

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF091018\
 Data File : VF060240.D
 Acq On : 10 Sep 2018 17:42
 Operator : VA/AP
 Sample : J4803-16
 Misc : 5.23/5mL/MSVOA F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-J5

Quant Time: Sep 11 08:10:00 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

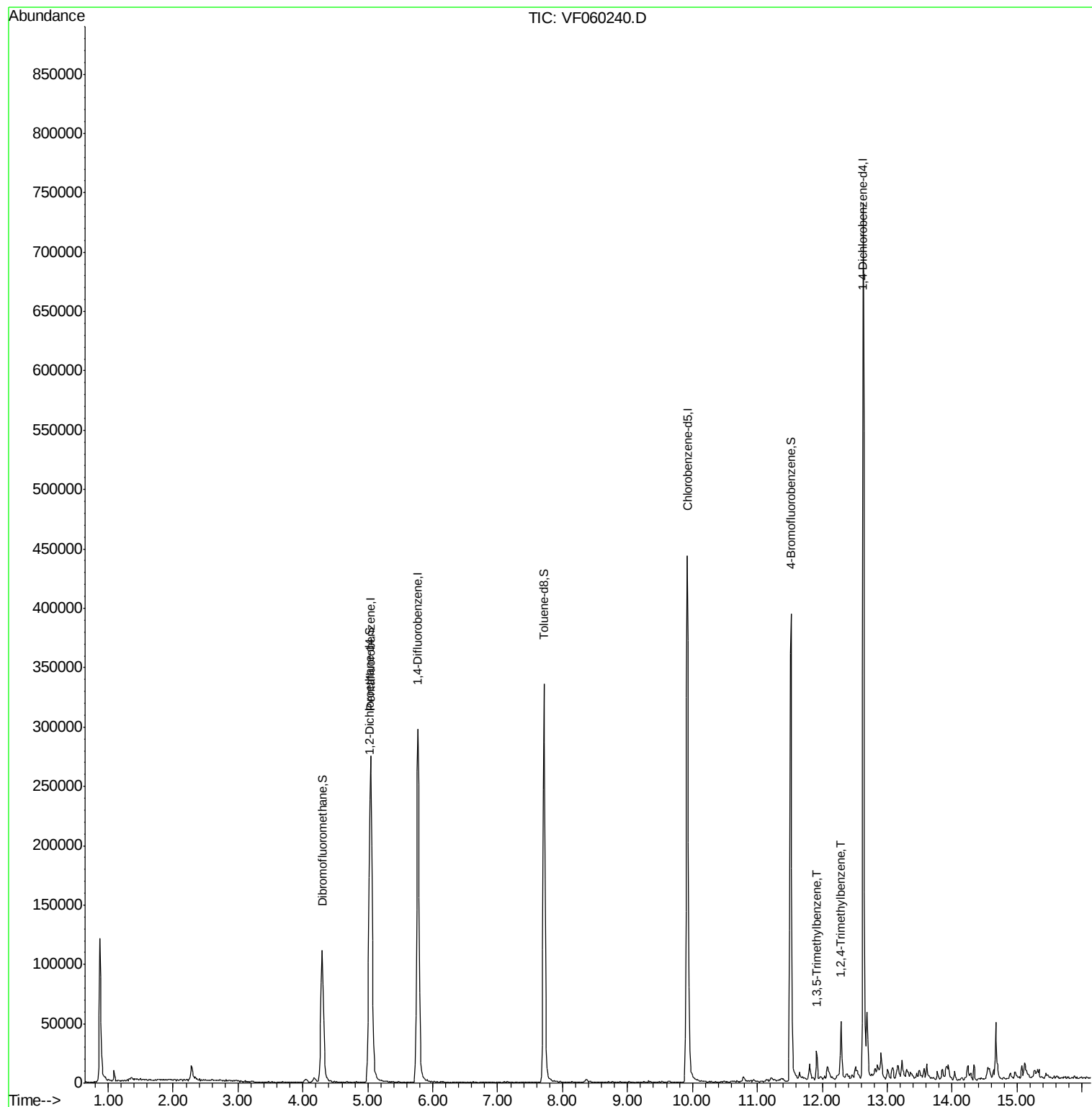
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	207461	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	305217	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	304346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	179234	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	107952	29.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.58%	
35) Dibromofluoromethane	4.29	113	102798	34.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.76%	
50) Toluene-d8	7.71	98	265689	35.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.22%	
62) 4-Bromofluorobenzene	11.52	95	139076	33.03	ug/l	0.01
Spiked Amount 50.000			Recovery	=	66.06%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	11.91	105	13076	1.20	ug/l	99
84) 1,2,4-Trimethylbenzene	12.29	105	24670	2.23	ug/l	93

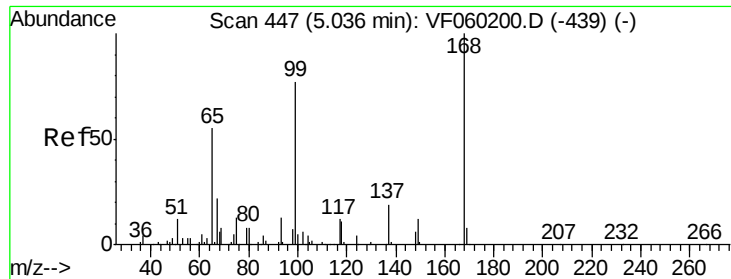
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 448

Delta R.T. 0.01 min

Lab File: VF060240.D

Acq: 10 Sep 2018 17:42

Instrument :

MSVOA_F

ClientSampleId :

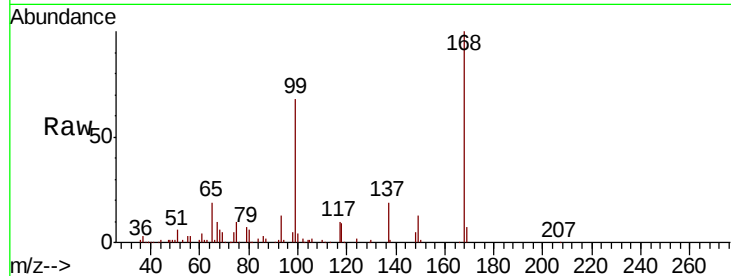
EP1-Q2-J5

Tot Ion:168 Resp: 207461

Ion Ratio Lower Upper

168 100

99 67.5 61.8 92.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

80000

60000

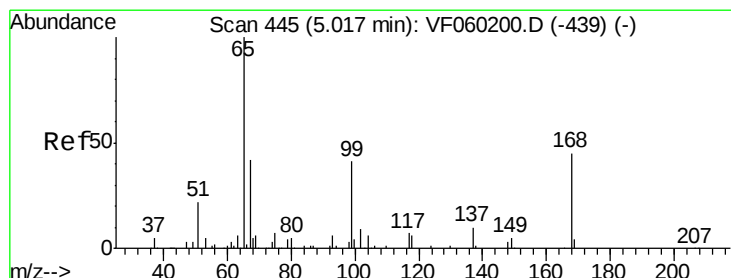
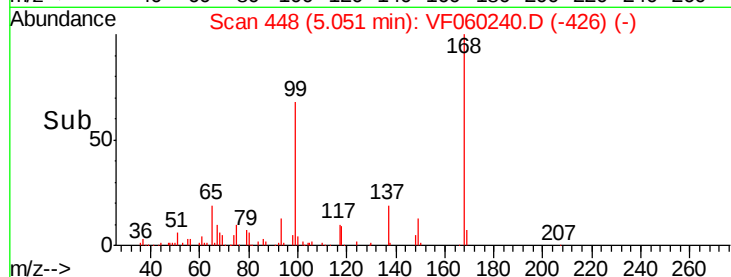
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 29.79 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.00 min

Lab File: VF060240.D

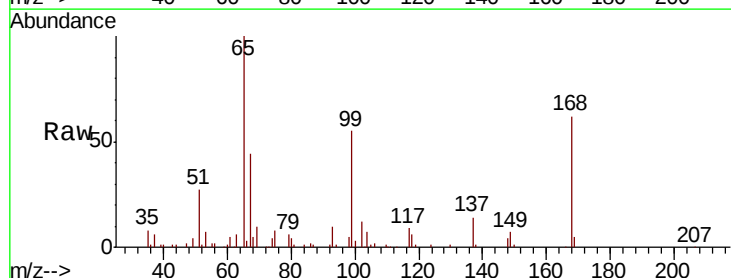
Acq: 10 Sep 2018 17:42

Tgt Ion: 65 Resp: 107952

Ion Ratio Lower Upper

65 100

67 43.7 0.0 87.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

40000

30000

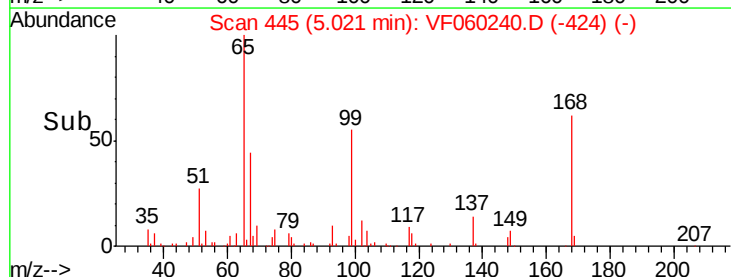
20000

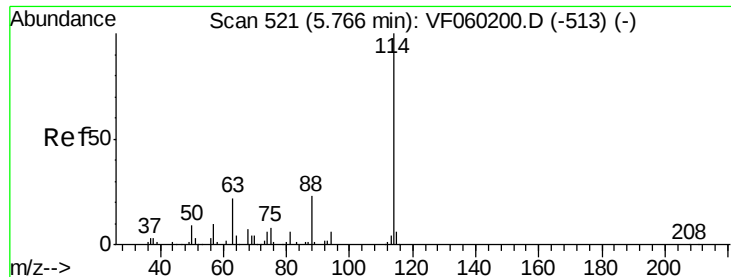
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0

Time-->

4.90 5.00 5.10 5.20

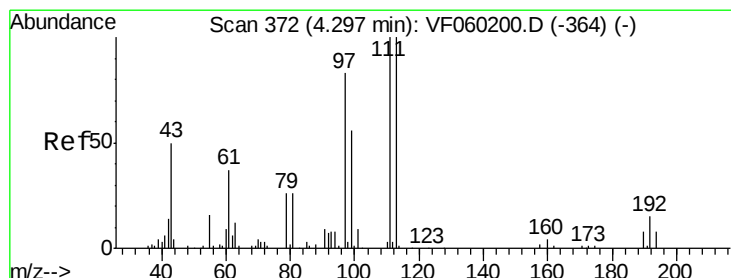
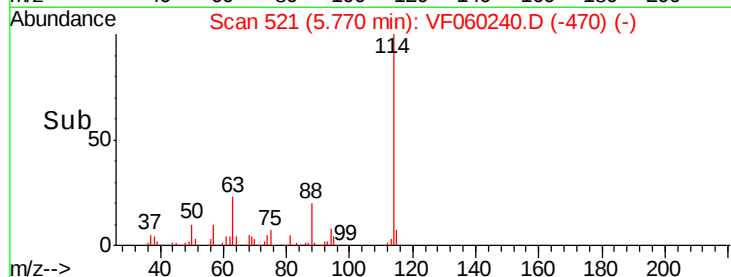
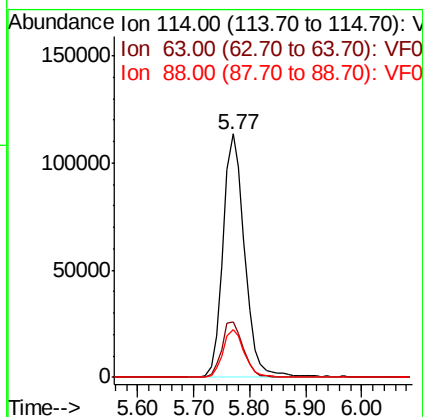
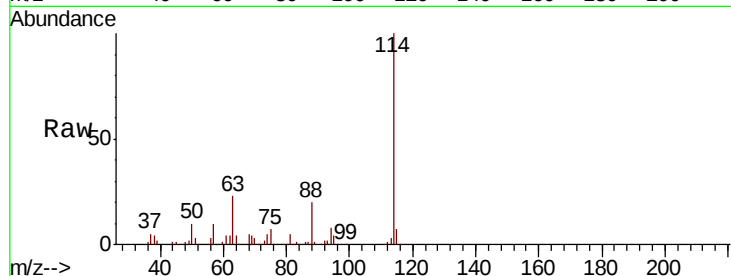




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: VF060240.D
 Acq: 10 Sep 2018 17:42

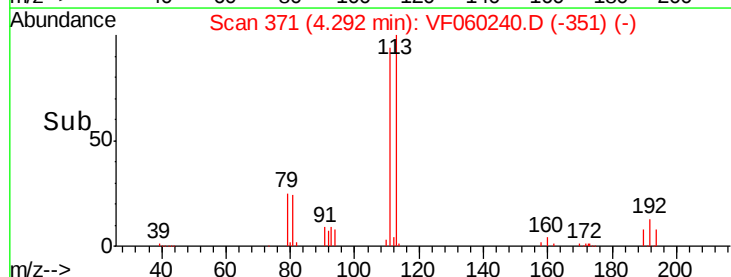
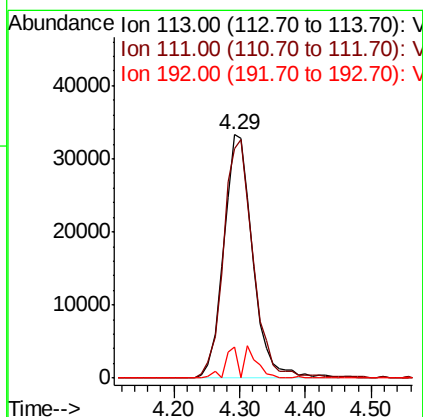
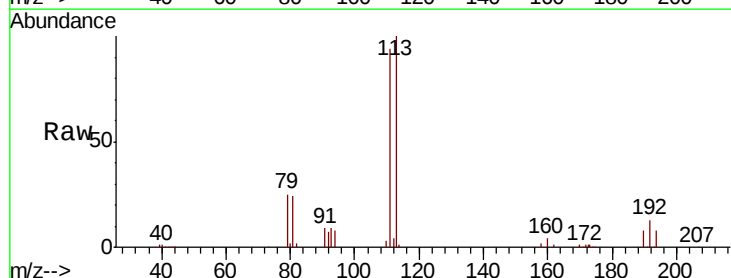
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-J5

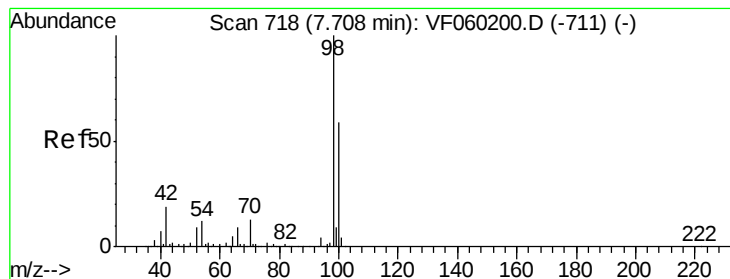
Tot Ion:	114	Resp:	305217
Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	45.6
88	19.8	0.0	46.4



#35
 Dibromofluoromethane
 Concen: 34.38 ug/l
 RT: 4.29 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: VF060240.D
 Acq: 10 Sep 2018 17:42

Tgt Ion:	113	Resp:	102798
Ion	Ratio	Lower	Upper
113	100		
111	94.3	80.2	120.2
192	12.6	11.8	17.8





#50

Toluene-d8

Concen: 35.61 ug/l

RT: 7.71 min Scan# 718

Delta R.T. 0.00 min

Lab File: VF060240.D

Acq: 10 Sep 2018 17:42

Instrument :

MSVOA_F

ClientSampleId :

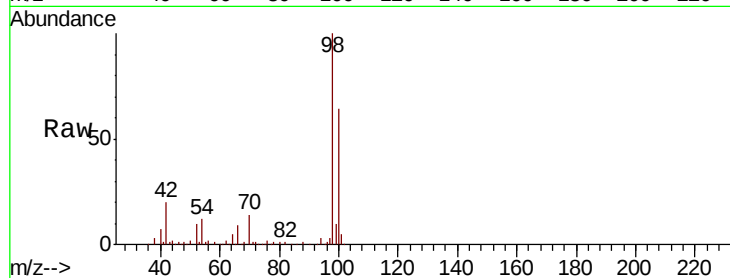
EP1-Q2-J5

Tot Ion: 98 Resp: 265689

Ion Ratio Lower Upper

98 100

100 64.3 47.4 71.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.71

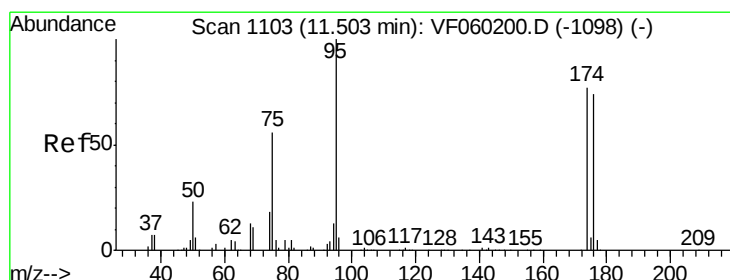
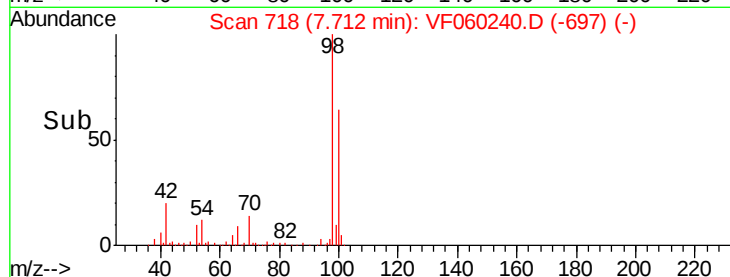
100000

50000

0

Time-->

7.60 7.70 7.80 7.90



#62

4-Bromofluorobenzene

Concen: 33.03 ug/l

RT: 11.52 min Scan# 1104

Delta R.T. 0.01 min

Lab File: VF060240.D

Acq: 10 Sep 2018 17:42

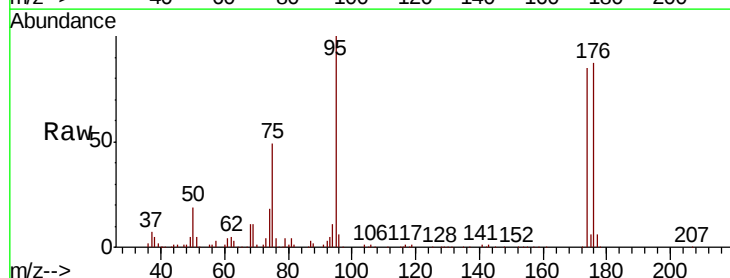
Tgt Ion: 95 Resp: 139076

Ion Ratio Lower Upper

95 100

174 84.8 0.0 153.2

176 86.5 0.0 147.2



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

100000

80000

60000

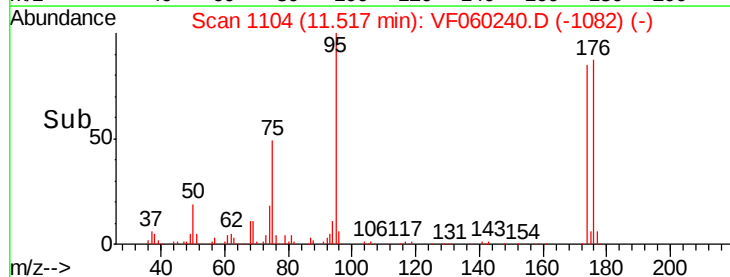
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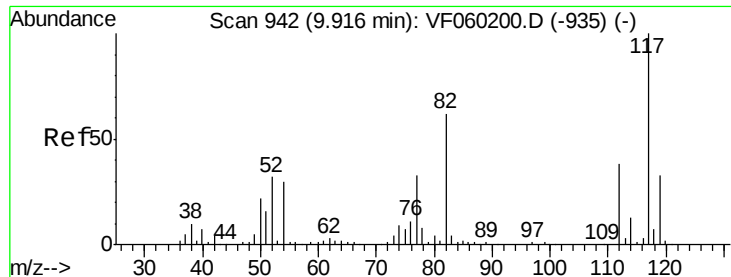
20000

0

Time-->

11.40 11.50 11.60 11.70

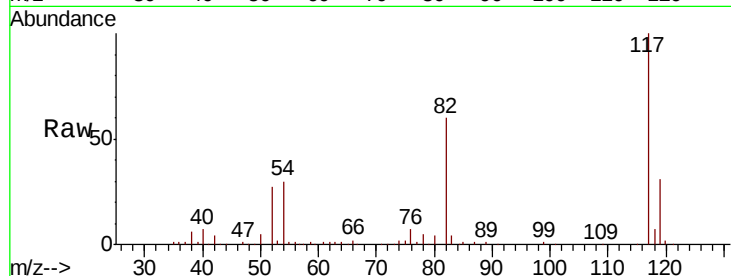




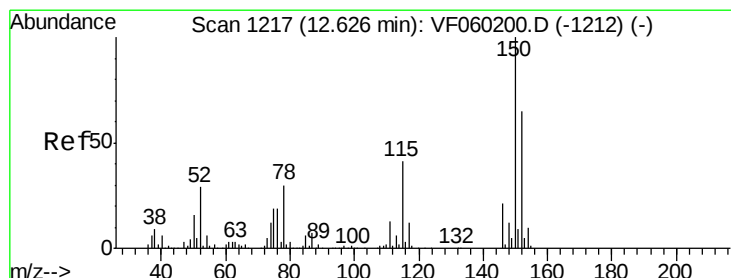
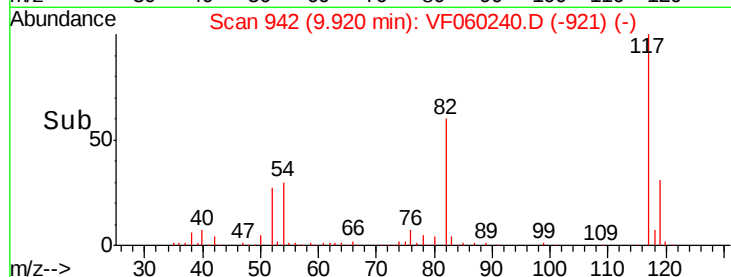
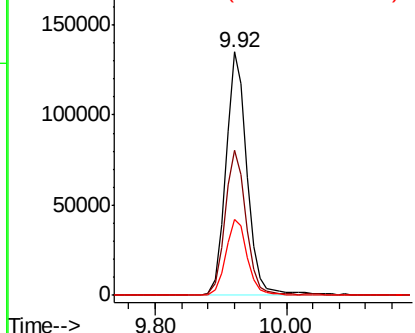
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.00 min
Lab File: VF060240.D
Acq: 10 Sep 2018 17:42

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-J5

Tot Ion:117 Resp: 304346
Ion Ratio Lower Upper
117 100
82 59.7 49.3 73.9
119 31.3 26.5 39.7

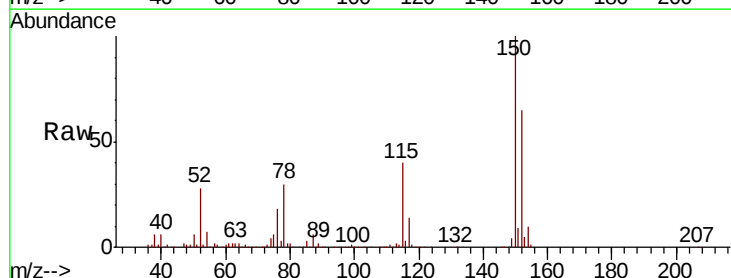


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

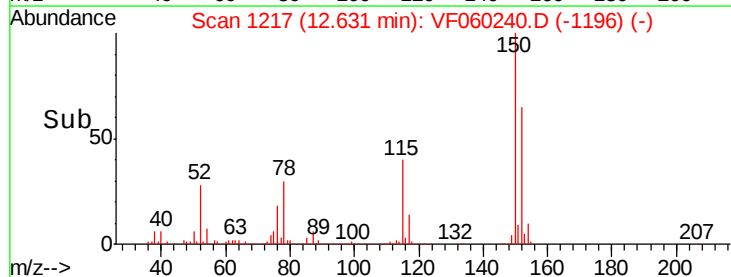
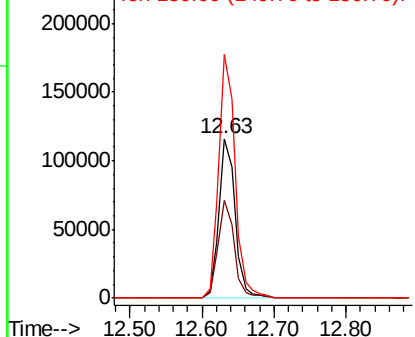


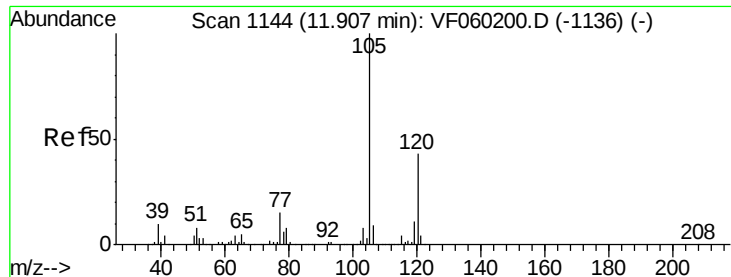
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060240.D
Acq: 10 Sep 2018 17:42

Tgt Ion:152 Resp: 179234
Ion Ratio Lower Upper
152 100
115 61.1 31.5 94.5
150 153.0 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





#80

1,3,5-Trimethylbenzene

Concen: 1.20 ug/l

RT: 11.91 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VF060240.D

Acq: 10 Sep 2018 17:42

Instrument :

MSVOA_F

ClientSampleId :

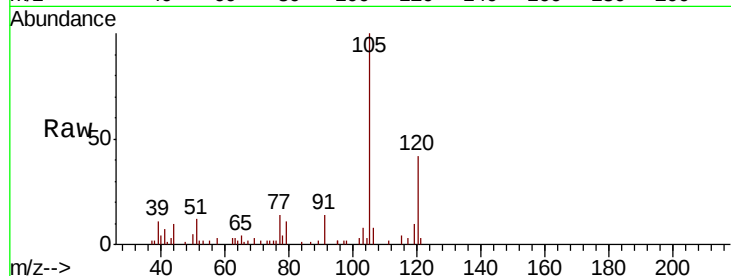
EP1-Q2-J5

Tot Ion:105 Resp: 13076

Ion Ratio Lower Upper

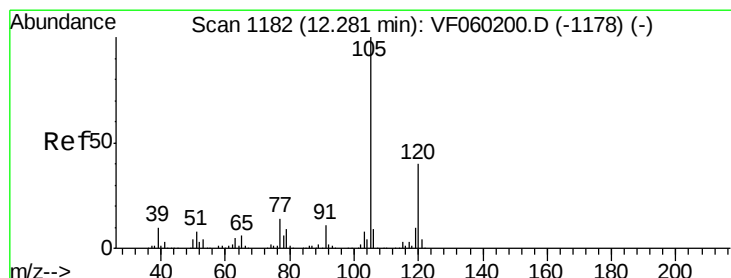
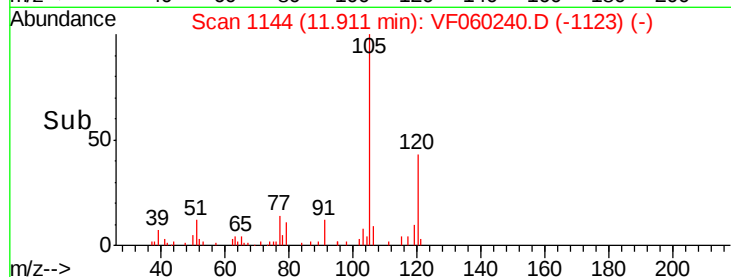
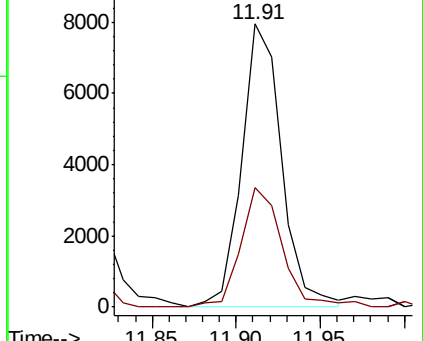
105 100

120 42.3 21.6 64.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 2.23 ug/l

RT: 12.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VF060240.D

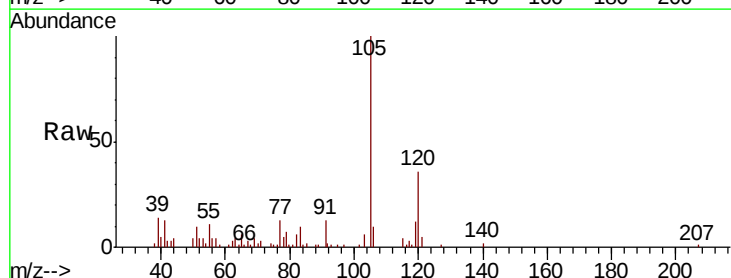
Acq: 10 Sep 2018 17:42

Tgt Ion:105 Resp: 24670

Ion Ratio Lower Upper

105 100

120 35.7 20.2 60.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

