

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122218\
 Data File : VF061144.D
 Acq On : 22 Dec 2018 15:02
 Operator : VA/AP
 Sample : J6188-03
 Misc : 6.76g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BU-01-122018

Manual Integrations
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 12/26/2018 11:05:13 AM

Quant Time: Dec 24 03:21:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	160983	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.62	114	306267	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.80	117	230329	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.56	152	77402	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	134595	65.01	ug/l	0.03
Spiked Amount 50.000			Recovery	=	130.02%	
35) Dibromofluoromethane	4.14	113	151100	61.59	ug/l	0.03
Spiked Amount 50.000			Recovery	=	123.18%	
50) Toluene-d8	7.57	98	362966	52.21	ug/l	0.02
Spiked Amount 50.000			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	11.43	95	134943	42.10	ug/l	0.02
Spiked Amount 50.000			Recovery	=	84.20%	
Target Compounds						
52) Toluene	7.64	92	10587	2.012	ug/l	93
68) m/p-Xylenes	10.16	106	3582	1.174	ug/l	93
95) Naphthalene	14.47	128	6001	1.805	ug/l	98

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

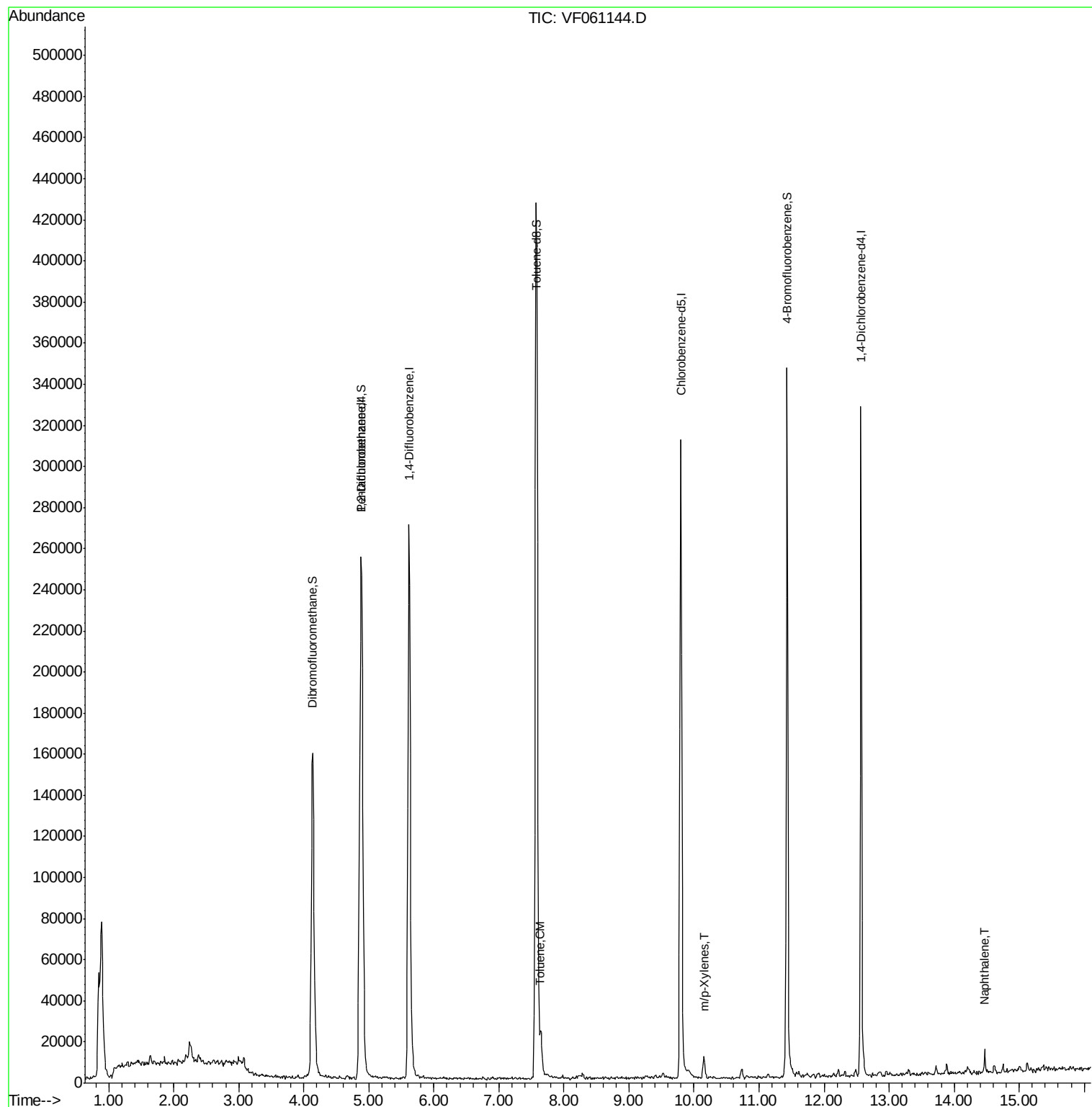
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF122218\
Data File : VF061144.D
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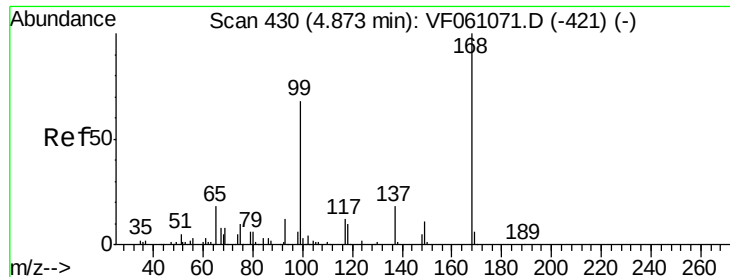
Instrument :
MSVOA_F
ClientSampleId :
BU-01-122018

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Quant Time: Dec 24 03:21:23 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.02 min

Lab File: VF061144.D

Acq: 22 Dec 2018 15:02

Instrument :

MSVOA_F

ClientSampleId :

BU-01-122018

Tgt Ion: 168 Resp: 160983

Ion Ratio Lower Upper

168 100

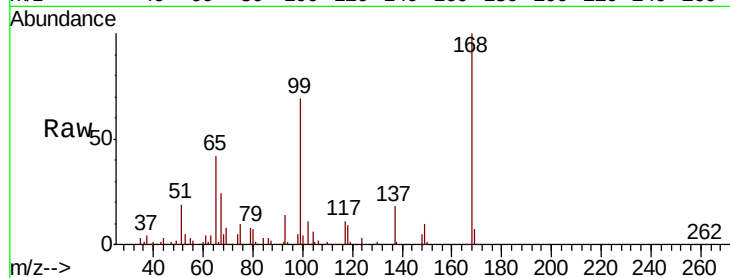
99 68.5 54.4 81.6

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

60000

50000

40000

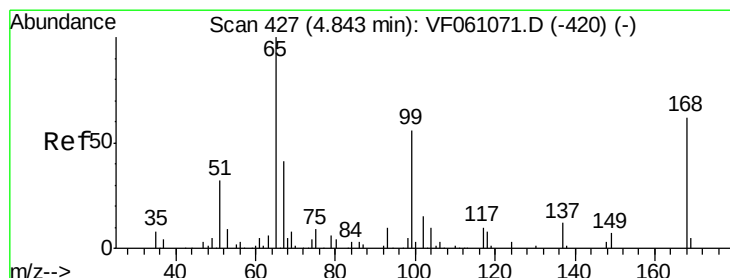
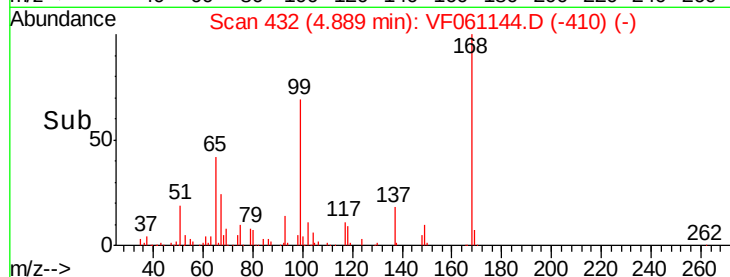
30000

20000

10000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 65.005 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.03 min

Lab File: VF061144.D

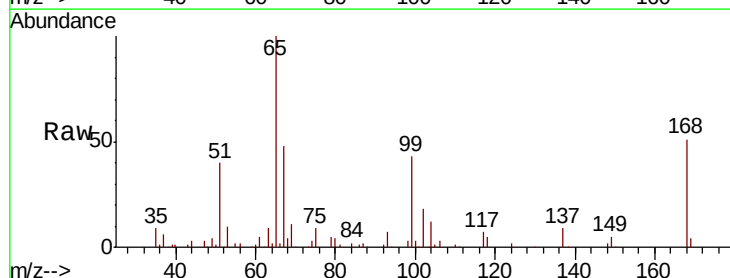
Acq: 22 Dec 2018 15:02

Tgt Ion: 65 Resp: 134595

Ion Ratio Lower Upper

65 100

67 48.3 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.87

50000

40000

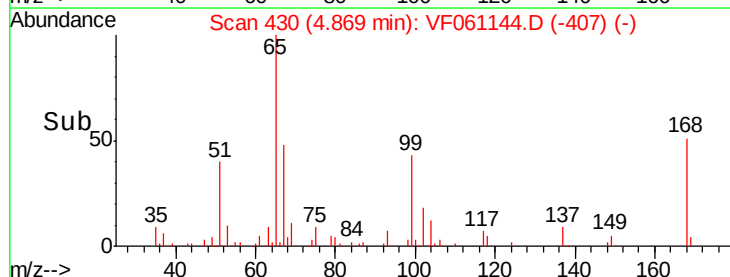
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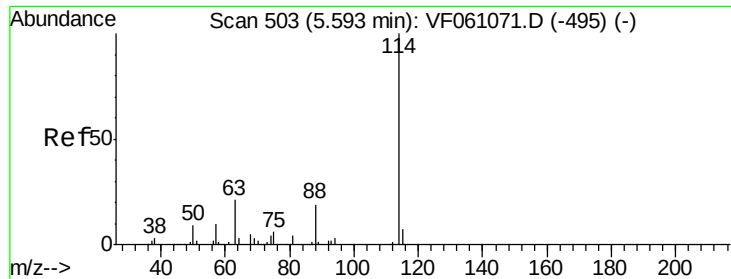
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Time-->





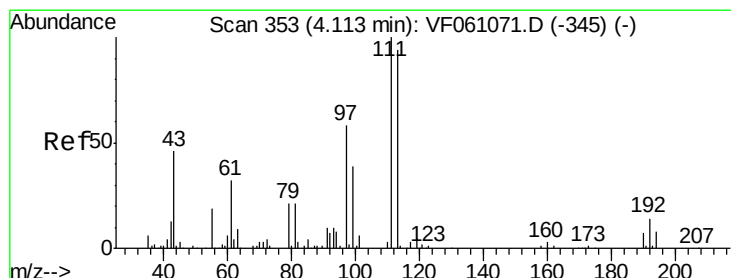
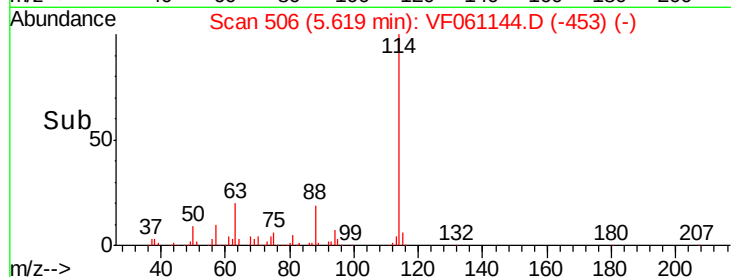
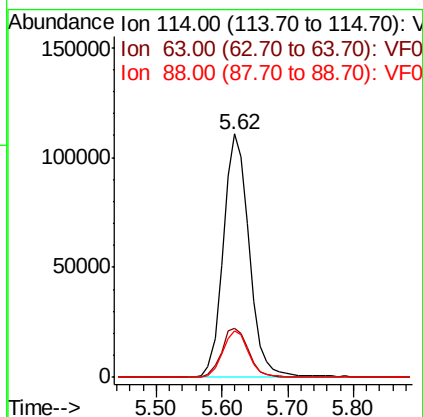
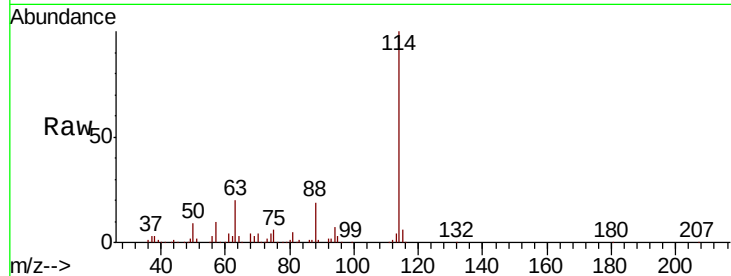
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.62 min Scan# 506
 Delta R.T. 0.03 min
 Lab File: VF061144.D
 Acq: 22 Dec 2018 15:02

Instrument :
 MSVOA_F
 ClientSampled :
 BU-01-122018

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	306267		
63	20.0		0.0	41.6
88	19.1		0.0	38.0

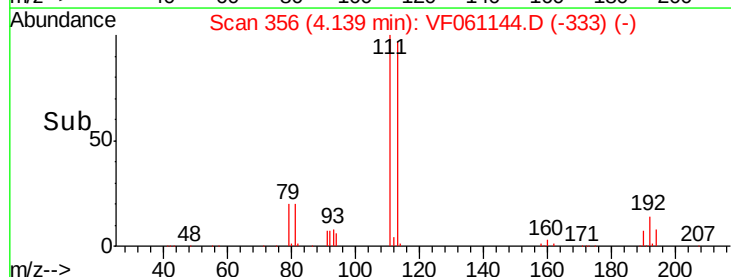
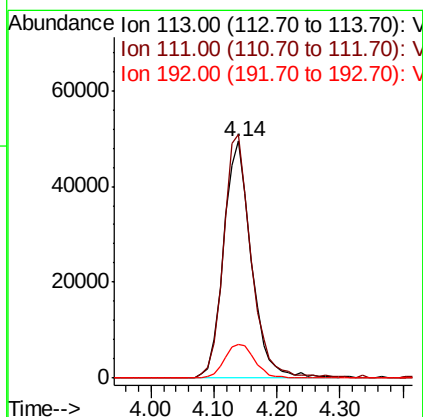
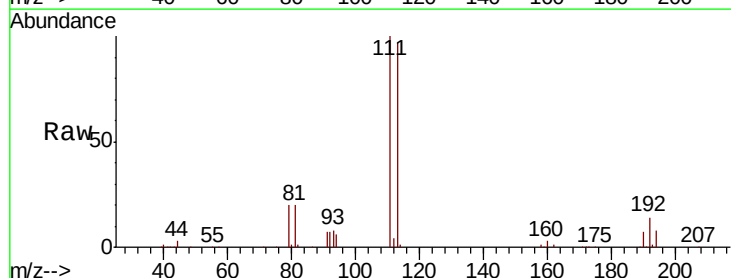
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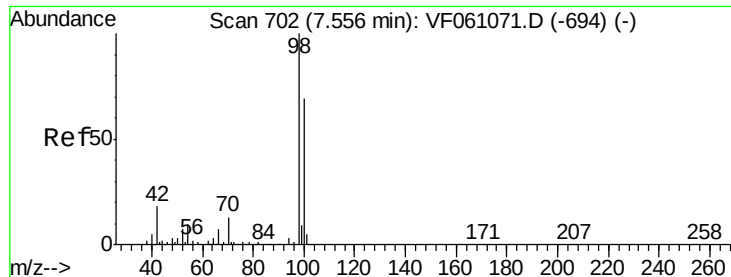
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#35
 Dibromofluoromethane
 Concen: 61.589 ug/l
 RT: 4.14 min Scan# 356
 Delta R.T. 0.03 min
 Lab File: VF061144.D
 Acq: 22 Dec 2018 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	151100		
111	102.9		85.2	127.8
192	15.1		12.8	19.2





#50

Toluene-d8

Concen: 52.206 ug/l

RT: 7.57 min Scan# 704

Delta R.T. 0.02 min

Lab File: VF061144.D

Acq: 22 Dec 2018 15:02

Instrument :

MSVOA_F

ClientSampleId :

BU-01-122018

Tgt Ion: 98 Resp: 362966

Ion Ratio Lower Upper

98 100

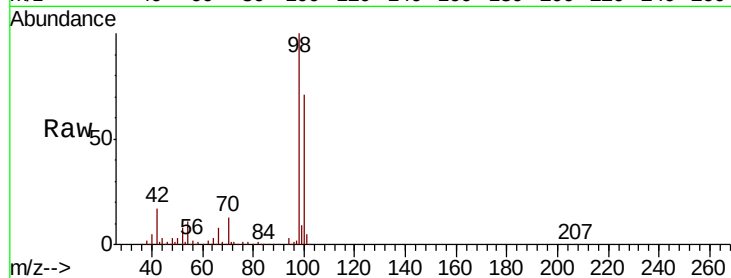
100 71.3 55.3 82.9

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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

150000

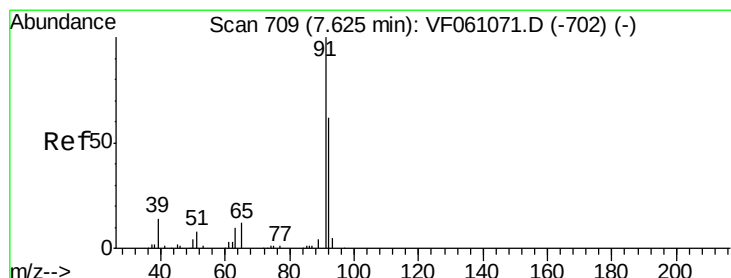
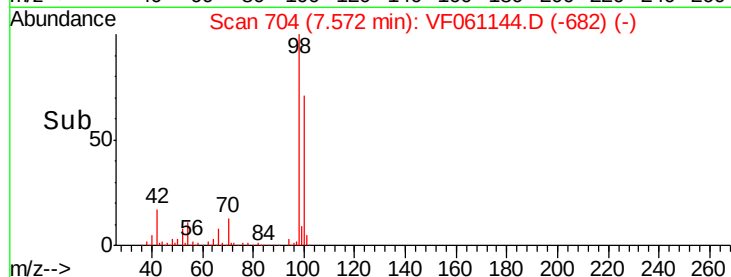
100000

50000

0

7.40 7.50 7.60 7.70 7.80

Time-->



#52

Toluene

Concen: 2.012 ug/l

RT: 7.64 min Scan# 711

Delta R.T. 0.02 min

Lab File: VF061144.D

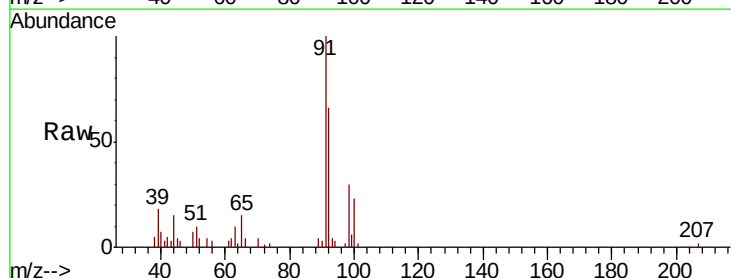
Acq: 22 Dec 2018 15:02

Tgt Ion: 92 Resp: 10587

Ion Ratio Lower Upper

92 100

91 151.4 128.8 193.2



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

8000

6000

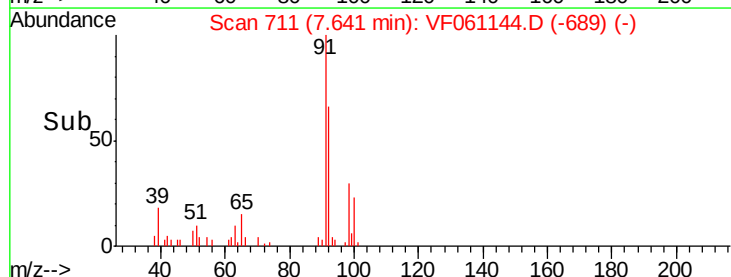
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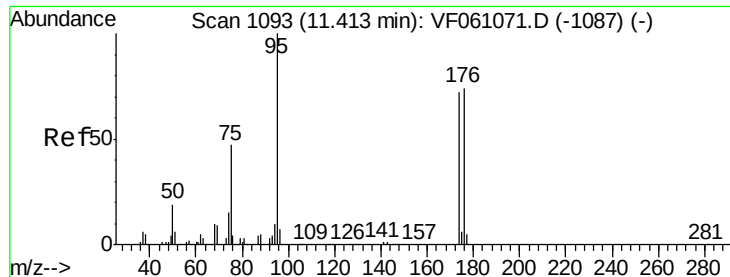
2000

0

7.55 7.60 7.65 7.70 7.75

Time-->





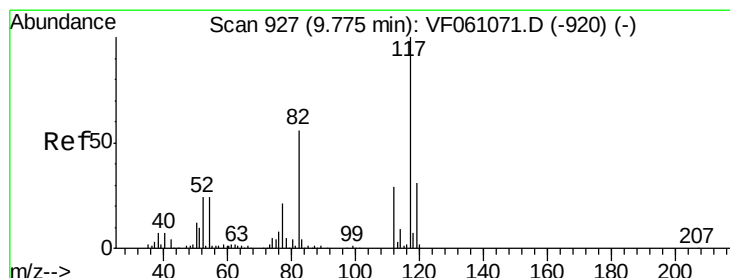
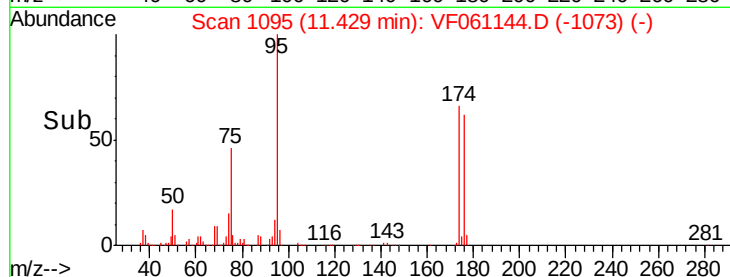
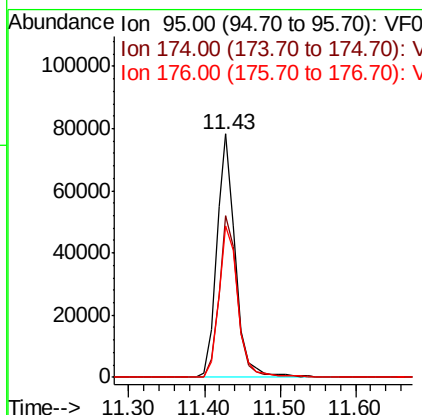
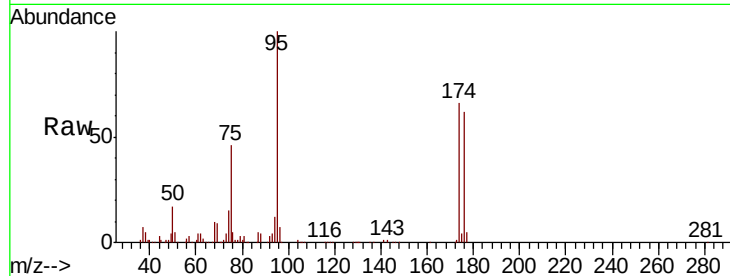
#62
4-Bromofluorobenzene
Concen: 42.101 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. 0.02 min
Lab File: VF061144.D
Acq: 22 Dec 2018 15:02

Instrument :
MSVOA_F
ClientSampleId :
BU-01-122018

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	134943		
174	66.2	0.0	143.8	
176	62.3	0.0	147.6	

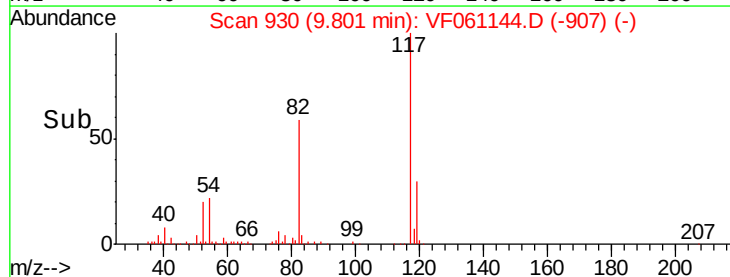
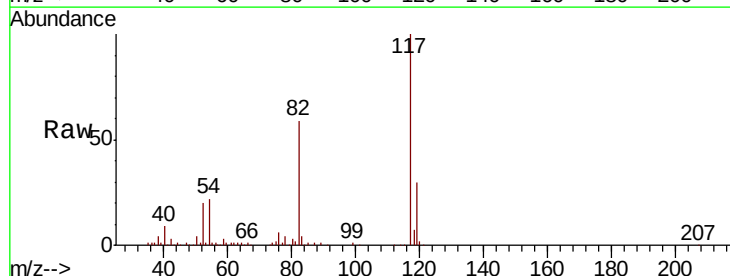
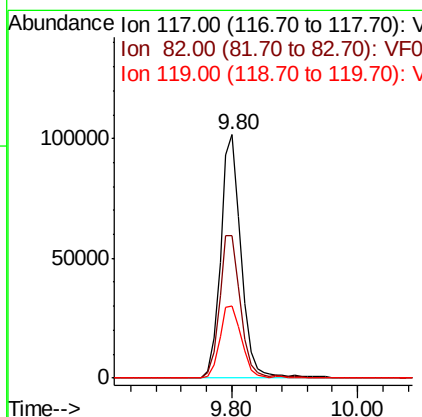
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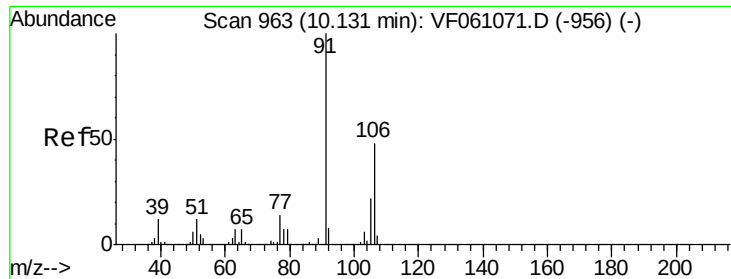
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 930
Delta R.T. 0.03 min
Lab File: VF061144.D
Acq: 22 Dec 2018 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	230329		
82	58.7	45.0	67.4	
119	29.8	24.8	37.2	





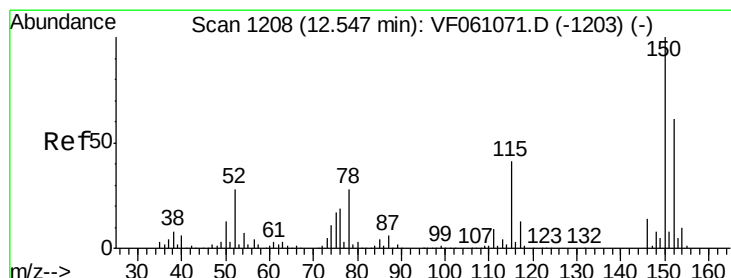
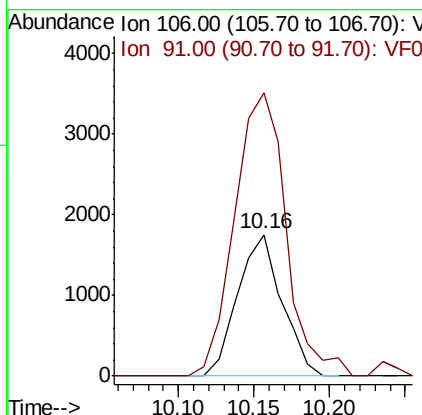
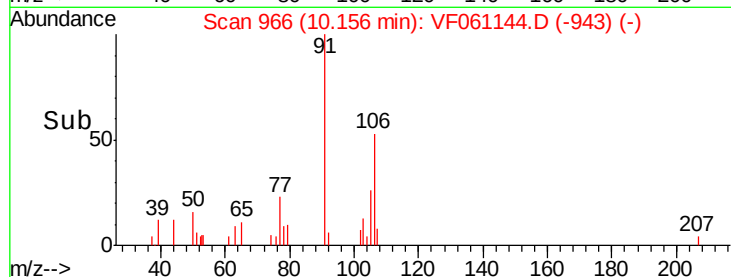
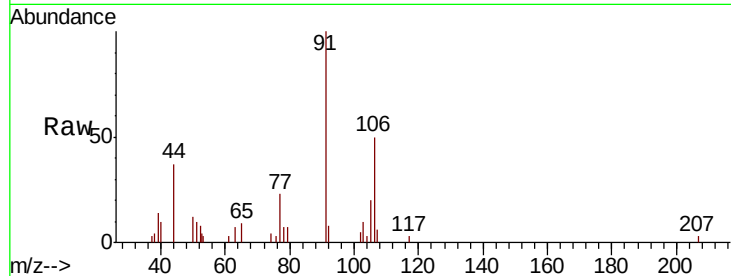
#68
m/p-Xylenes
Concen: 1.174 ug/l
RT: 10.16 min Scan# 966
Delta R.T. 0.03 min
Lab File: VF061144.D
Acq: 22 Dec 2018 15:02

Instrument :
MSVOA_F
ClientSampleId :
BU-01-122018

Tgt Ion:106 Resp: 3582
Ion Ratio Lower Upper
106 100
91 199.8 168.2 252.2

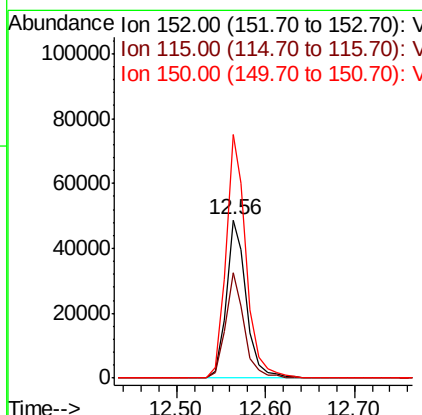
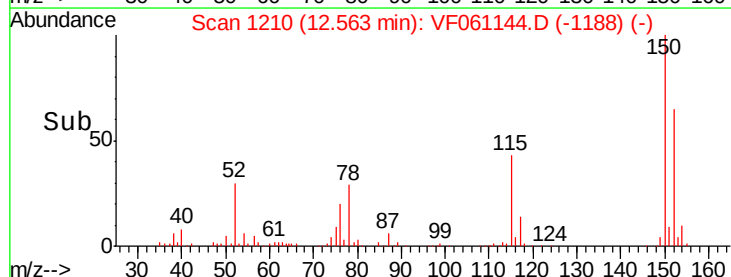
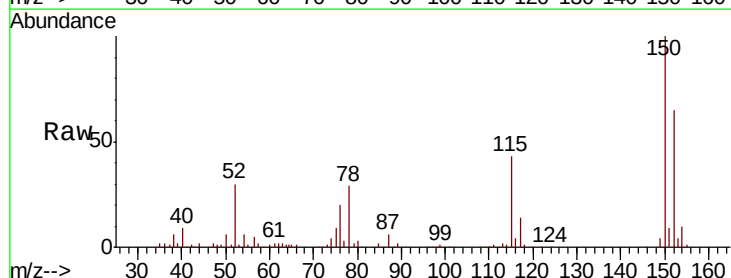
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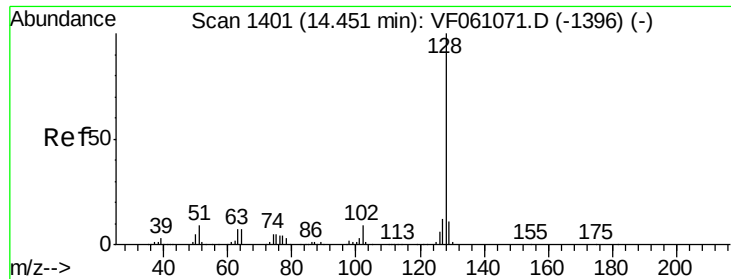
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.02 min
Lab File: VF061144.D
Acq: 22 Dec 2018 15:02

Tgt Ion:152 Resp: 77402
Ion Ratio Lower Upper
152 100
115 66.8 33.3 99.9
150 154.2 0.0 328.2





#95
 Naphthalene
 Concen: 1.805 ug/l
 RT: 14.47 min Scan# 1403
 Delta R.T. 0.02 min
 Lab File: VF061144.D
 Acq: 22 Dec 2018 15:02

Instrument :
 MSVOA_F
 ClientSampleId :
 BU-01-122018

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	10.9	9.4	14.2
129	11.7	8.8	13.2

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