

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
 Data File : VF060928.D
 Acq On : 6 Dec 2018 20:29
 Operator : VA/AP
 Sample : J6214-23
 Misc : 4.45g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-3-(0-2)

Manual Integrations
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Quant Time: Dec 07 00:39:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	164039	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.60	114	268526	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.78	117	202042	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	66034	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	92860	48.05	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	96.10%	
35) Dibromofluoromethane	4.11	113	91768	43.08	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	86.16%	
50) Toluene-d8	7.55	98	209230	33.34	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	66.68%	
62) 4-Bromofluorobenzene	11.41	95	71041	24.91	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	49.82%	
Target Compounds						
20) Methylene Chloride	2.26	84	6157m	4.710	ug/l	Qvalue

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

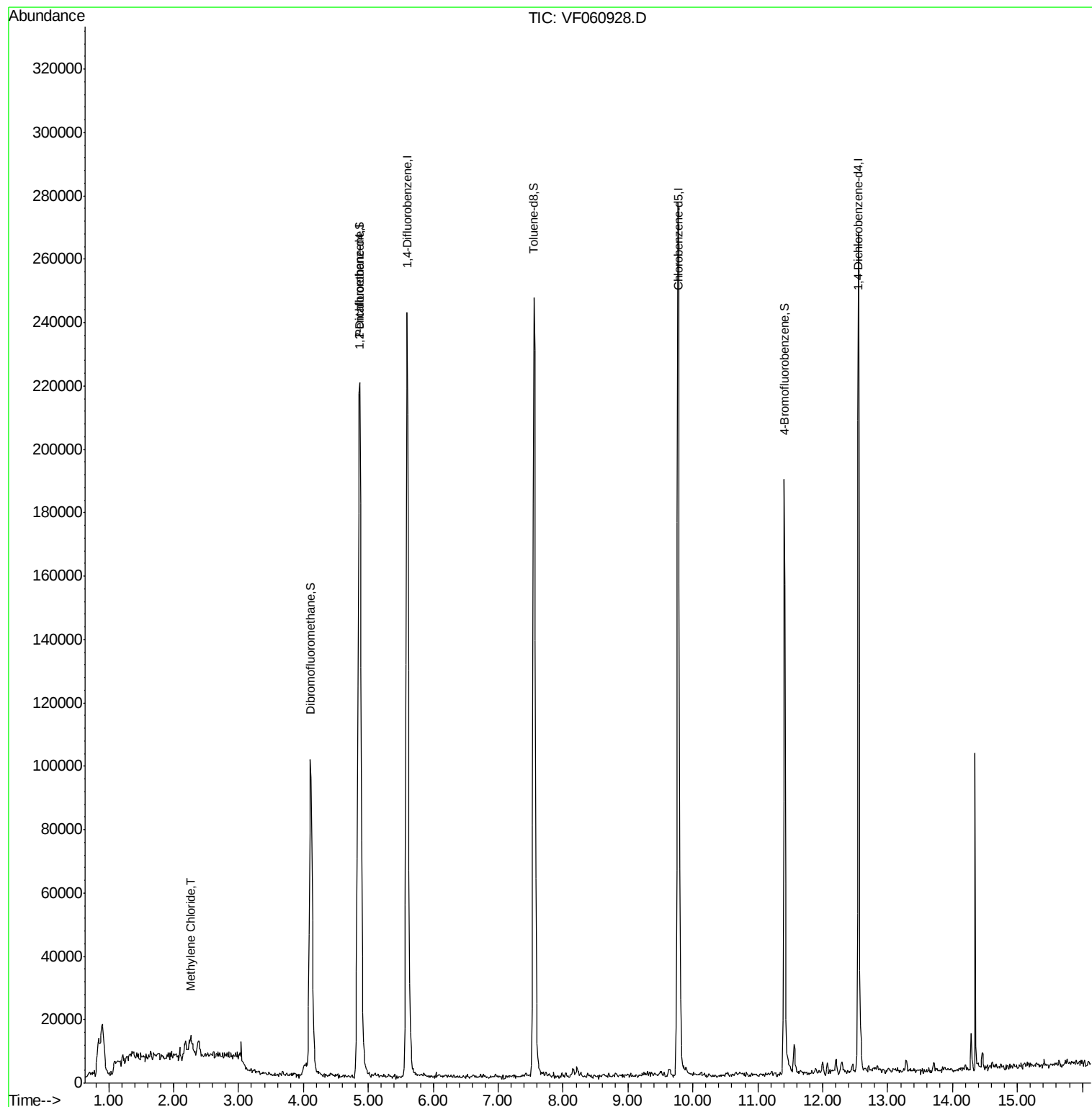
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF120618\
Data File : VF060928.D
Acq On : 6 Dec 2018 20:29
Operator : VA/AP
Sample : J6214-23
Misc : 4.45g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

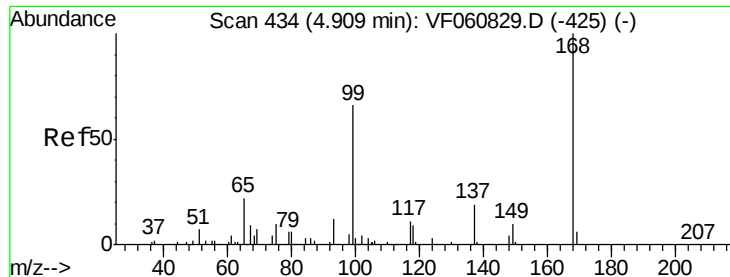
Instrument :
MSVOA_F
ClientSampleId :
SB-3-(0-2)

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Quant Time: Dec 07 00:39:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.04 min

Lab File: VF060928.D

Acq: 6 Dec 2018 20:29

Instrument :

MSVOA_F

ClientSampleId :

SB-3-(0-2)

Tot Ion:168 Resp: 164039

Ion Ratio Lower Upper

168 100

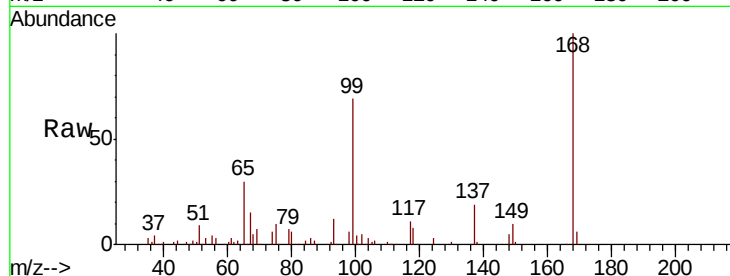
99 69.4 52.6 79.0

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

60000

50000

40000

30000

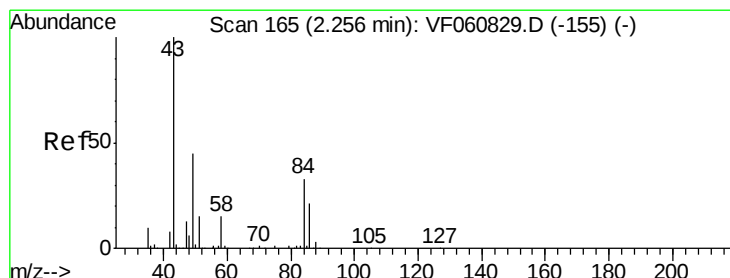
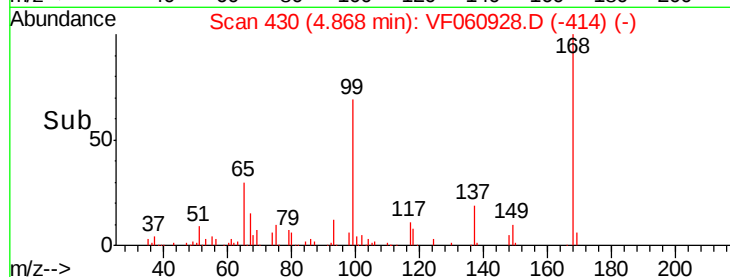
20000

10000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 4.710 ug/l m

RT: 2.26 min Scan# 166

Delta R.T. 0.01 min

Lab File: VF060928.D

Acq: 6 Dec 2018 20:29

Tgt Ion: 84 Resp: 6157

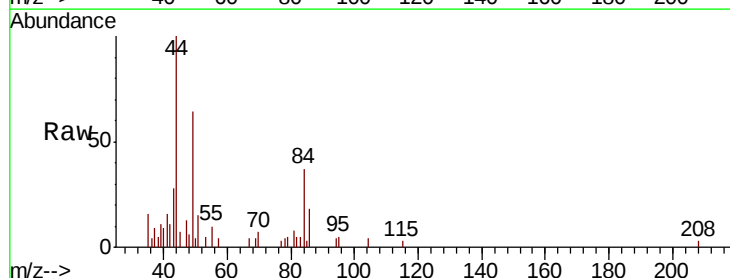
Ion Ratio Lower Upper

84 100

49 174.0 111.3 166.9#

51 39.3 38.0 57.0

86 50.0 49.8 74.8



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

3000

2500

2000

1500

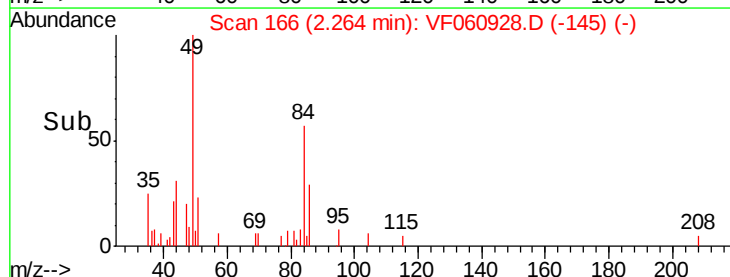
1000

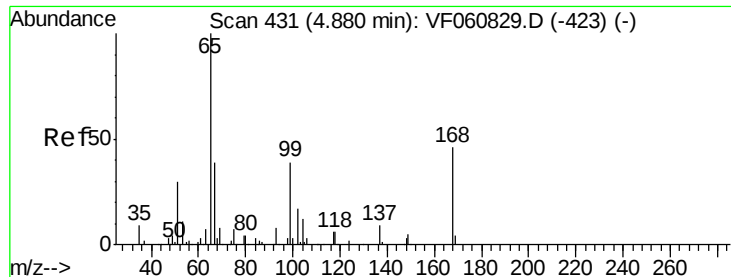
500

0

Time-->

2.10 2.20 2.30 2.40





#33

1,2-Dichloroethane-d4

Concen: 48.053 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF060928.D

Acq: 6 Dec 2018 20:29

Instrument :

MSVOA_F

ClientSampleId :

SB-3-(0-2)

Tot Ion: 65 Resp: 92860

Ion Ratio Lower Upper

65 100

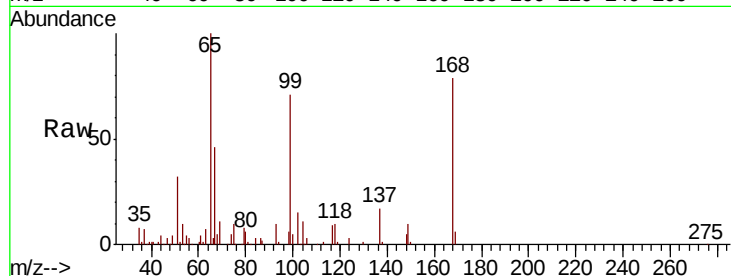
67 46.5 0.0 96.4

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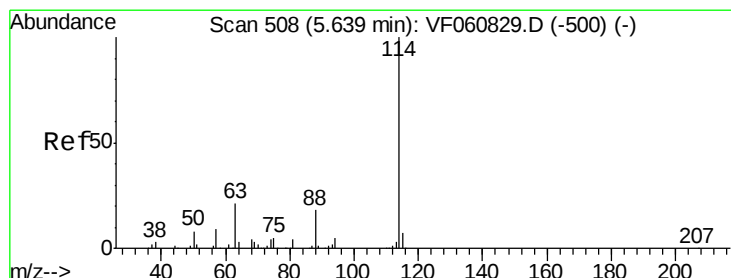
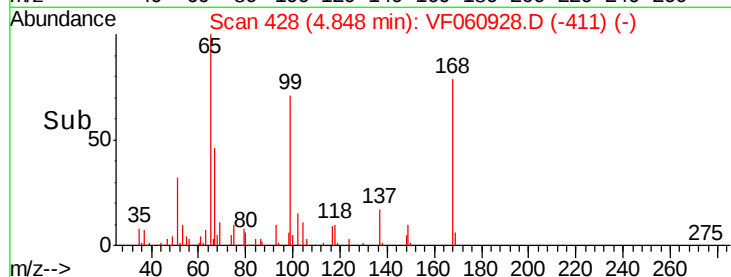
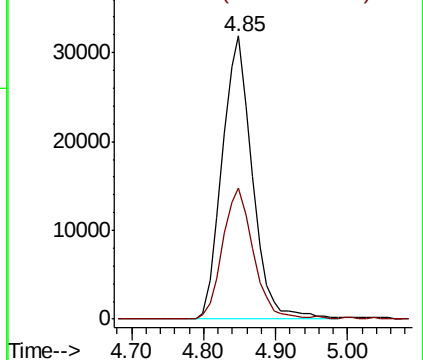
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.04 min

Lab File: VF060928.D

Acq: 6 Dec 2018 20:29

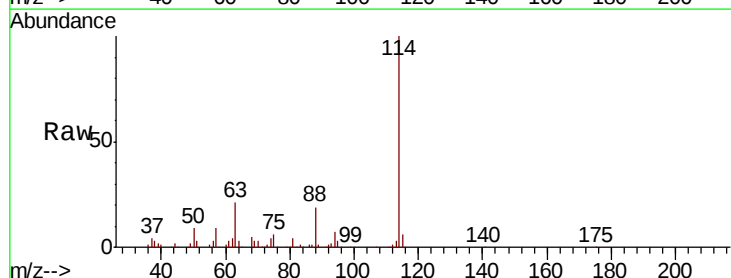
Tgt Ion: 114 Resp: 268526

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.6

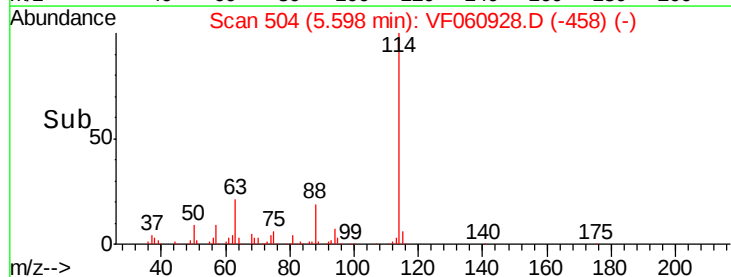
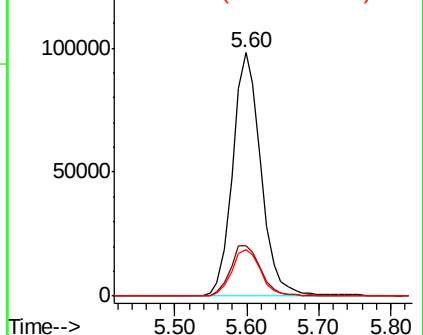
88 19.3 0.0 36.6

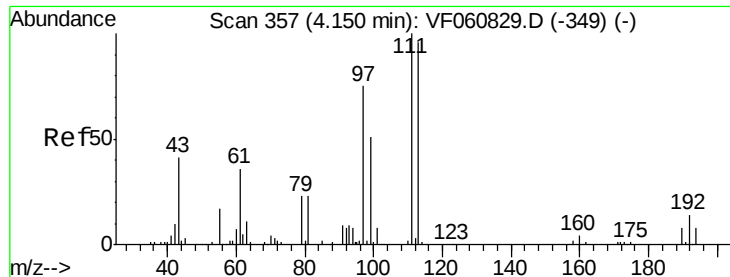


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





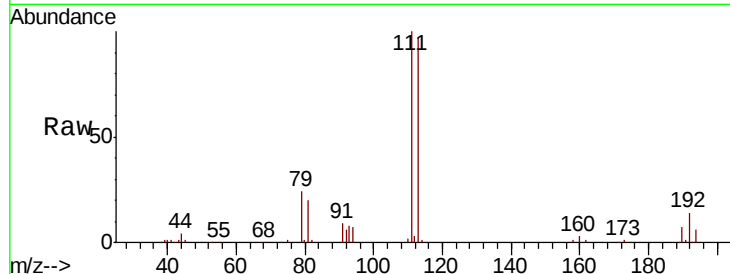
#35
Dibromofluoromethane
Concen: 43.078 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.04 min
Lab File: VF060928.D
Acq: 6 Dec 2018 20:29

Instrument :
MSVOA_F
ClientSampleId :
SB-3-(0-2)

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.0	124.6
192	14.4	12.3	18.5

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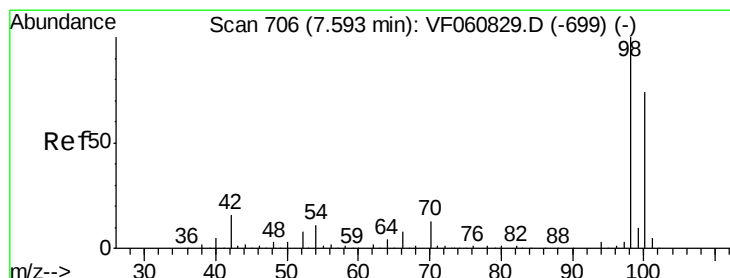
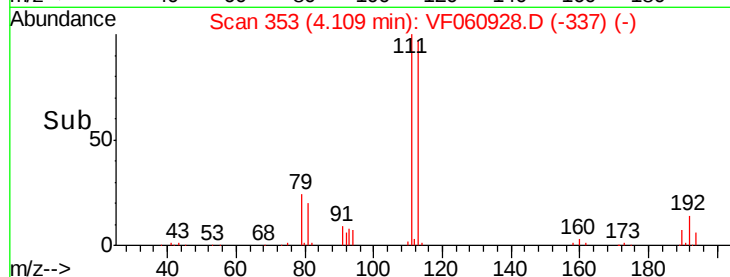
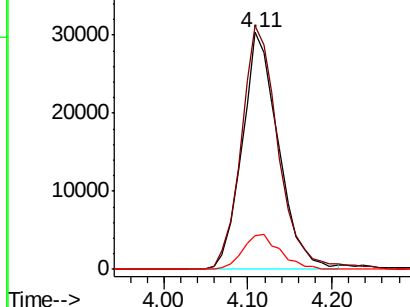


Abundance

Ion 113.00 (112.70 to 113.70): V

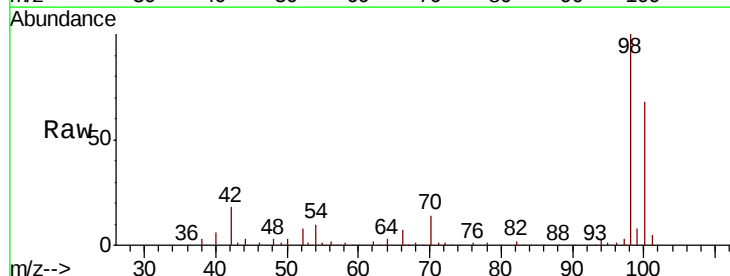
Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#50
Toluene-d8
Concen: 33.342 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060928.D
Acq: 6 Dec 2018 20:29

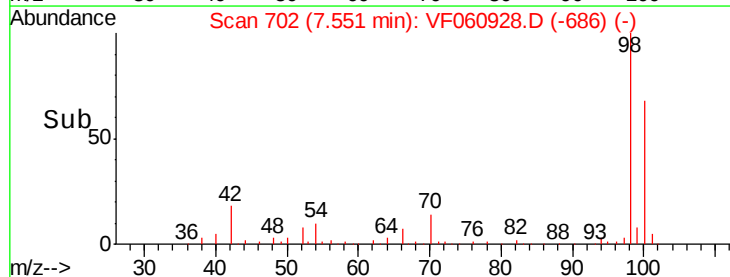
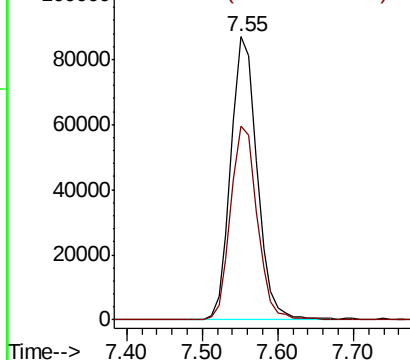
Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.3	59.3	88.9

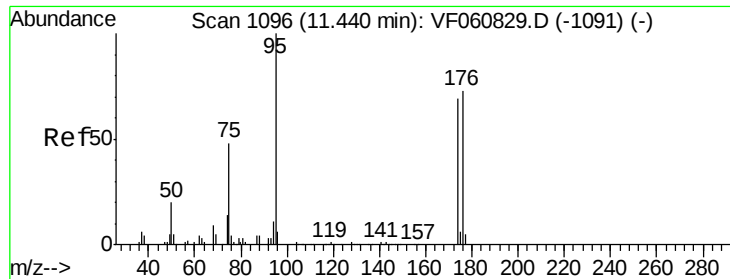


Abundance

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





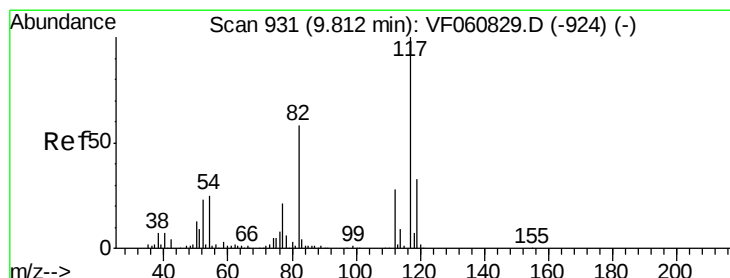
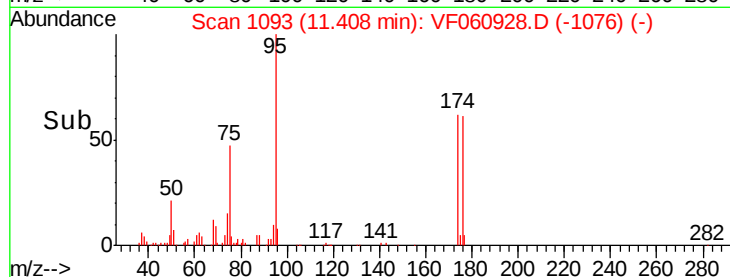
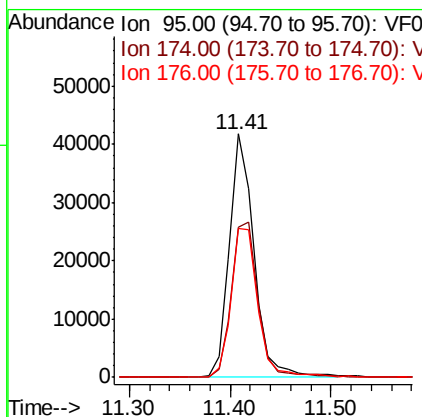
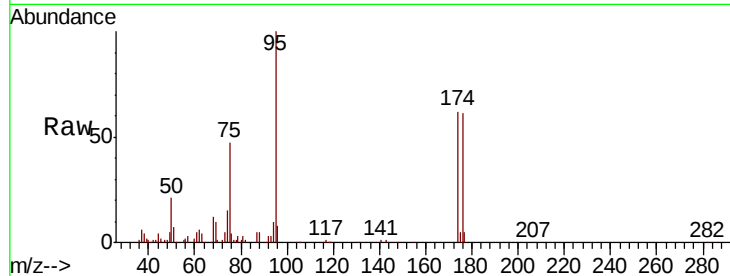
#62
4-Bromofluorobenzene
Concen: 24.909 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060928.D
Acq: 6 Dec 2018 20:29

Instrument :
MSVOA_F
ClientSampleId :
SB-3-(0-2)

Tot Ion	Ratio	Lower	Upper
95	100		
174	61.6	0.0	138.2
176	61.2	0.0	146.2

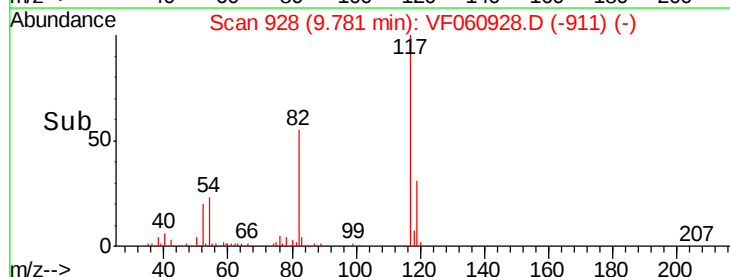
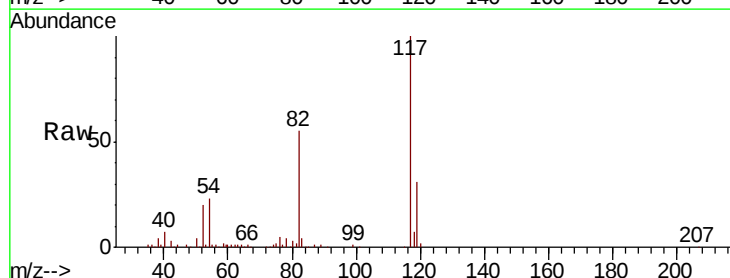
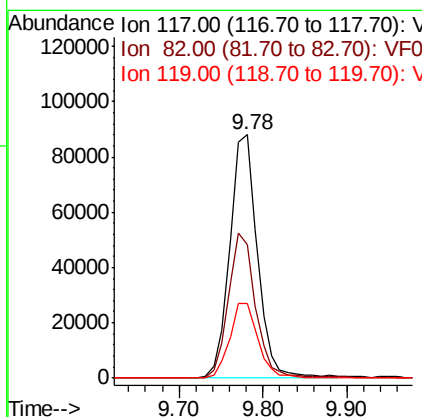
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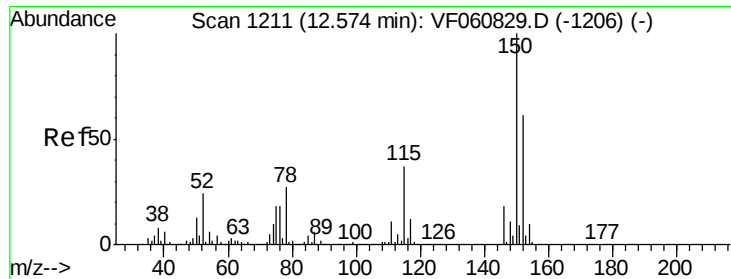
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.03 min
Lab File: VF060928.D
Acq: 6 Dec 2018 20:29

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.8	46.6	69.8
119	30.7	26.4	39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. -0.02 min

Lab File: VF060928.D

Acq: 6 Dec 2018 20:29

Instrument :

MSVOA_F

ClientSampleId :

SB-3-(0-2)

Tot Ion:152 Resp: 66034

Ion Ratio Lower Upper

152 100

115 57.0 30.1 90.5

150 153.4 0.0 327.6

Manual Integrations

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