

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100318\
 Data File : VF060421.D
 Acq On : 3 Oct 2018 18:18
 Operator : VA/AP
 Sample : J5200-01
 Misc : 6.36/5mL/MSVOA F/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-100118-A

Quant Time: Oct 04 14:08:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

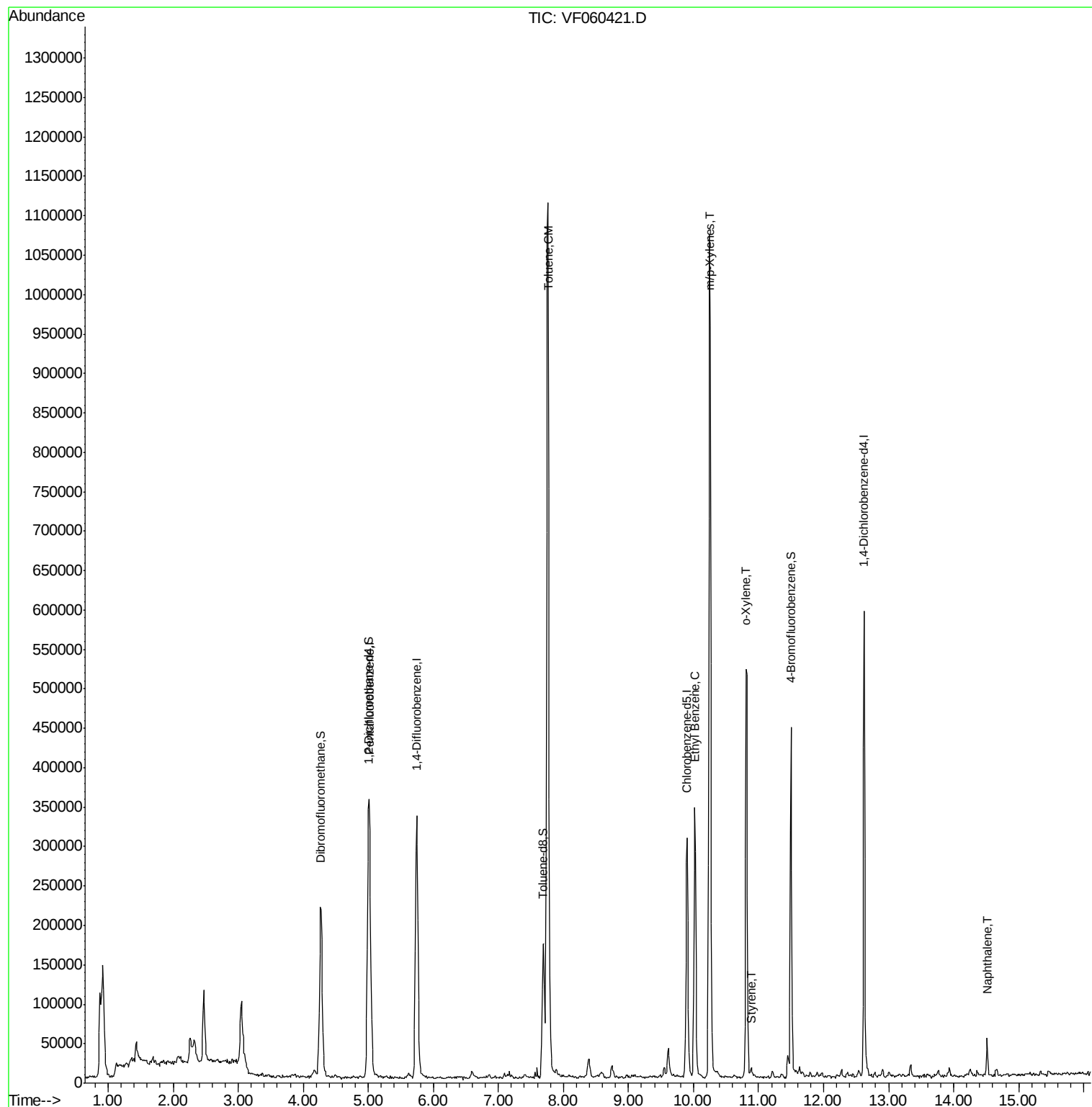
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	222536	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.74	114	362068	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	201290	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	135598	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	186596	53.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.18%	
35) Dibromofluoromethane	4.27	113	196756	57.85	ug/l	0.01
Spiked Amount 50.000			Recovery	=	115.70%	
50) Toluene-d8	7.69	98	146085	17.44	ug/l	0.01
Spiked Amount 50.000			Recovery	=	34.88%	
62) 4-Bromofluorobenzene	11.50	95	155433	40.64	ug/l	0.01
Spiked Amount 50.000			Recovery	=	81.28%	
Target Compounds						
52) Toluene	7.76	92	629814	104.634	ug/l	94
67) Ethyl Benzene	10.02	91	321736	40.923	ug/l	99
68) m/p-Xylenes	10.25	106	363683	134.563	ug/l	97
69) o-Xylene	10.82	106	154679	52.505	ug/l	99
70) Styrene	10.89	104	5350	1.277	ug/l	91
95) Naphthalene	14.51	128	29092	5.059	ug/l #	95

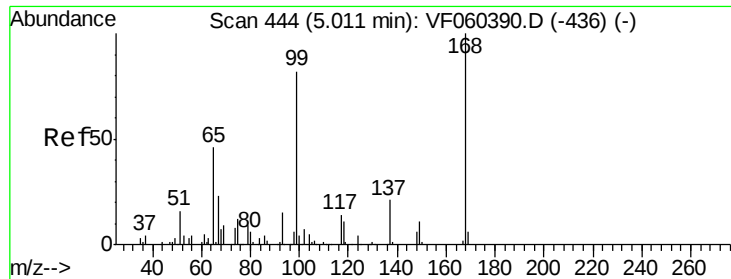
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 04 14:08:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.01 min

Lab File: VF060421.D

Acq: 3 Oct 2018 18:18

Instrument :

MSVOA_F

ClientSampleId :

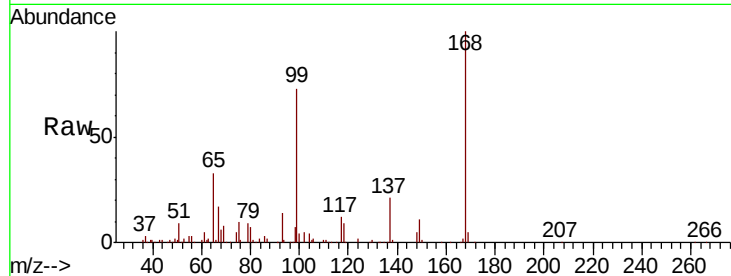
OR-02-100118-A

Tot Ion:168 Resp: 222536

Ion Ratio Lower Upper

168 100

99 72.5 65.3 97.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

80000

60000

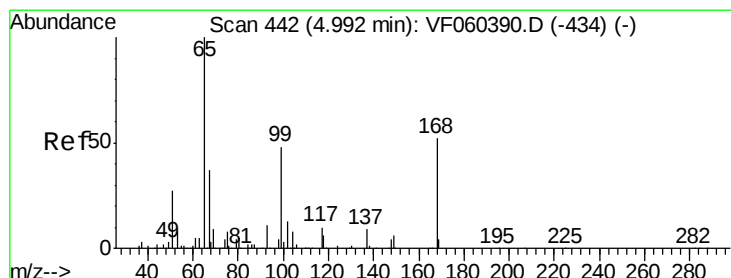
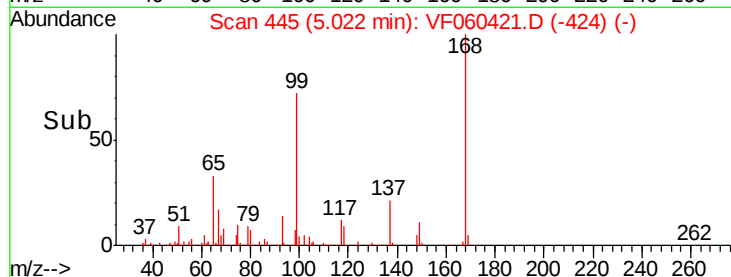
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 53.586 ug/l

RT: 4.99 min Scan# 442

Delta R.T. 0.00 min

Lab File: VF060421.D

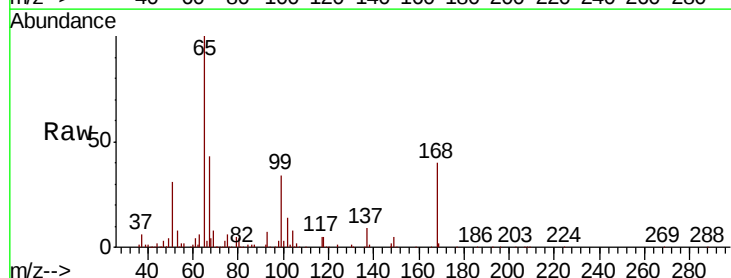
Acq: 3 Oct 2018 18:18

Tgt Ion: 65 Resp: 186596

Ion Ratio Lower Upper

65 100

67 43.1 0.0 89.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.99

80000

60000

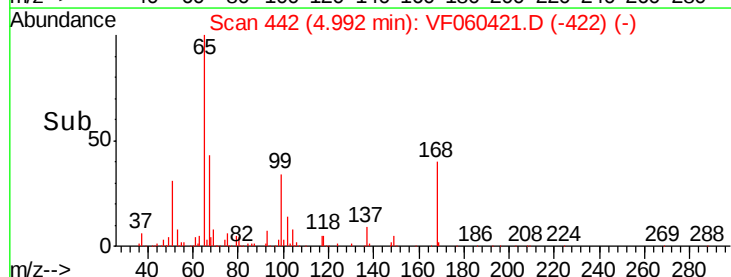
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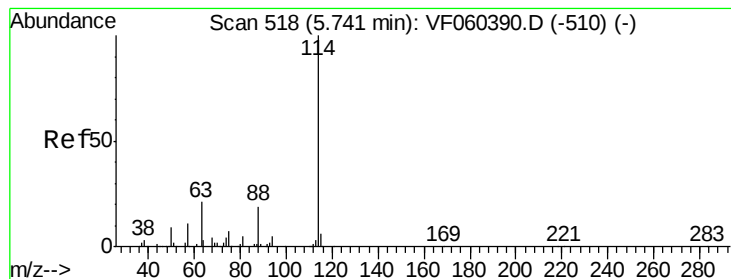
20000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.74 min Scan# 518

Delta R.T. 0.00 min

Lab File: VF060421.D

Acq: 3 Oct 2018 18:18

Instrument :

MSVOA_F

ClientSampleId :

OR-02-100118-A

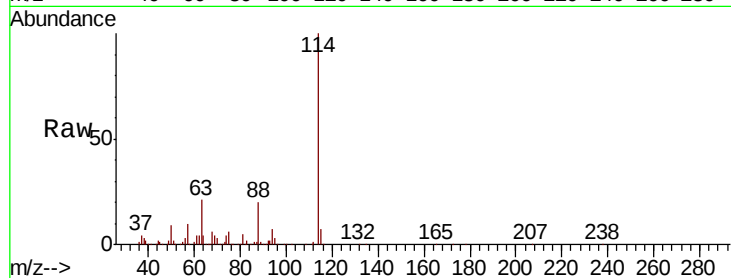
Tot Ion:114 Resp: 362068

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.2

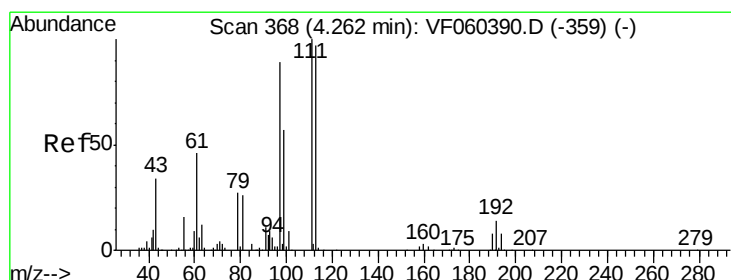
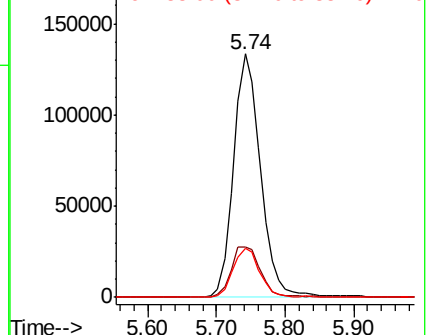
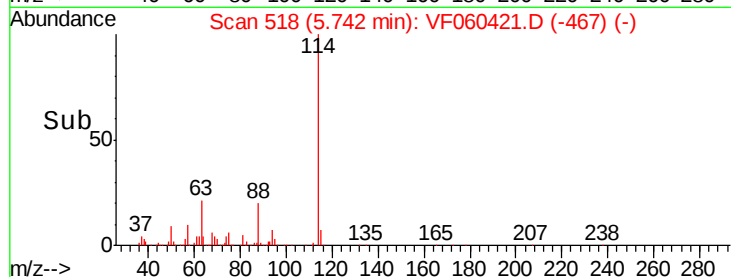
88 20.0 0.0 38.8



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: 57.846 ug/l

RT: 4.27 min Scan# 369

Delta R.T. 0.01 min

Lab File: VF060421.D

Acq: 3 Oct 2018 18:18

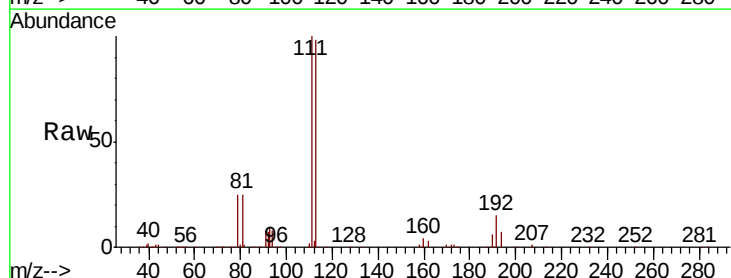
Tgt Ion:113 Resp: 196756

Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

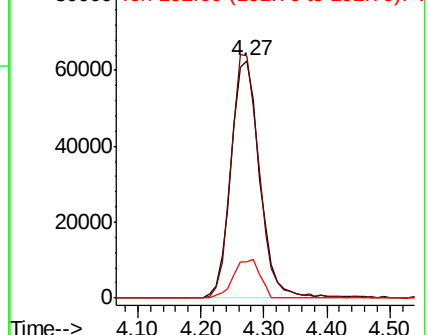
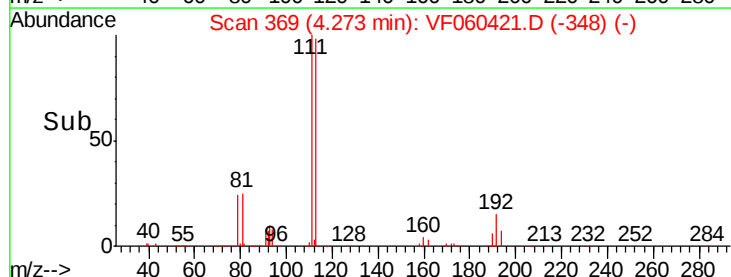
192 15.5 11.8 17.6

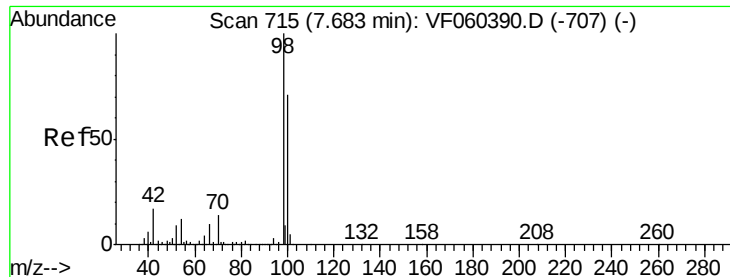


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 17.439 ug/l

RT: 7.69 min Scan# 716

Delta R.T. 0.01 min

Lab File: VF060421.D

Acq: 3 Oct 2018 18:18

Instrument :

MSVOA_F

ClientSampleId :

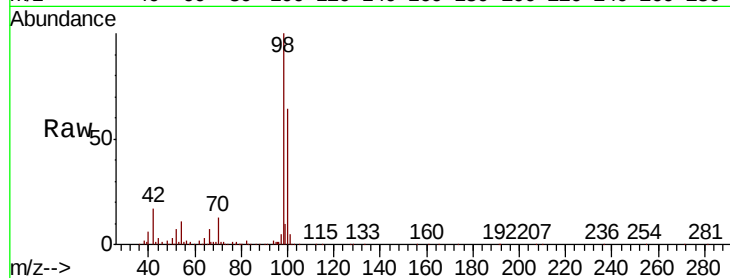
OR-02-100118-A

Tot Ion: 98 Resp: 146085

Ion Ratio Lower Upper

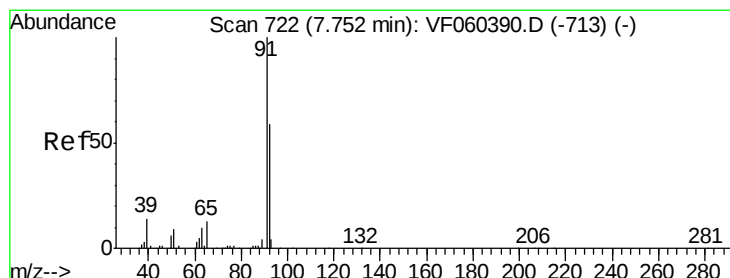
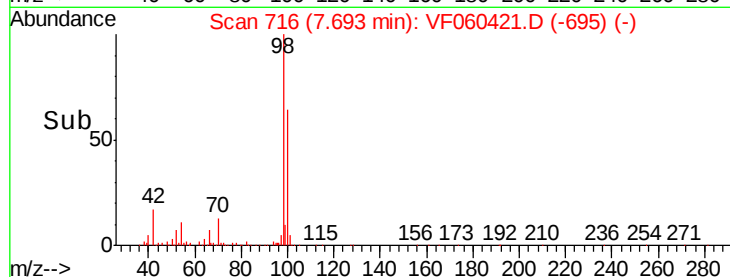
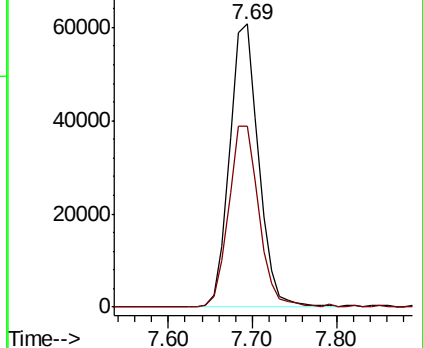
98 100

100 64.2 56.5 84.7



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#52

Toluene

Concen: 104.634 ug/l

RT: 7.76 min Scan# 723

Delta R.T. 0.01 min

Lab File: VF060421.D

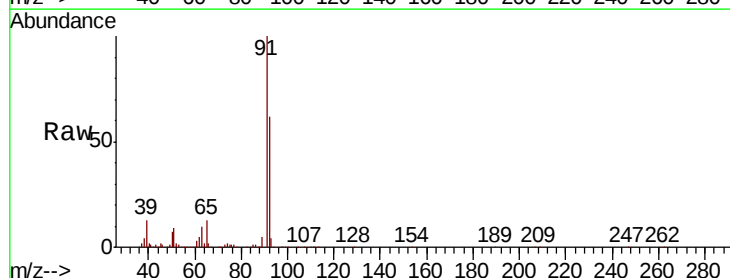
Acq: 3 Oct 2018 18:18

Tgt Ion: 92 Resp: 629814

Ion Ratio Lower Upper

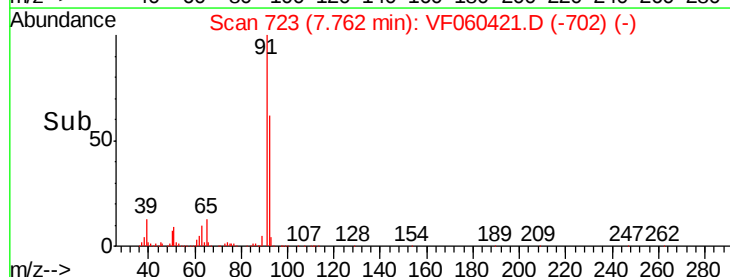
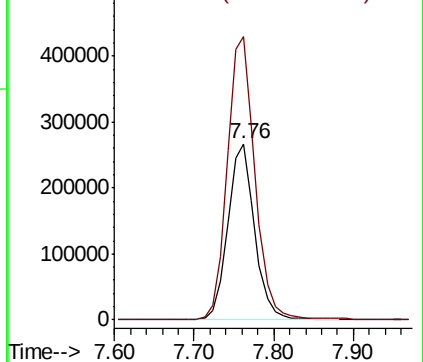
92 100

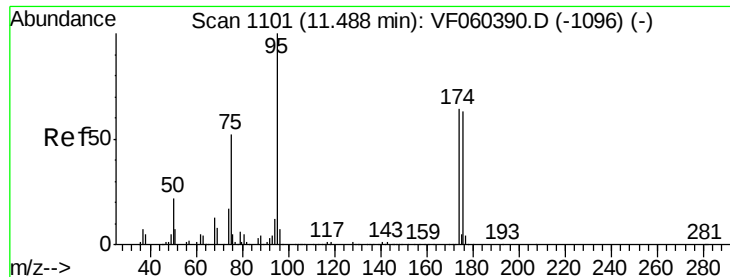
91 160.4 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

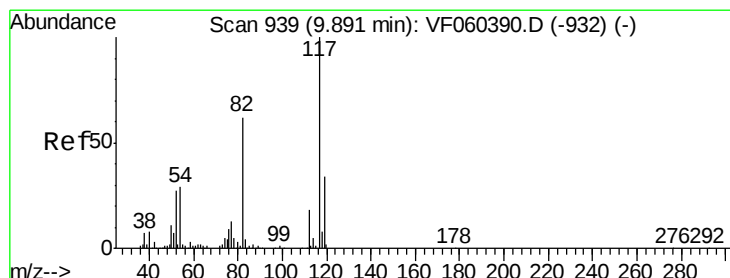
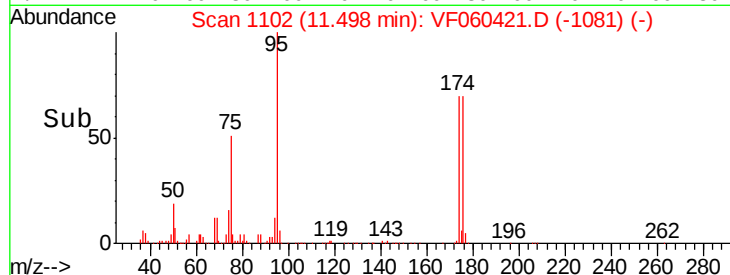
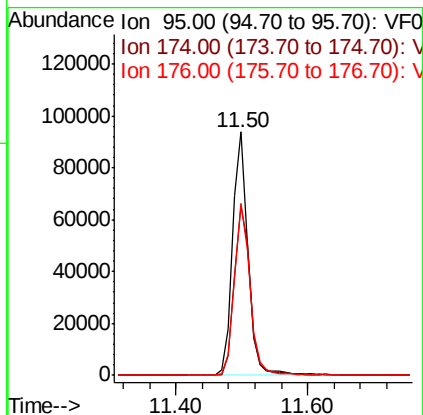
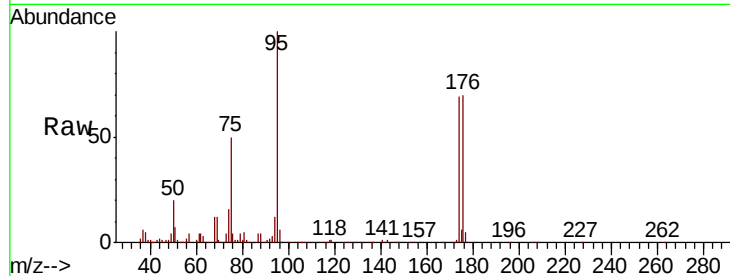




#62
4-Bromofluorobenzene
Concen: 40.637 ug/l
RT: 11.50 min Scan# 1102
Delta R.T. 0.01 min
Lab File: VF060421.D
Acq: 3 Oct 2018 18:18

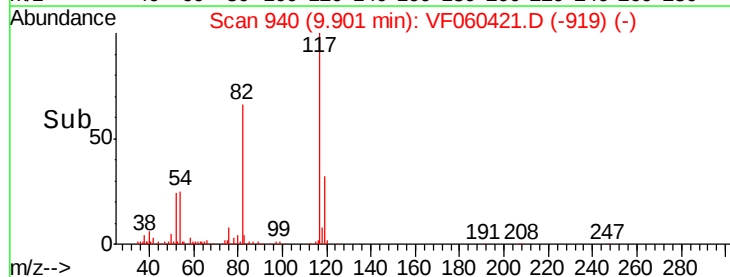
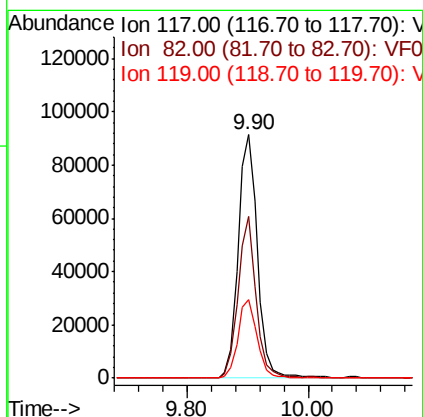
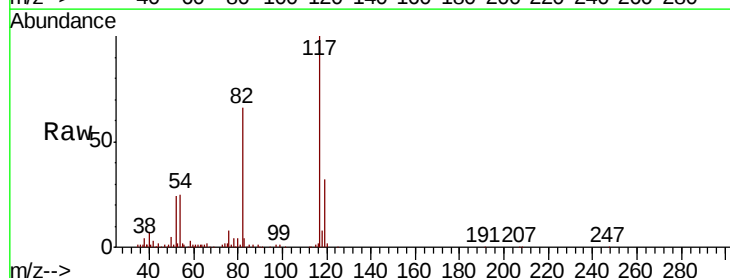
Instrument :
MSVOA_F
ClientSampleId :
OR-02-100118-A

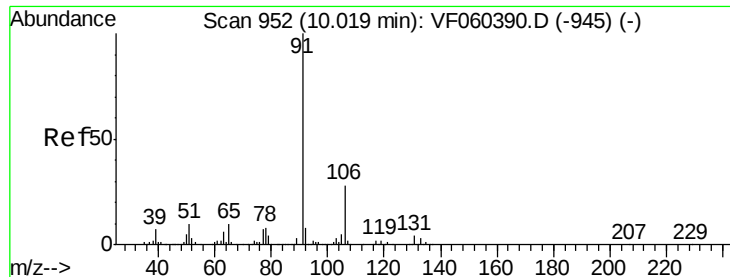
Tot Ion: 95 Resp: 155433
Ion Ratio Lower Upper
95 100
174 69.5 0.0 129.0
176 70.4 0.0 125.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. 0.01 min
Lab File: VF060421.D
Acq: 3 Oct 2018 18:18

Tgt Ion: 117 Resp: 201290
Ion Ratio Lower Upper
117 100
82 66.3 49.5 74.3
119 32.0 27.0 40.6





#67

Ethyl Benzene

Concen: 40.923 ug/l

RT: 10.02 min Scan# 952

Delta R.T. 0.00 min

Lab File: VF060421.D

Acq: 3 Oct 2018 18:18

Instrument :

MSVOA_F

ClientSampleId :

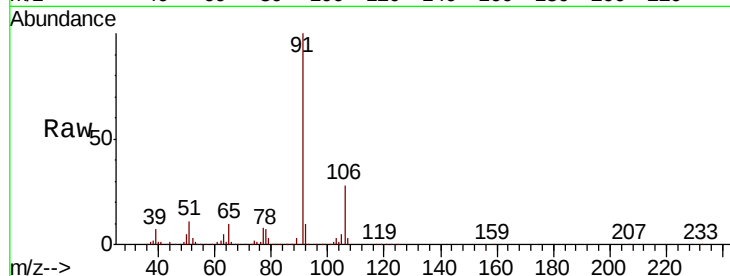
OR-02-100118-A

Tot Ion: 91 Resp: 321736

Ion Ratio Lower Upper

91 100

106 27.6 22.5 33.7



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

150000

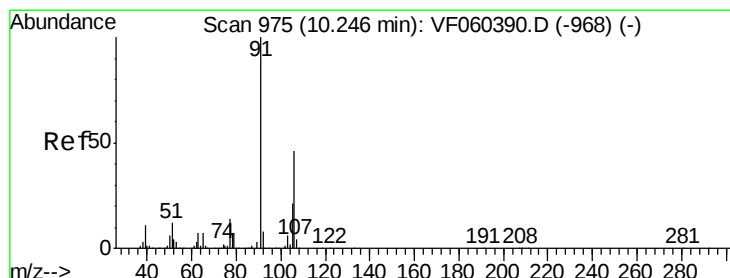
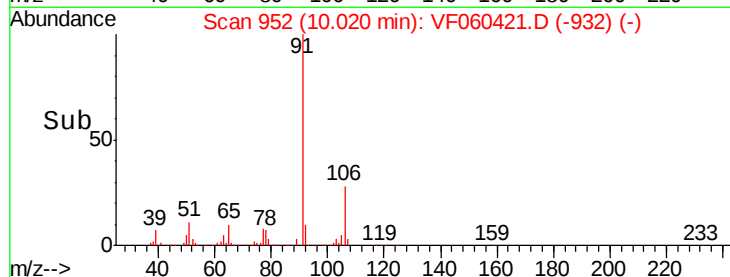
100000

50000

0

9.90 10.02 10.10

Time-->



#68

m/p-Xylenes

Concen: 134.563 ug/l

RT: 10.25 min Scan# 975

Delta R.T. 0.00 min

Lab File: VF060421.D

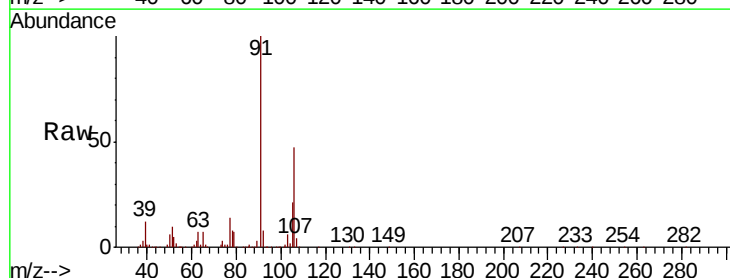
Acq: 3 Oct 2018 18:18

Tgt Ion:106 Resp: 363683

Ion Ratio Lower Upper

106 100

91 214.6 175.0 262.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

400000

300000

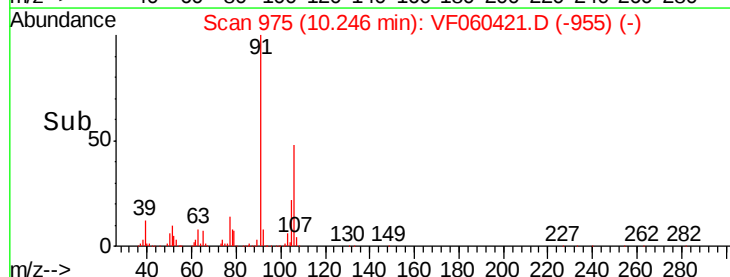
200000

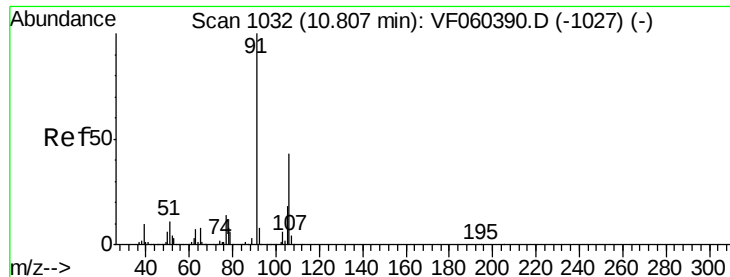
100000

0

10.10 10.25 10.30 10.40

Time-->

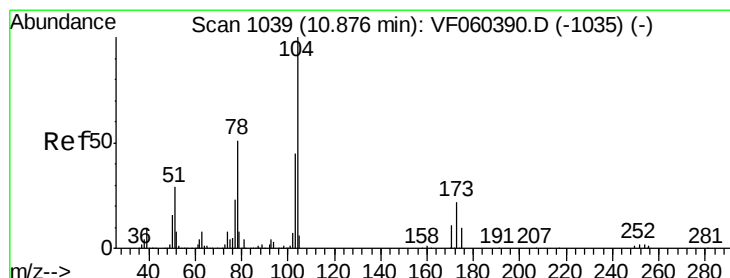
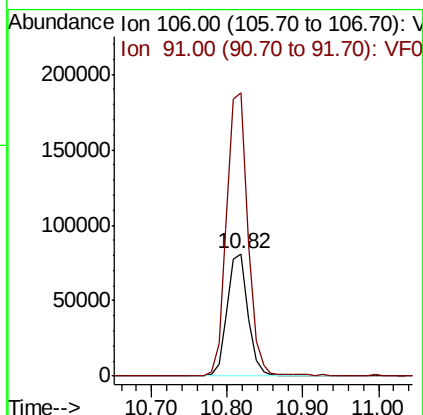
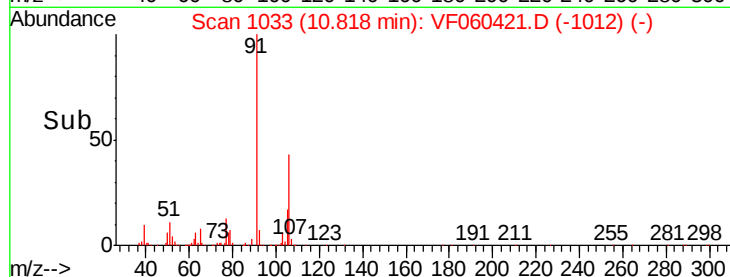
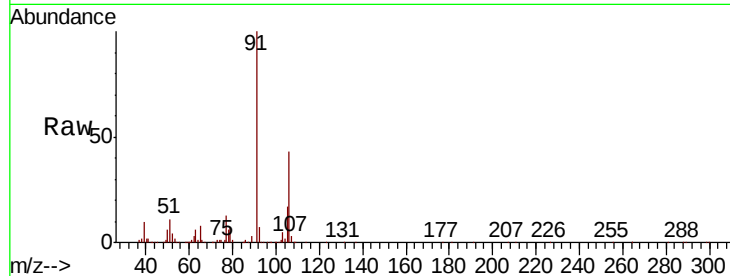




#69
o-Xylene
Concen: 52.505 ug/l
RT: 10.82 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VF060421.D
Acq: 3 Oct 2018 18:18

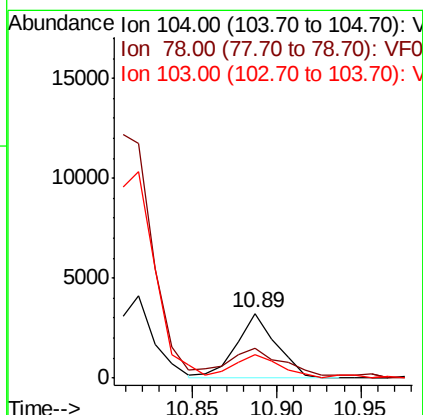
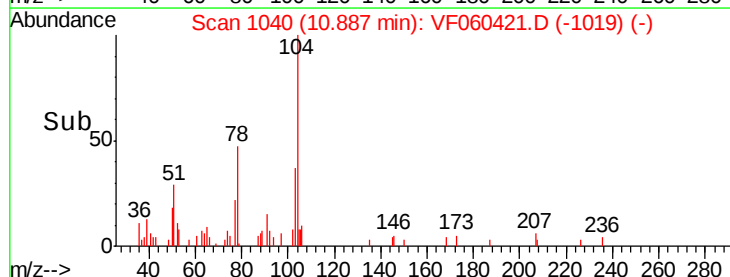
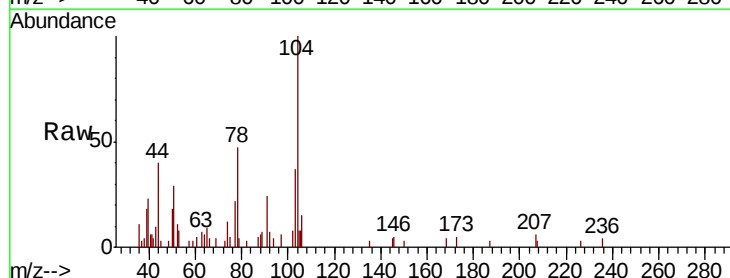
Instrument :
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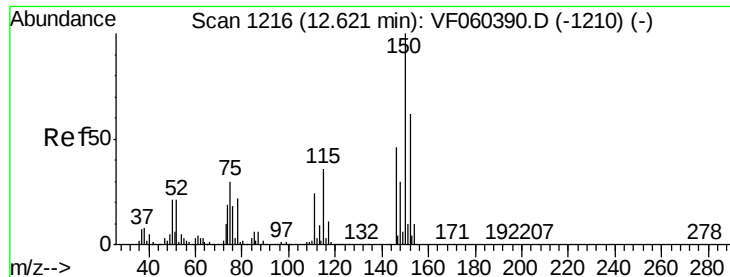
Tot Ion:106 Resp: 154679
Ion Ratio Lower Upper
106 100
91 231.4 115.1 345.2



#70
Styrene
Concen: 1.277 ug/l
RT: 10.89 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VF060421.D
Acq: 3 Oct 2018 18:18

Tgt Ion:104 Resp: 5350
Ion Ratio Lower Upper
104 100
78 46.9 41.0 61.4
103 37.0 36.4 54.6



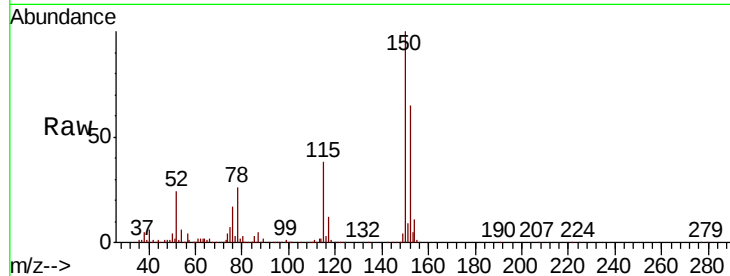


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. 0.00 min
Lab File: VF060421.D
Acq: 3 Oct 2018 18:18

Instrument :
MSVOA_F
ClientSampleId :
OR-02-100118-A

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.8	28.6	85.8
150	154.7	0.0	324.6

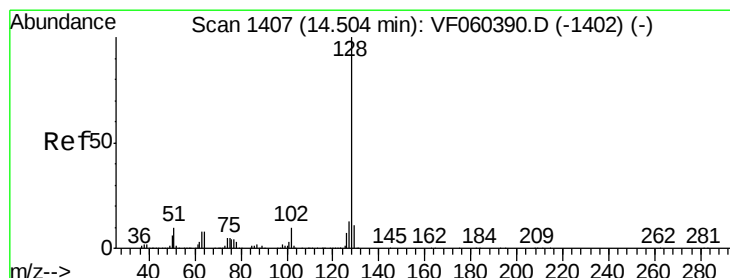
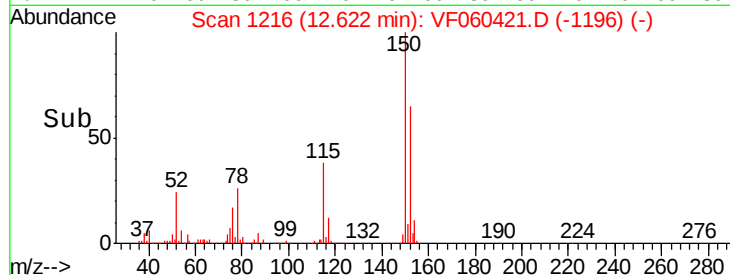
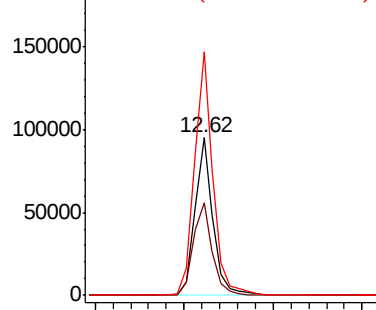


Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

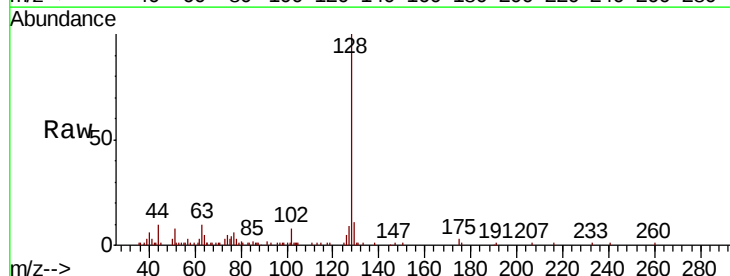
Ion 150.00 (149.70 to 150.70): V



#95

Naphthalene
Concen: 5.059 ug/l
RT: 14.51 min Scan# 1408
Delta R.T. 0.01 min
Lab File: VF060421.D
Acq: 3 Oct 2018 18:18

Tgt Ion	Ratio	Lower	Upper
128	100		
127	9.3	10.0	15.0#
129	11.3	8.7	13.1



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

