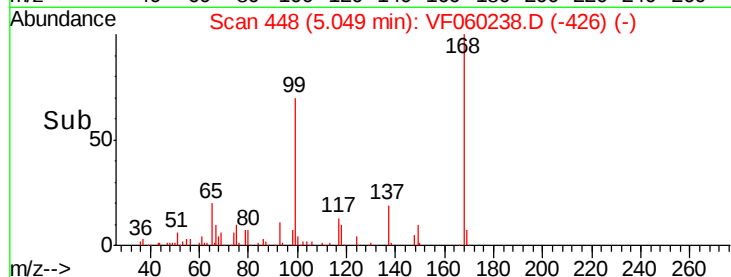
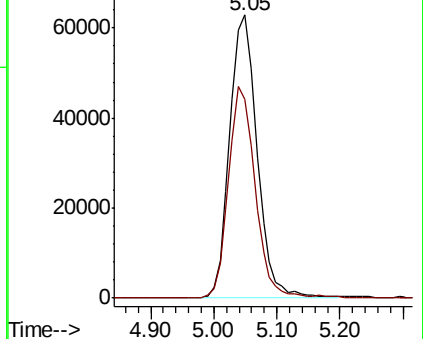
168 100

99 70.2 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: 28.49 ug/l

RT: 2.34 min Scan# 173

Delta R.T. -0.01 min

Lab File: VF060238.D

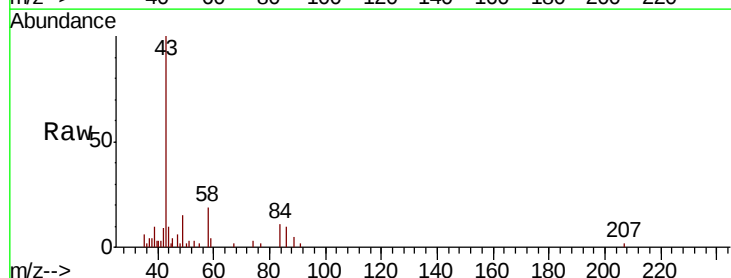
Acq: 10 Sep 2018 16:47

Tgt Ion: 43 Resp: 16513

Ion Ratio Lower Upper

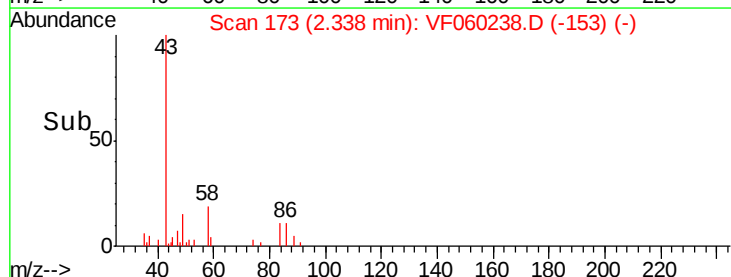
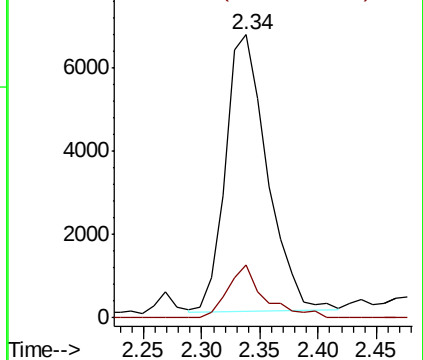
43 100

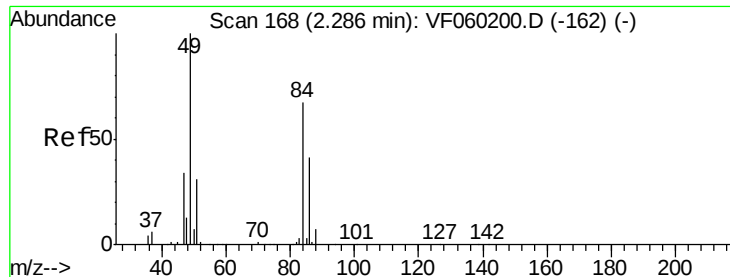
58 18.7 9.7 14.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#20

Methylene Chloride

Concen: 1.51 ug/l

RT: 2.28 min Scan# 167

Delta R.T. -0.01 min

Lab File: VF060238.D

Acq: 10 Sep 2018 16:47

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-I6

Tot Ion: 84 Resp: 16445

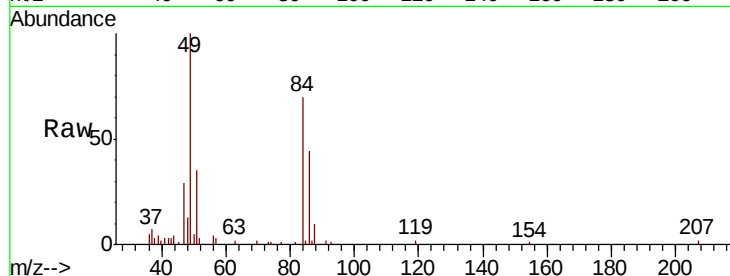
Ion Ratio Lower Upper

84 100

49 142.7 120.1 180.1

51 49.7 37.0 55.6

86 63.2 49.0 73.6

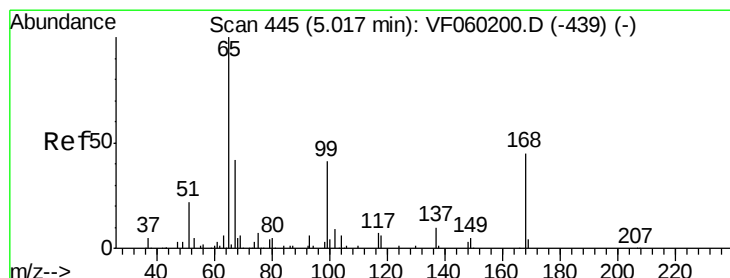
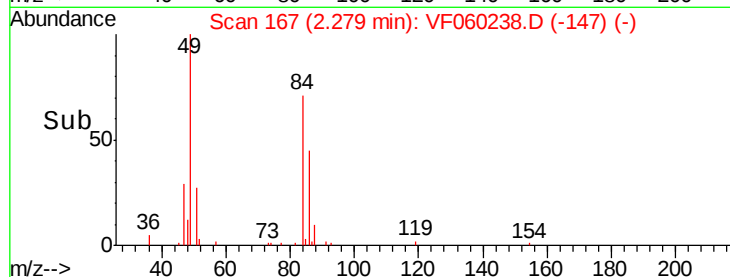
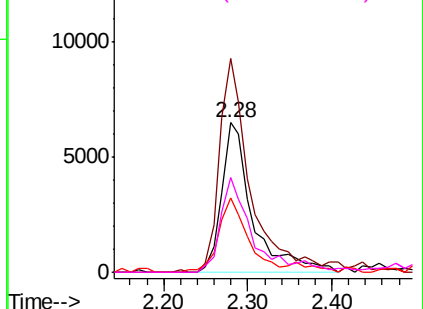


Abundance Ion 84.00 (83.70 to 84.70): VF0

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: 35.68 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.00 min

Lab File: VF060238.D

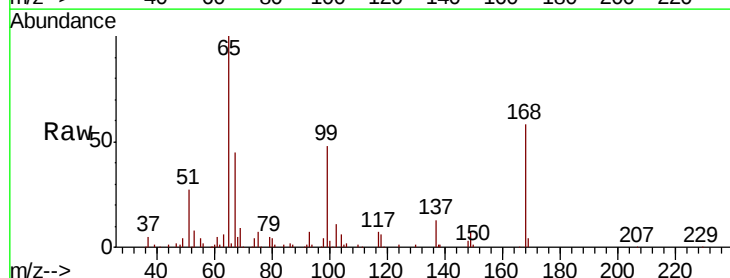
Acq: 10 Sep 2018 16:47

Tgt Ion: 65 Resp: 118398

Ion Ratio Lower Upper

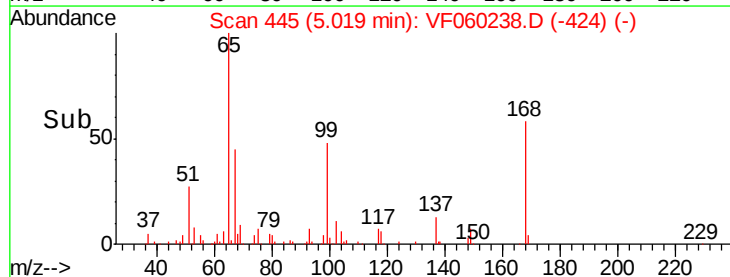
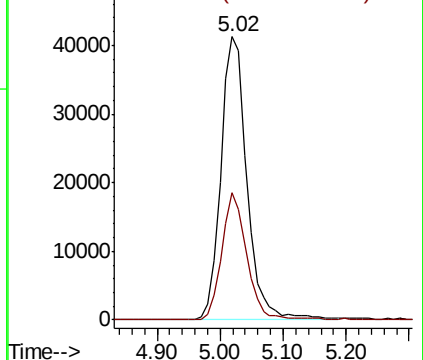
65 100

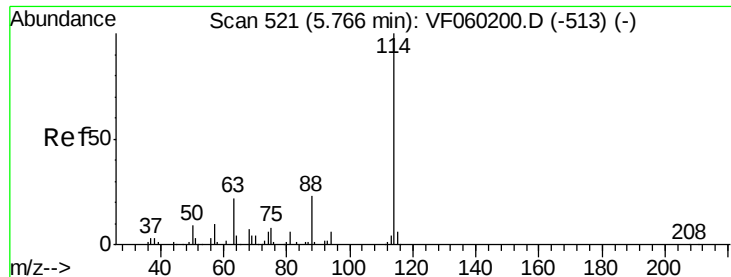
67 44.8 0.0 87.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

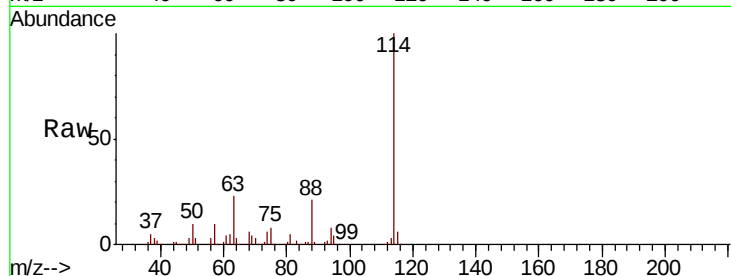




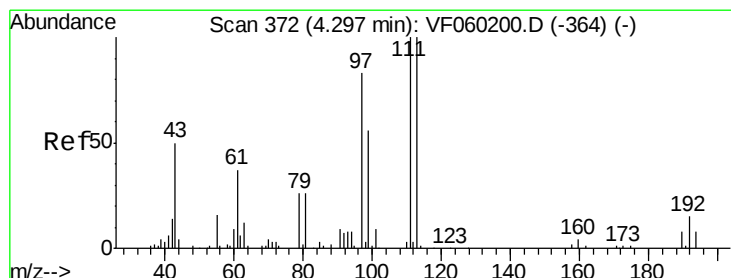
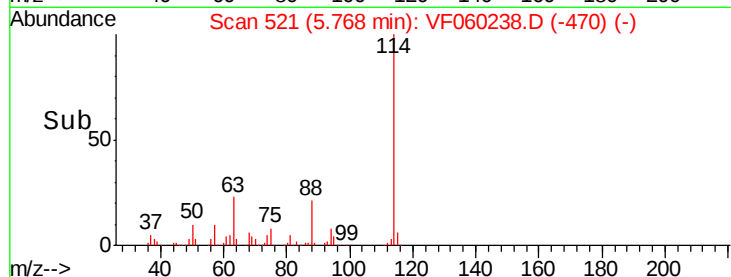
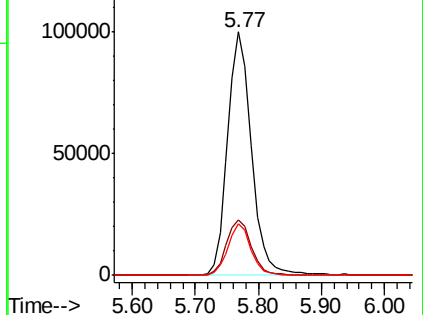
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: VF060238.D
 Acq: 10 Sep 2018 16:47

Instrument :
 MSVOA_F
 ClientSampled :
 EP1-Q2-I6

Tot Ion:	114	Resp:	263266
Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	45.6
88	21.3	0.0	46.4

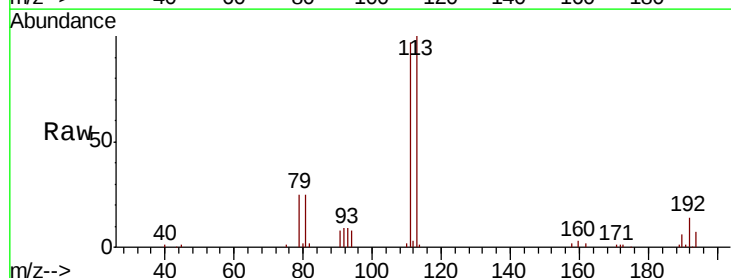


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

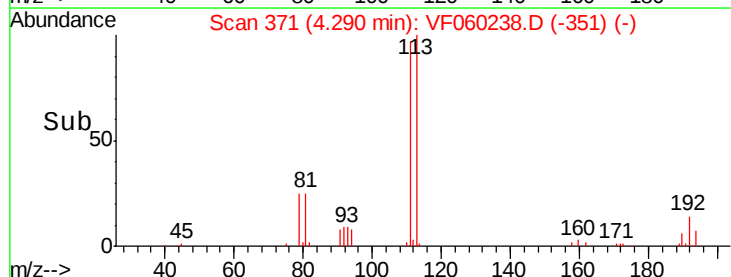
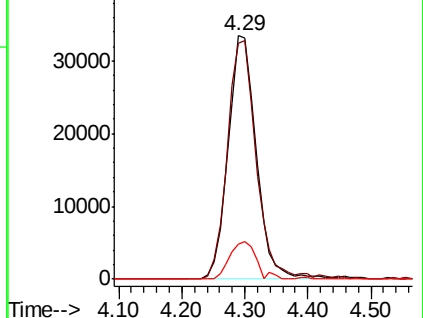


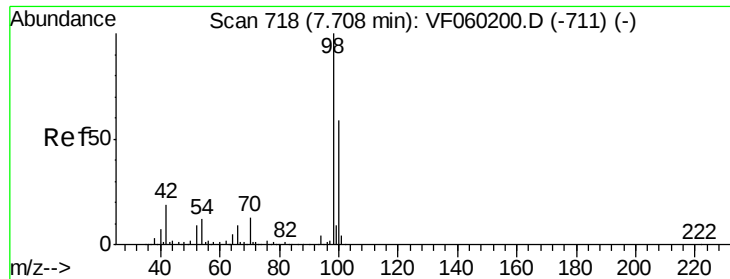
#35
 Dibromofluoromethane
 Concen: 40.03 ug/l
 RT: 4.29 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: VF060238.D
 Acq: 10 Sep 2018 16:47

Tgt Ion:	113	Resp:	103250
Ion	Ratio	Lower	Upper
113	100		
111	97.1	80.2	120.2
192	14.3	11.8	17.8



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

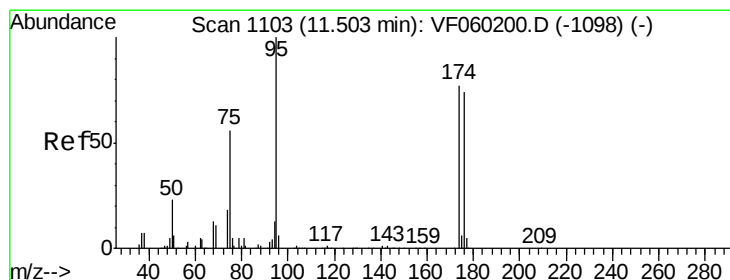
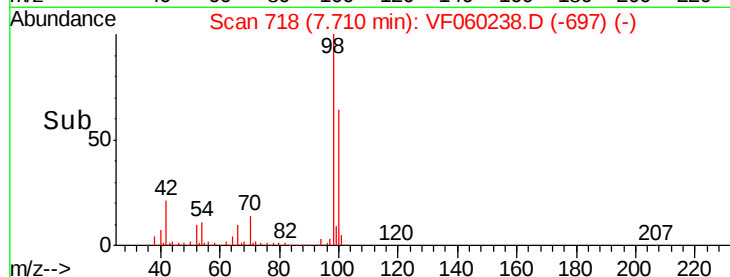
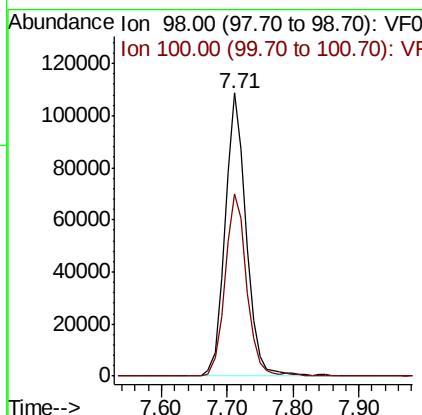
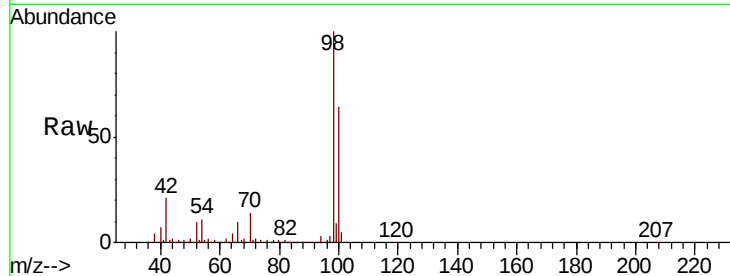




#50
Toluene-d8
Concen: 37.98 ug/l
RT: 7.71 min Scan# 718
Delta R.T. 0.00 min
Lab File: VF060238.D
Acq: 10 Sep 2018 16:47

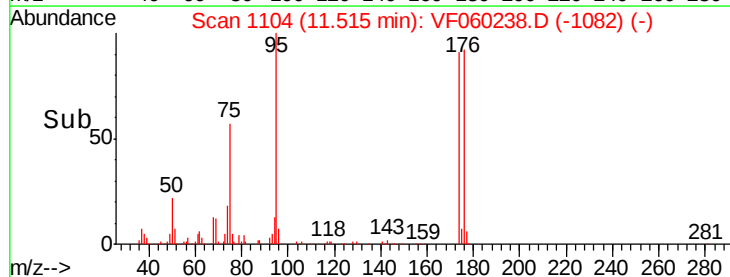
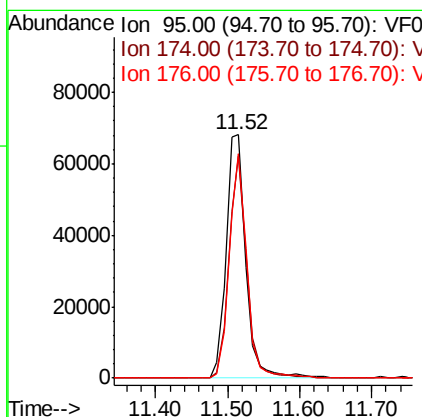
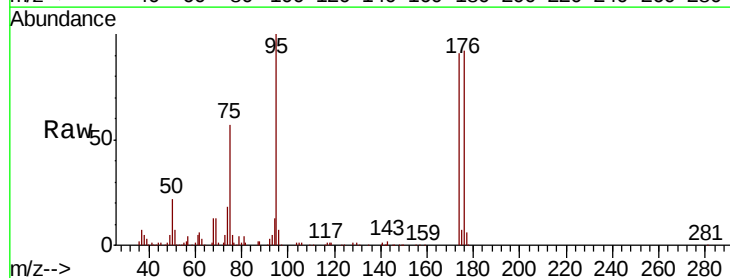
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-I6

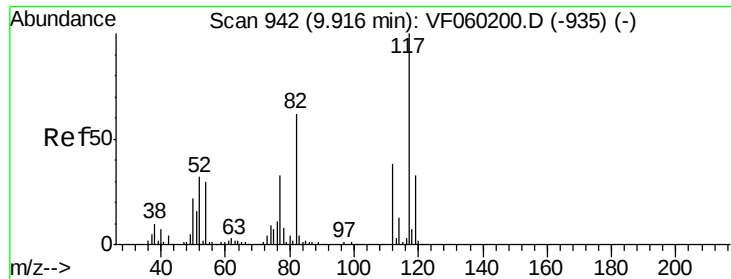
Tot Ion: 98 Resp: 244431
Ion Ratio Lower Upper
98 100
100 64.2 47.4 71.0



#62
4-Bromofluorobenzene
Concen: 35.57 ug/l
RT: 11.52 min Scan# 1104
Delta R.T. 0.01 min
Lab File: VF060238.D
Acq: 10 Sep 2018 16:47

Tgt Ion: 95 Resp: 129164
Ion Ratio Lower Upper
95 100
174 91.3 0.0 153.2
176 92.3 0.0 147.2

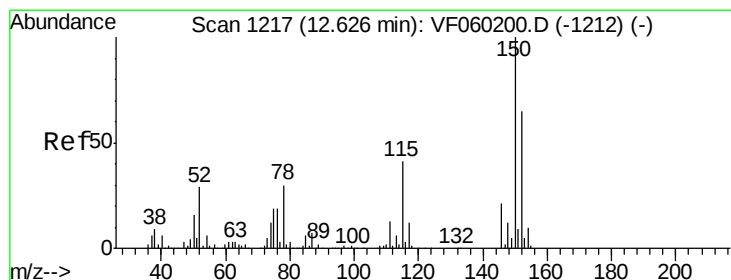
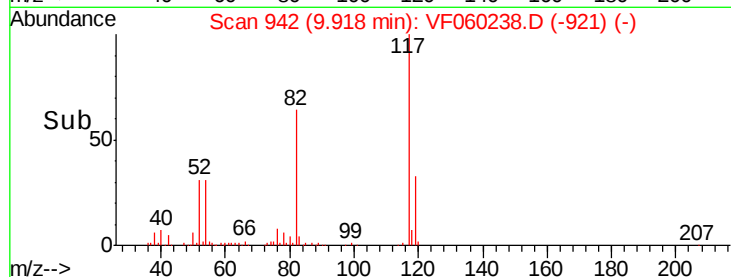
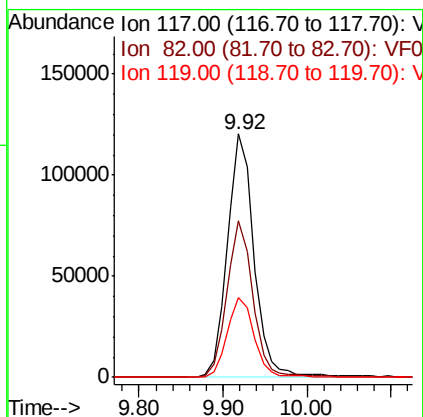
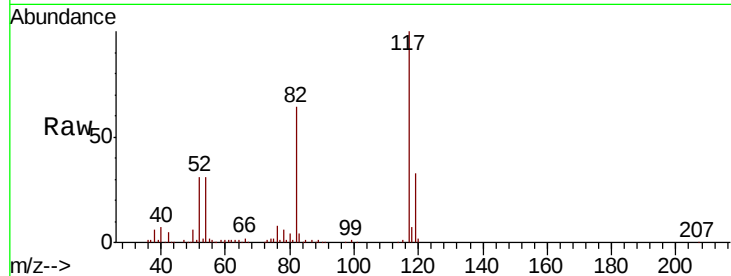




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.00 min
Lab File: VF060238.D
Acq: 10 Sep 2018 16:47

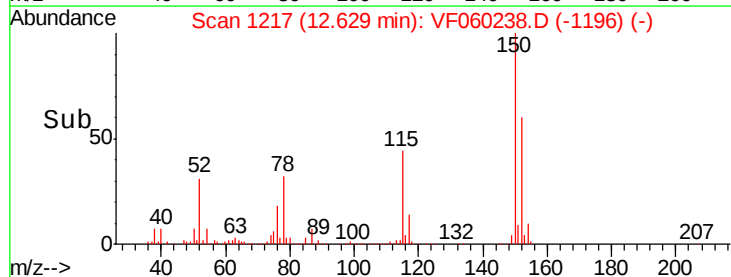
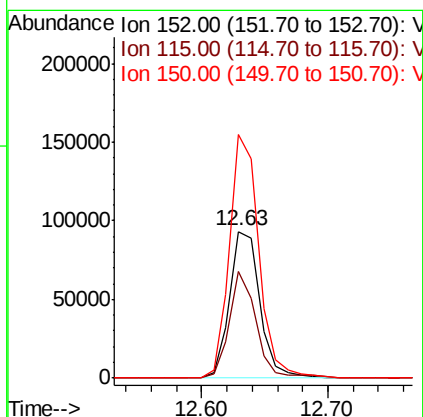
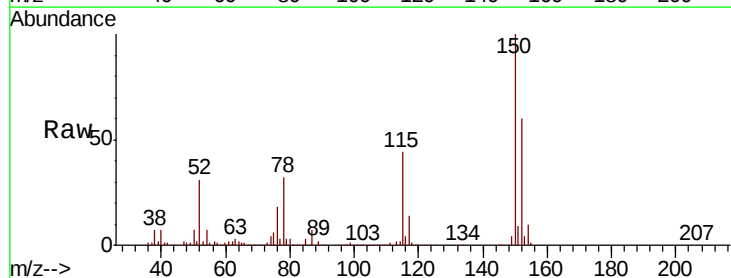
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-I6

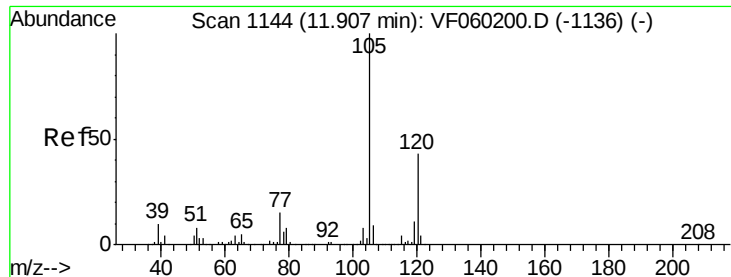
Tot Ion:117 Resp: 265876
Ion Ratio Lower Upper
117 100
82 64.1 49.3 73.9
119 32.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060238.D
Acq: 10 Sep 2018 16:47

Tgt Ion:152 Resp: 154471
Ion Ratio Lower Upper
152 100
115 72.4 31.5 94.5
150 166.2 0.0 310.4

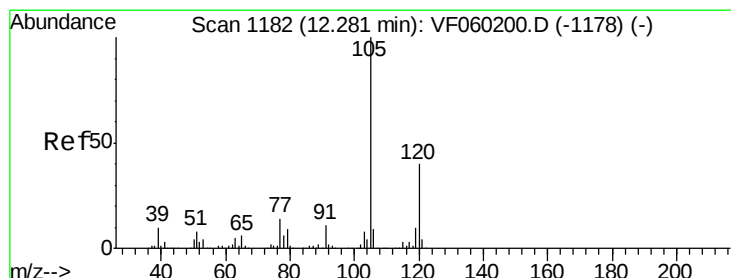
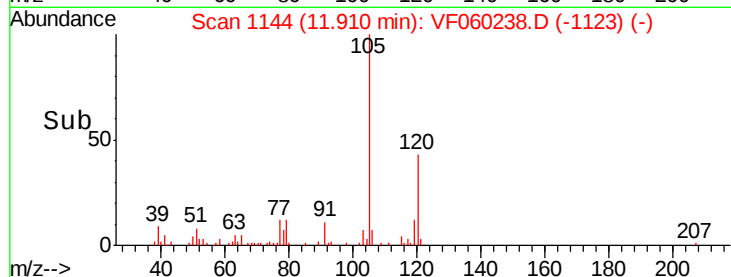
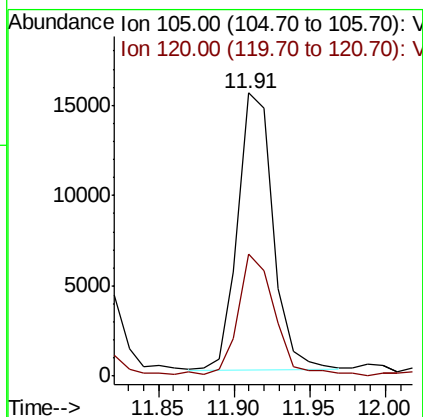
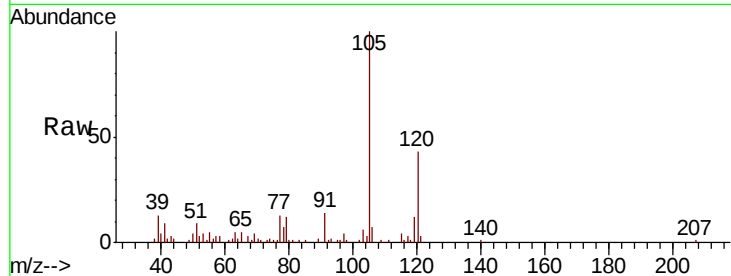




#80
 1,3,5-Trimethylbenzene
 Concen: 2.65 ug/l
 RT: 11.91 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VF060238.D
 Acq: 10 Sep 2018 16:47

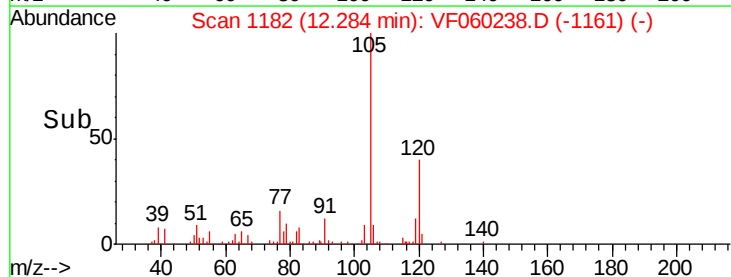
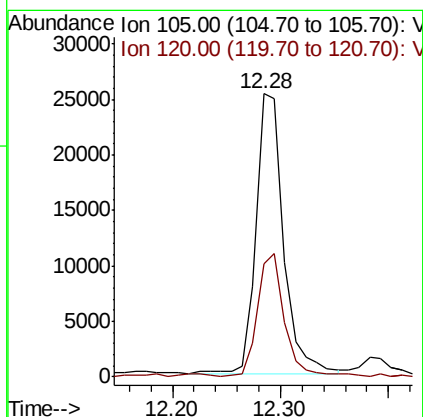
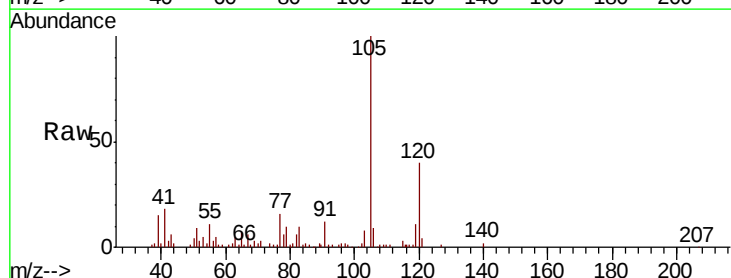
Instrument :
 MSVOA_F
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 EP1-Q2-I6

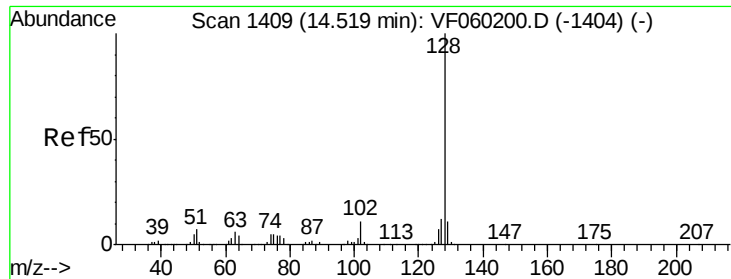
Tot Ion:105 Resp: 24916
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.6 64.8



#84
 1,2,4-Trimethylbenzene
 Concen: 4.68 ug/l
 RT: 12.28 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VF060238.D
 Acq: 10 Sep 2018 16:47

Tgt Ion:105 Resp: 44726
 Ion Ratio Lower Upper
 105 100
 120 39.9 20.2 60.5





#95

Naphthalene

Concen: 3.20 ug/l

RT: 14.52 min Scan# 1409

Delta R.T. 0.00 min

Lab File: VF060238.D

Acq: 10 Sep 2018 16:47

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-I6

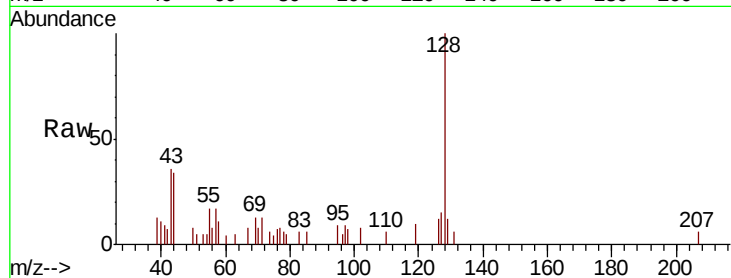
Tot Ion:128 Resp: 3620

Ion Ratio Lower Upper

128 100

127 15.3 9.9 14.9#

129 11.8 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

