

Data File : VF060210.D
Acq On : 7 Sep 2018 15:07
Operator : VA/AP
Sample : J4693-02
Misc : 5.71g/5mL/MSVOA_F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-E(10-15)

Manual Integrations
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Quant Time: Sep 07 23:38:20 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	170872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	249256	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	260762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	166901	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	134434	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.08%	
35) Dibromofluoromethane	4.30	113	101227	41.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.90%	
50) Toluene-d8	7.72	98	249834	41.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.00%	
62) 4-Bromofluorobenzene	11.51	95	149203	43.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.78%	
Target Compounds						
16) Acetone	2.35	43	14855	28.494	ug/l #	88
59) 2-Hexanone	9.64	43	25115	21.074	ug/l	97
78) n-propylbenzene	11.69	91	21011	1.523	ug/l	95
84) 1,2,4-Trimethylbenzene	12.29	105	95881	9.287	ug/l	99
85) sec-Butylbenzene	12.39	105	21254	1.664	ug/l #	79
89) n-Butylbenzene	12.92	91	15458	1.409	ug/l	95
95) Naphthalene	14.53	128	27302	6.710	ug/l #	95

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

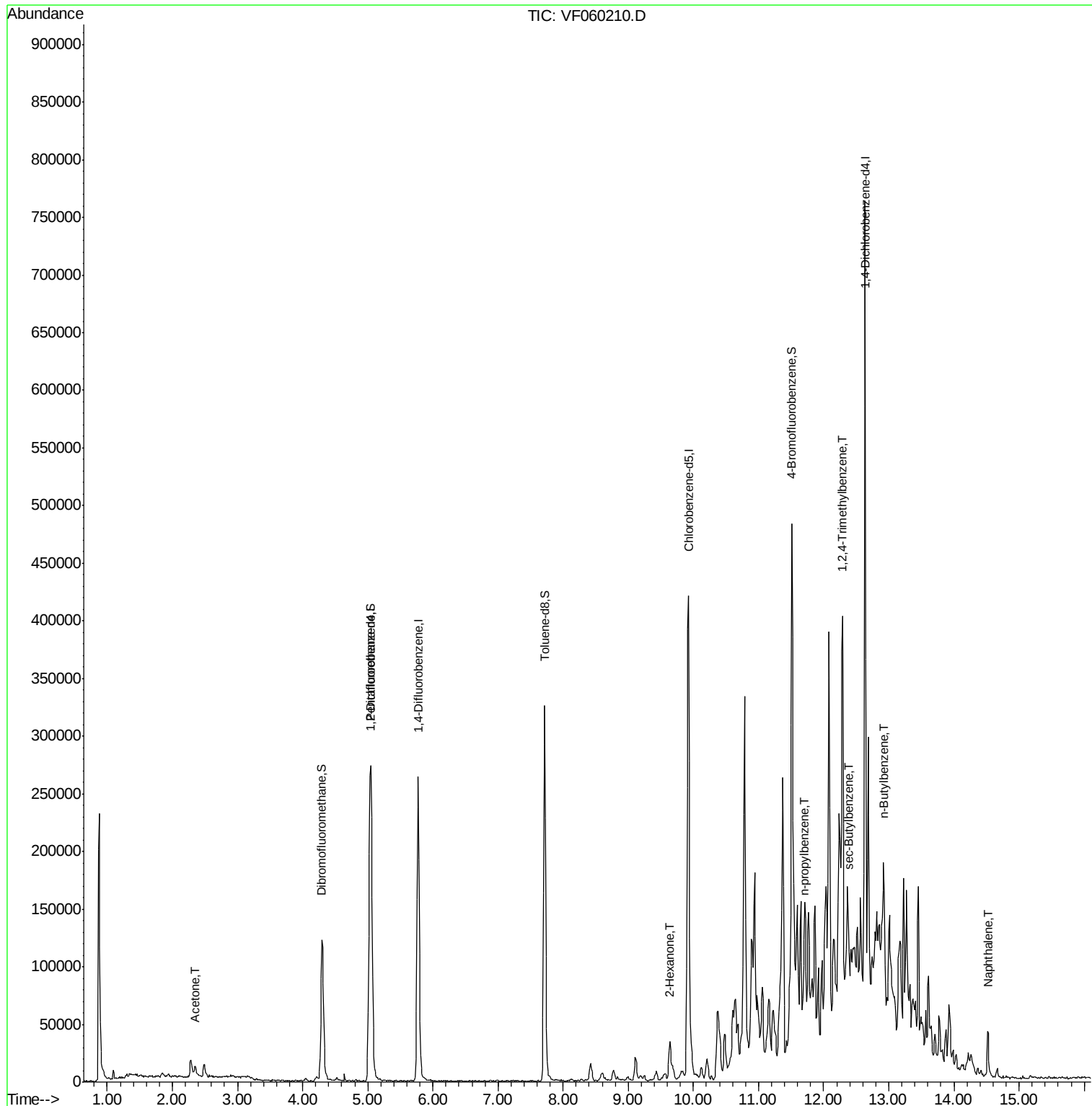
Data File : VF060210.D
Acq On : 7 Sep 2018 15:07
Operator : VA/AP
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Misc : 5.71g/5mL/MSVOA_F/SOIL
ALS Vial : 6 Sample Multiplier: 1

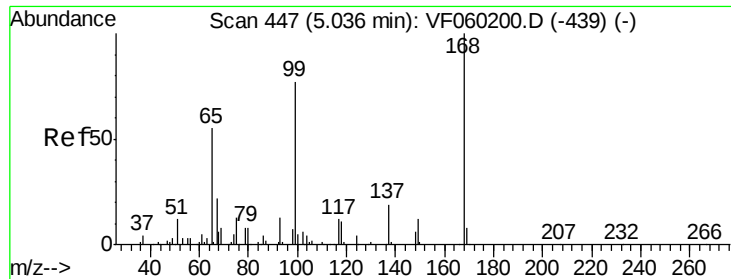
Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-E(10-15)

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Quant Time: Sep 07 23:38:20 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 448

Delta R.T. 0.01 min

Lab File: VF060210.D

Acq: 7 Sep 2018 15:07

Instrument :

MSVOA_F

ClientSampleId :

EP1-MW-E(10-15)

Tgt Ion: 168 Resp: 170872

Ion Ratio Lower Upper

168 100

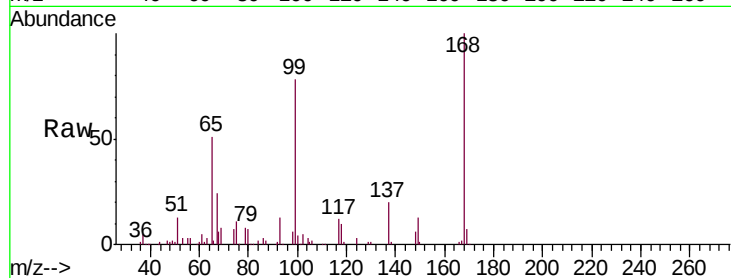
99 77.9 61.8 92.6

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

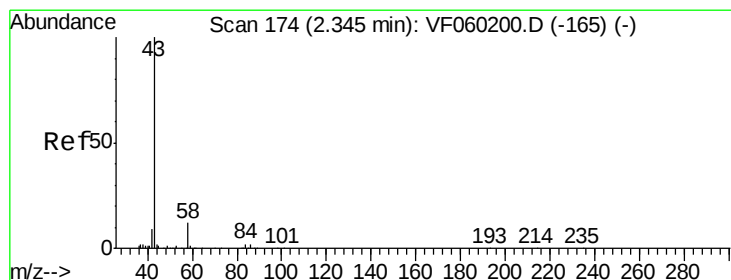
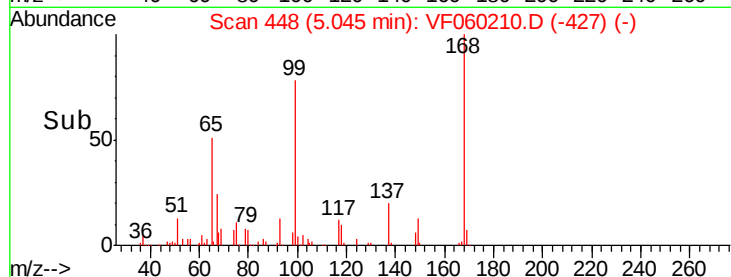
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 28.494 ug/l

RT: 2.35 min Scan# 175

Delta R.T. 0.01 min

Lab File: VF060210.D

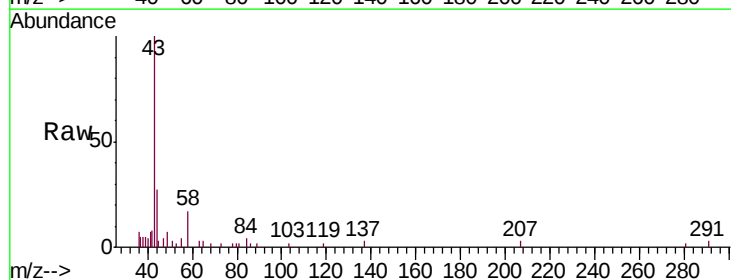
Acq: 7 Sep 2018 15:07

Tgt Ion: 43 Resp: 14855

Ion Ratio Lower Upper

43 100

58 16.9 9.7 14.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.35

6000

5000

4000

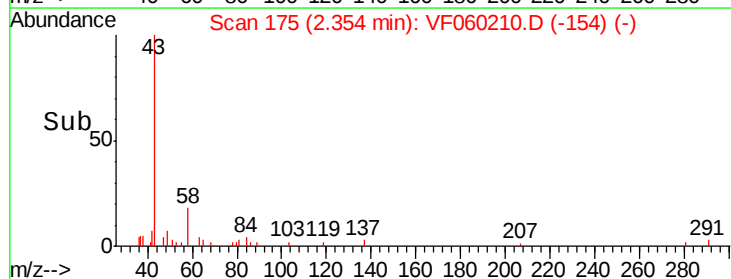
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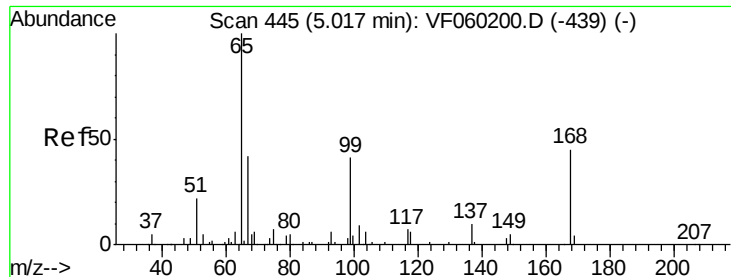
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 45.035 ug/l

RT: 5.03 min Scan# 446

Delta R.T. 0.01 min

Lab File: VF060210.D

Acq: 7 Sep 2018 15:07

Instrument :

MSVOA_F

ClientSampleId :

EP1-MW-E(10-15)

Tgt Ion: 65 Resp: 134434

Ion Ratio Lower Upper

65 100

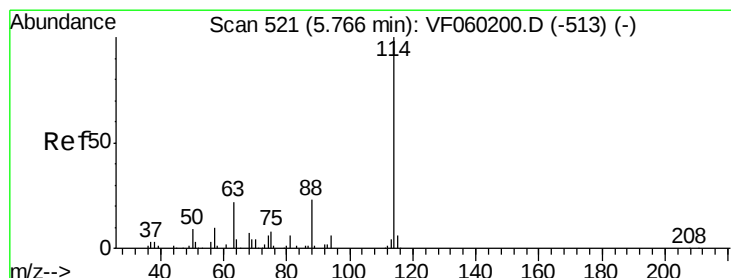
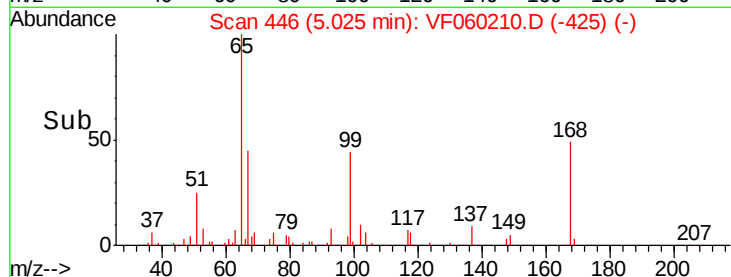
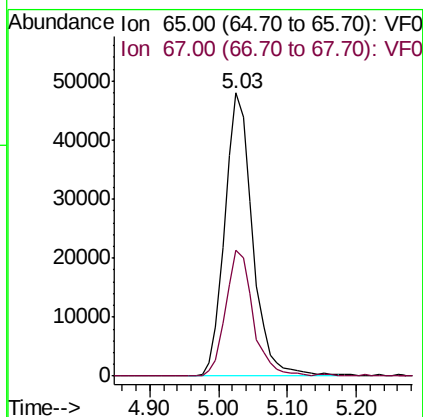
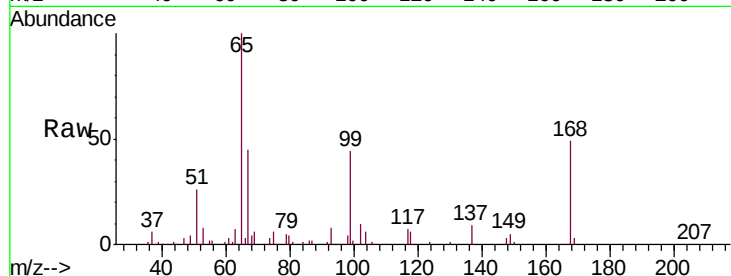
67 44.7 0.0 87.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 522

Delta R.T. 0.01 min

Lab File: VF060210.D

Acq: 7 Sep 2018 15:07

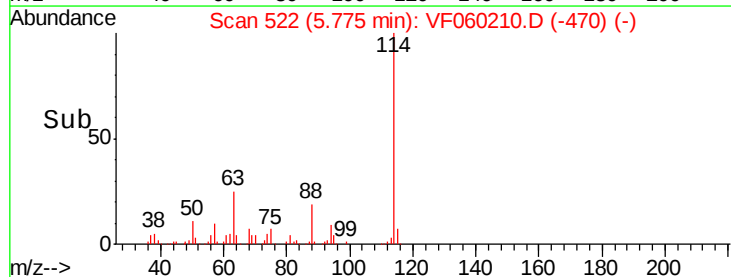
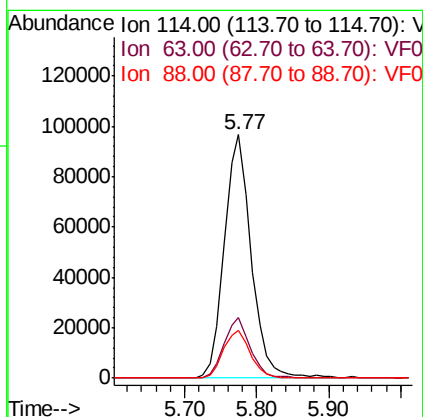
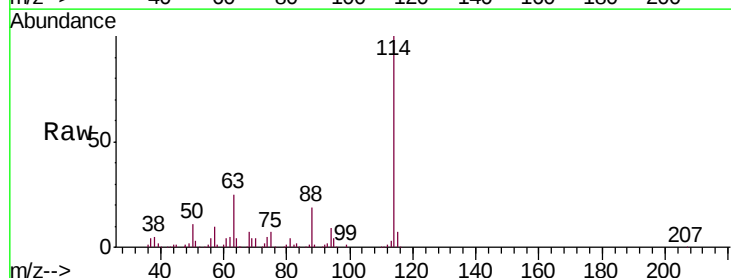
Tgt Ion: 114 Resp: 249256

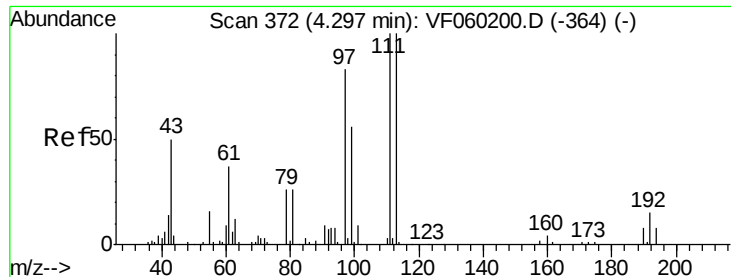
Ion Ratio Lower Upper

114 100

63 25.0 0.0 45.6

88 19.4 0.0 46.4





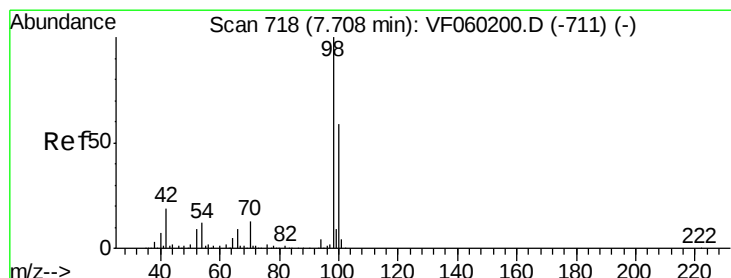
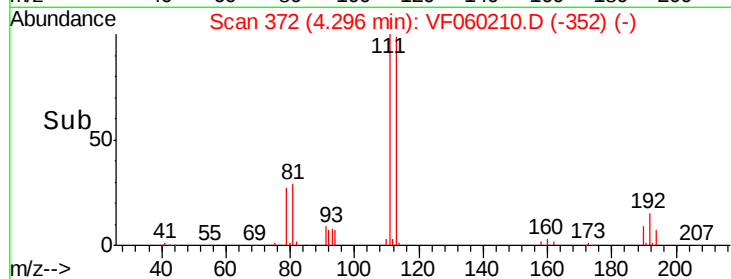
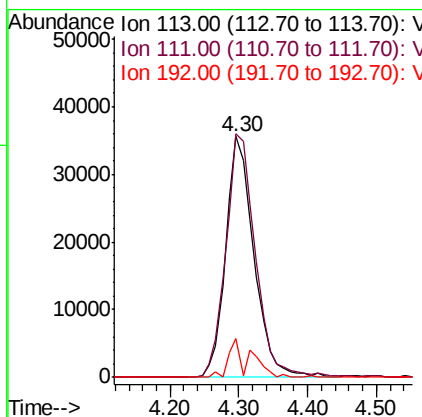
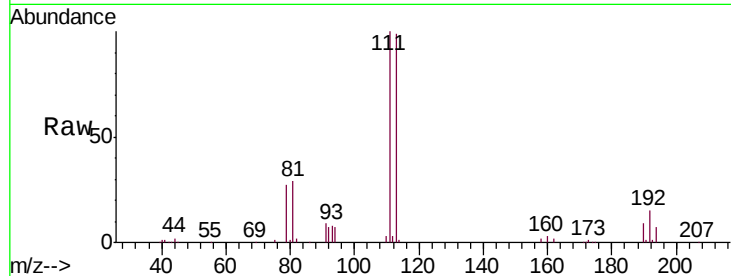
#35
Dibromofluoromethane
Concen: 41.452 ug/l
RT: 4.30 min Scan# 372
Delta R.T. -0.00 min
Lab File: VF060210.D
Acq: 7 Sep 2018 15:07

Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-E(10-15)

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	101227		
111	101.2	80.2	120.2	
192	16.2	11.8	17.8	

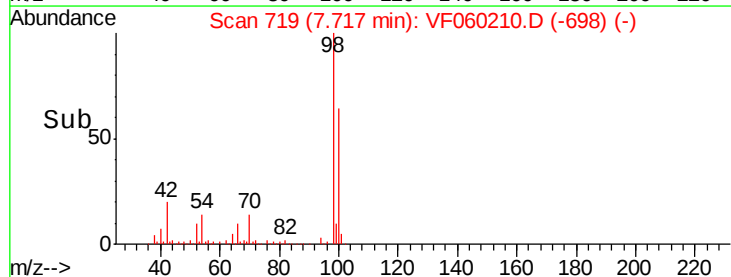
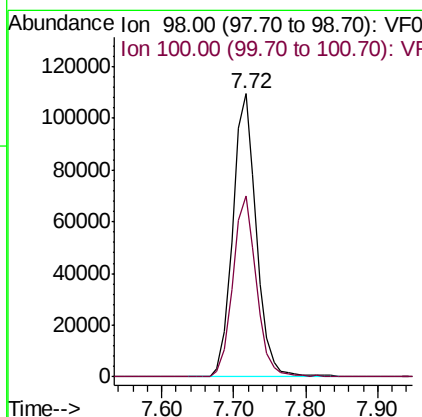
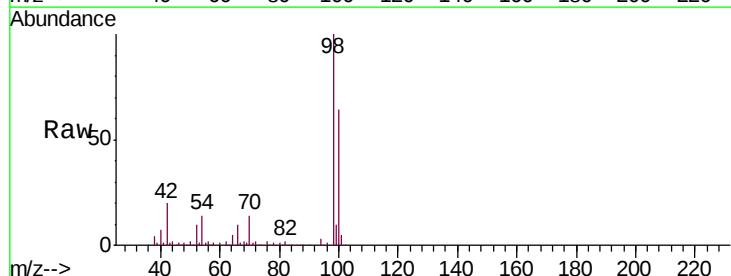
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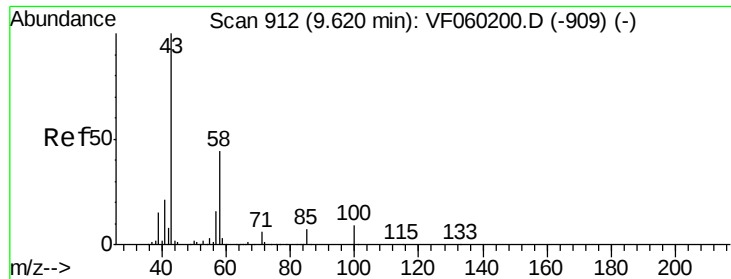
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#50
Toluene-d8
Concen: 40.997 ug/l
RT: 7.72 min Scan# 719
Delta R.T. 0.01 min
Lab File: VF060210.D
Acq: 7 Sep 2018 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	249834		
100	63.8	47.4	71.0	





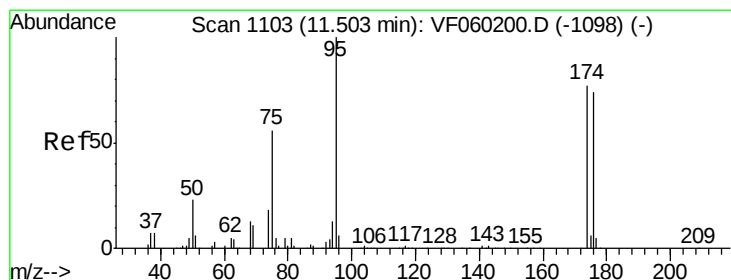
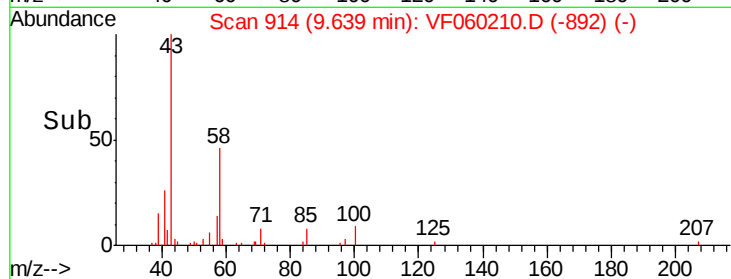
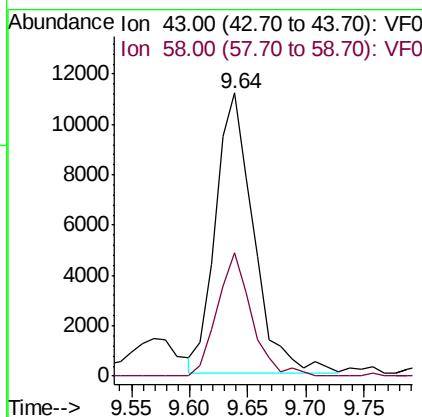
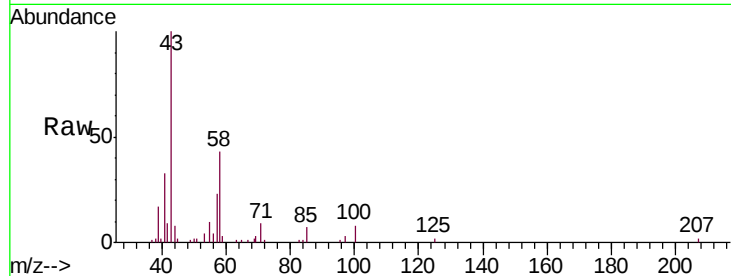
#59
2-Hexanone
Concen: 21.074 ug/l
RT: 9.64 min Scan# 914
Delta R.T. 0.02 min
Lab File: VF060210.D
Acq: 7 Sep 2018 15:07

Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-E(10-15)

Tgt Ion: 43 Resp: 25115
Ion Ratio Lower Upper
43 100
58 43.4 20.8 62.5

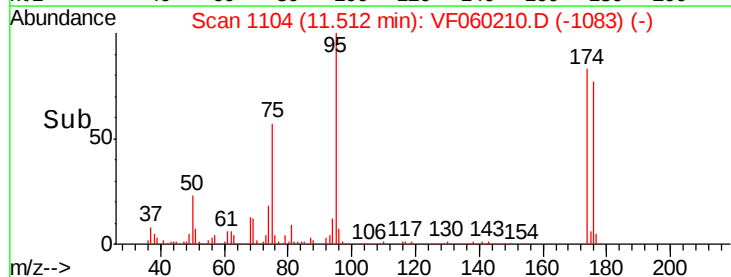
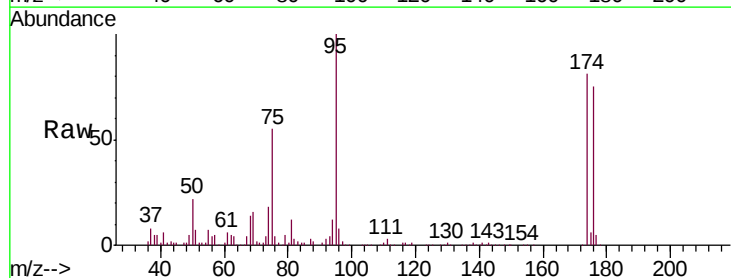
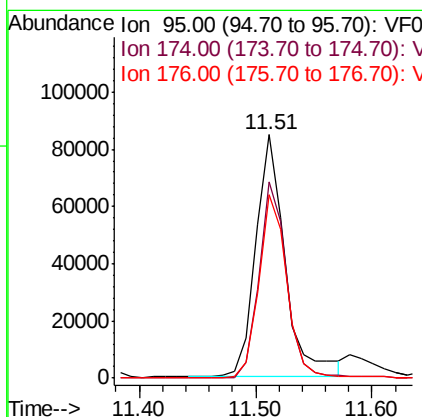
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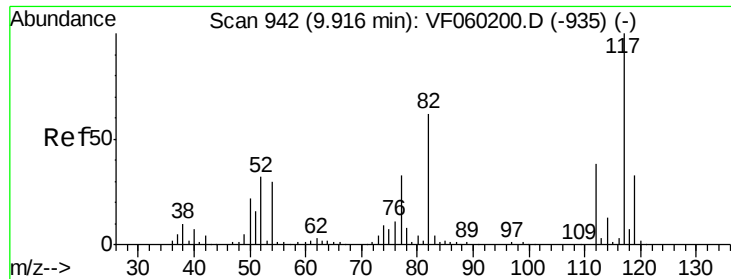
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#62
4-Bromofluorobenzene
Concen: 43.395 ug/l
RT: 11.51 min Scan# 1104
Delta R.T. 0.01 min
Lab File: VF060210.D
Acq: 7 Sep 2018 15:07

Tgt Ion: 95 Resp: 149203
Ion Ratio Lower Upper
95 100
174 80.8 0.0 153.2
176 75.4 0.0 147.2





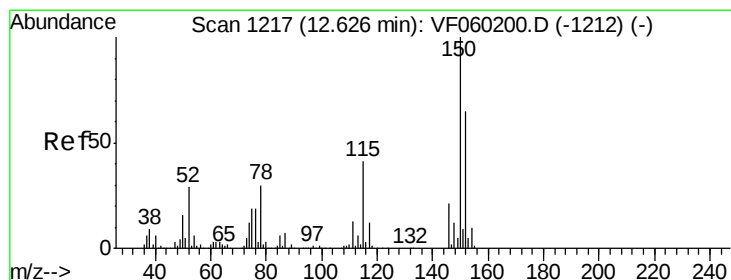
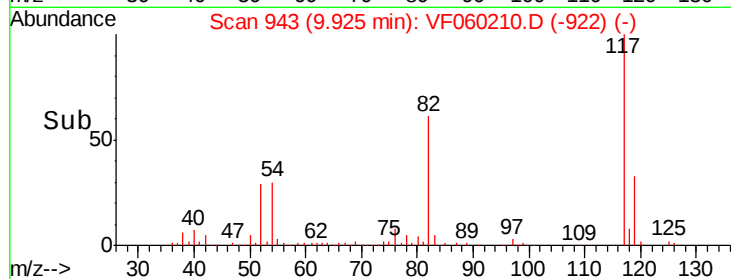
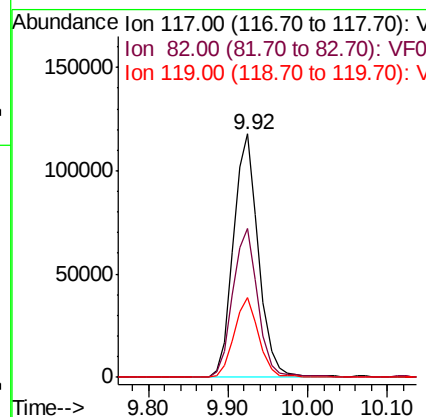
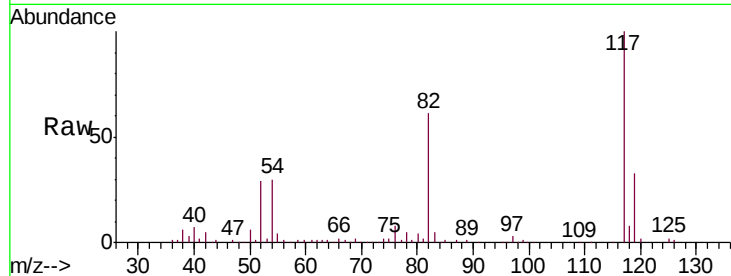
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 943
Delta R.T. 0.01 min
Lab File: VF060210.D
Acq: 7 Sep 2018 15:07

Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-E(10-15)

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	260762		
82	61.2	49.3	73.9	
119	32.9	26.5	39.7	

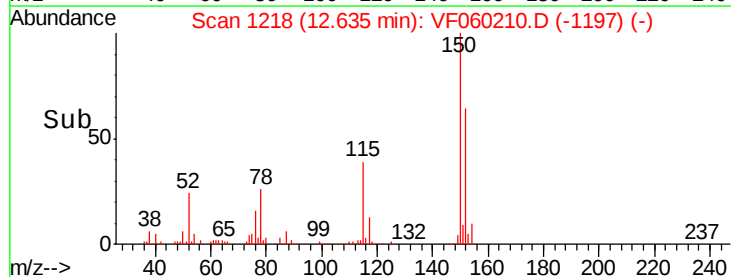
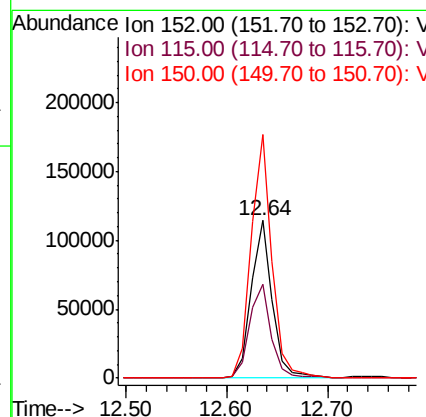
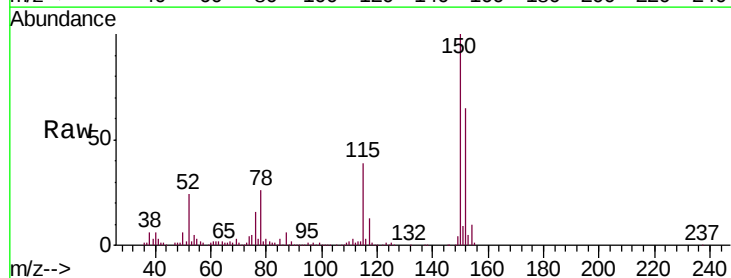
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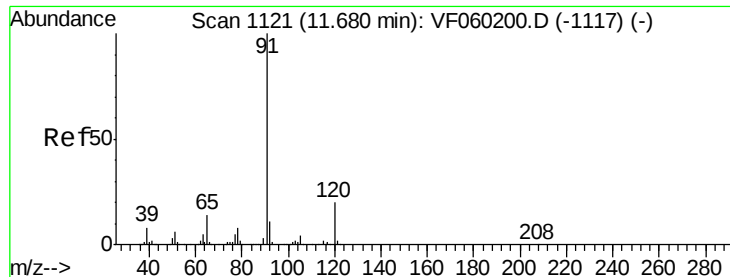
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.64 min Scan# 1218
Delta R.T. 0.01 min
Lab File: VF060210.D
Acq: 7 Sep 2018 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	166901		
115	59.8	31.5	94.5	
150	154.7	0.0	310.4	





#78

n-propylbenzene

Concen: 1.523 ug/l

RT: 11.69 min Scan# 1122

Delta R.T. 0.01 min

Lab File: VF060210.D

Acq: 7 Sep 2018 15:07

Instrument :

MSVOA_F

ClientSampleId :

EP1-MW-E(10-15)

Tgt Ion: 91 Resp: 21011

Ion Ratio Lower Upper

91 100

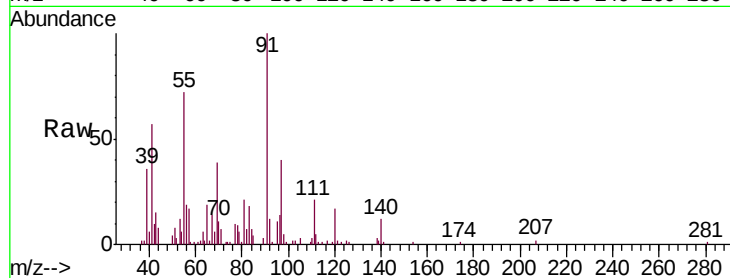
120 17.5 9.8 29.4

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Abundance Ion 91.00 (90.70 to 91.70): VF060210.D (-1117) (-)

Ion 120.00 (119.70 to 120.70): VF060210.D (-1117) (-)

11.69

15000

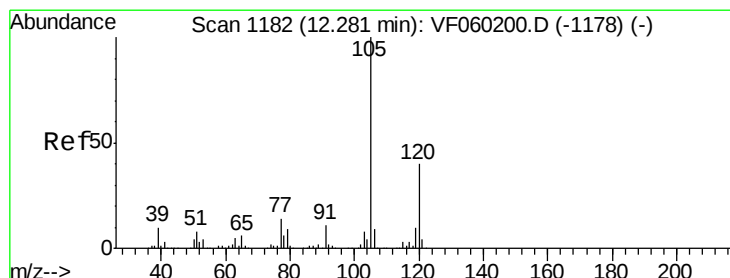
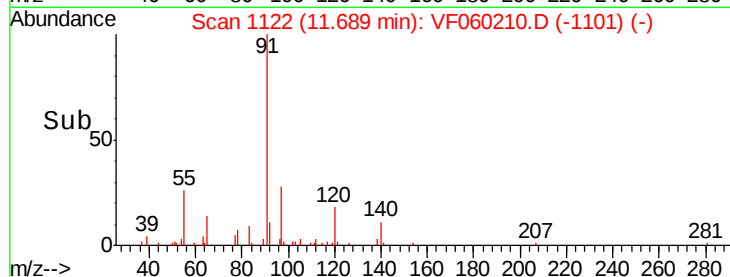
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5000

0

Time-->

11.60 11.70



#84

1,2,4-Trimethylbenzene

Concen: 9.287 ug/l

RT: 12.29 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VF060210.D

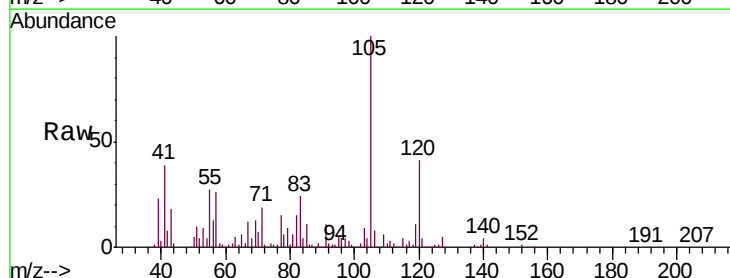
Acq: 7 Sep 2018 15:07

Tgt Ion: 105 Resp: 95881

Ion Ratio Lower Upper

105 100

120 41.0 20.2 60.5



Abundance Ion 105.00 (104.70 to 105.70): VF060210.D (-1162) (-)

Ion 120.00 (119.70 to 120.70): VF060210.D (-1162) (-)

12.29

60000

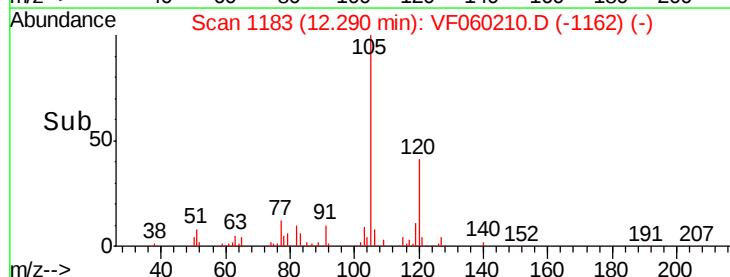
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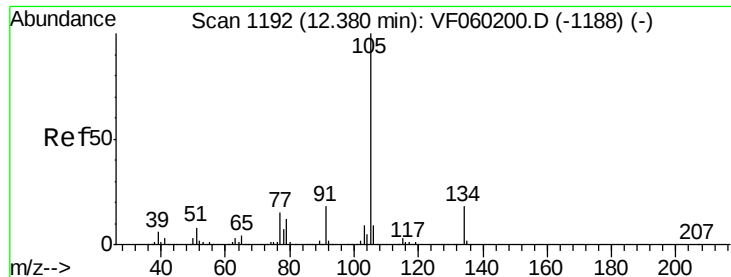
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Time-->

12.20 12.30 12.40





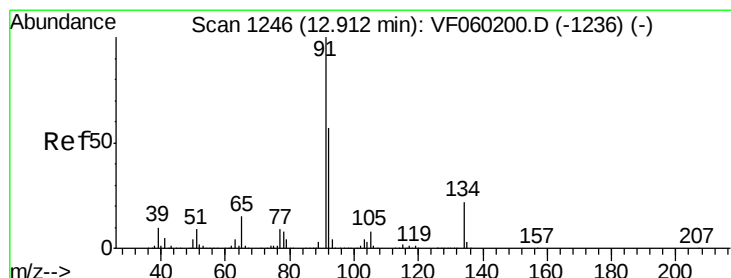
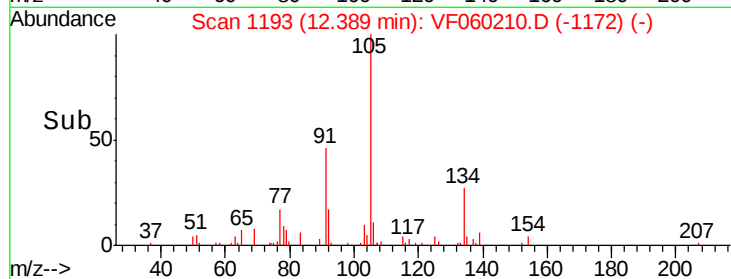
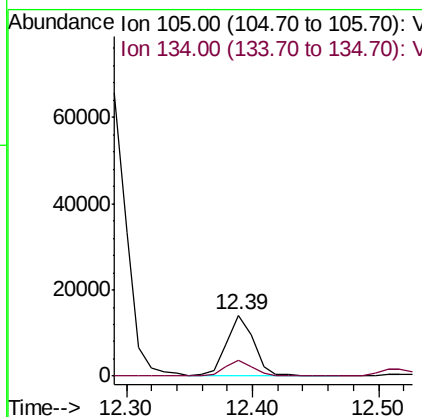
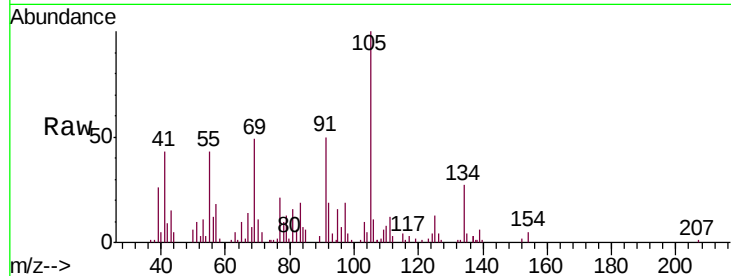
#85
 sec-Butylbenzene
 Concen: 1.664 ug/l
 RT: 12.39 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: VF060210.D
 Acq: 7 Sep 2018 15:07

Instrument :
 MSVOA_F
 ClientSampled :
 EP1-MW-E(10-15)

Tgt Ion: 105 Resp: 21254
 Ion Ratio Lower Upper
 105 100
 134 26.8 8.8 26.5#

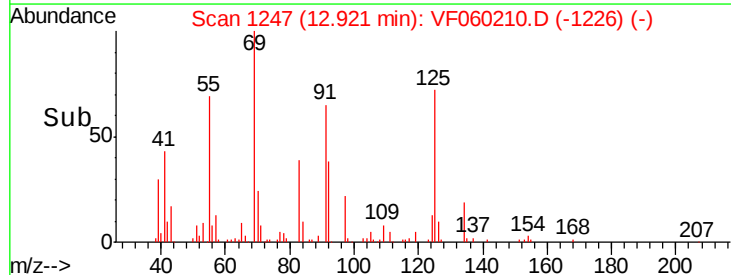
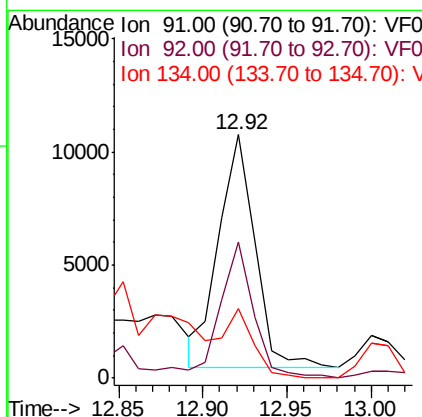
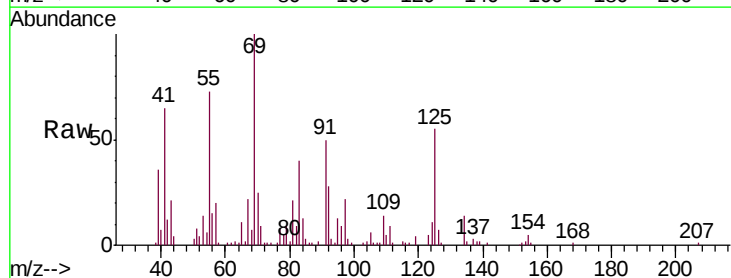
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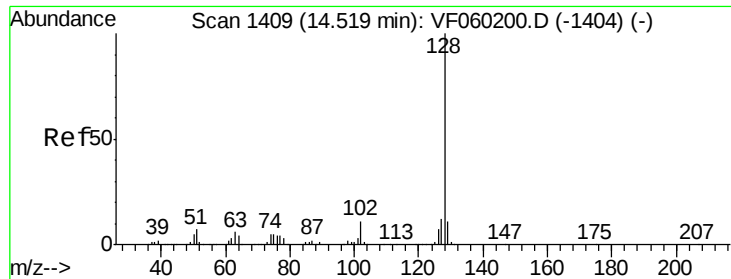
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#89
 n-Butylbenzene
 Concen: 1.409 ug/l
 RT: 12.92 min Scan# 1247
 Delta R.T. 0.01 min
 Lab File: VF060210.D
 Acq: 7 Sep 2018 15:07

Tgt Ion: 91 Resp: 15458
 Ion Ratio Lower Upper
 91 100
 92 55.7 28.4 85.3
 134 28.3 11.1 33.3





#95
 Naphthalene
 Concen: 6.710 ug/l
 RT: 14.53 min Scan# 1410
 Delta R.T. 0.01 min
 Lab File: VF060210.D
 Acq: 7 Sep 2018 15:07

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-MW-E(10-15)

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	9.9	14.9
129	7.9	8.9	13.3

Manual Integrations
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