

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121118\
 Data File : VF060977.D
 Acq On : 11 Dec 2018 15:34
 Operator : VA/AP
 Sample : J6197-01
 Misc : 6.62g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-02-120718

Manual Integrations
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 12/12/2018 1:27:58 PM

Quant Time: Dec 12 06:50:38 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	211634	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.60	114	386449	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.79	117	306541	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.56	152	115998	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	113911	45.69	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	91.38%	
35) Dibromofluoromethane	4.12	113	120805	39.40	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	78.80%	
50) Toluene-d8	7.56	98	287153	31.80	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	63.60%	
62) 4-Bromofluorobenzene	11.41	95	123748	30.15	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	60.30%	
Target Compounds						
16) Acetone	2.25	43	19119	41.586	ug/l	93
20) Methylene Chloride	2.24	84	7209m	4.274	ug/l	

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

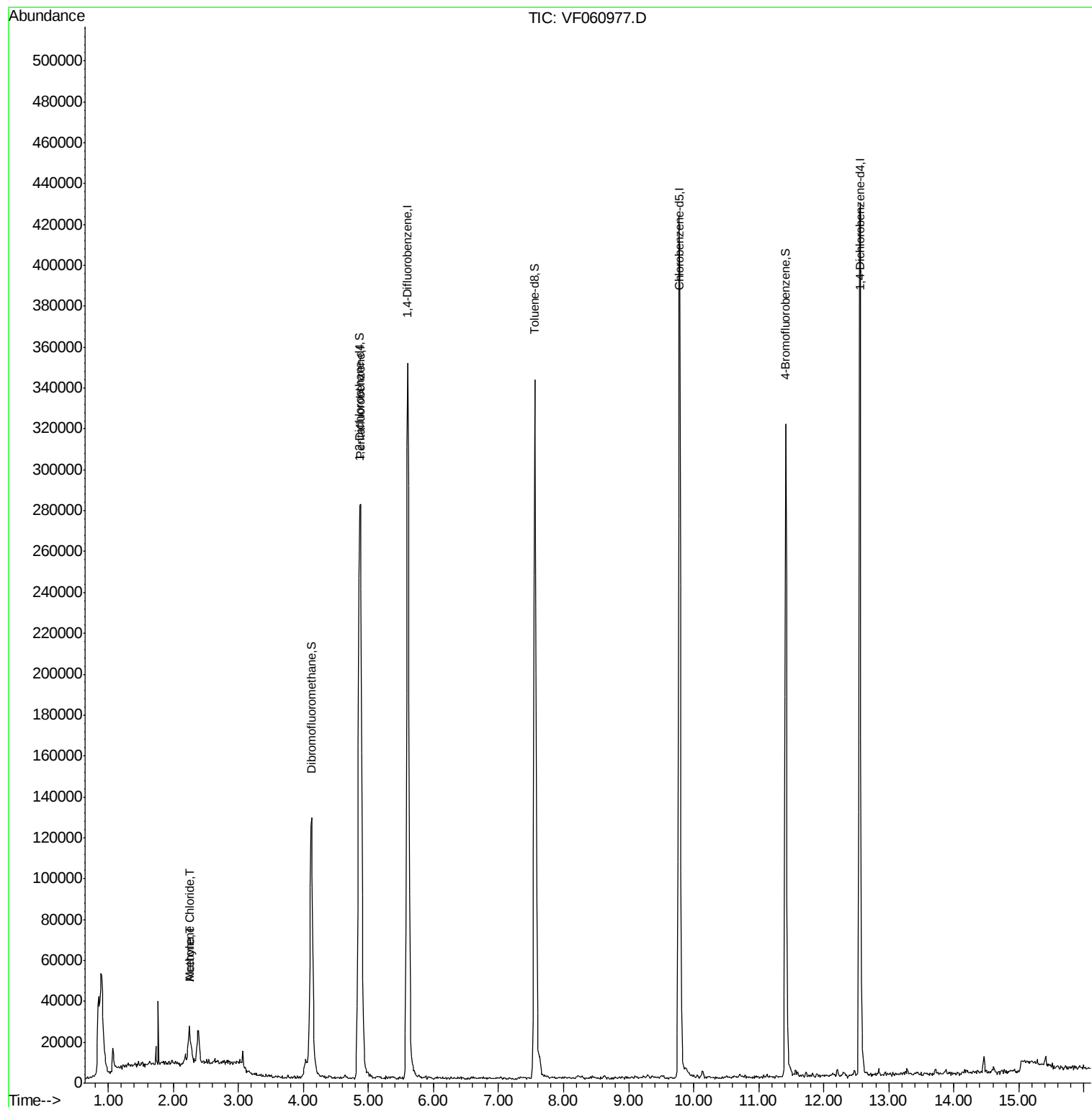
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF121118\
Data File : VF060977.D
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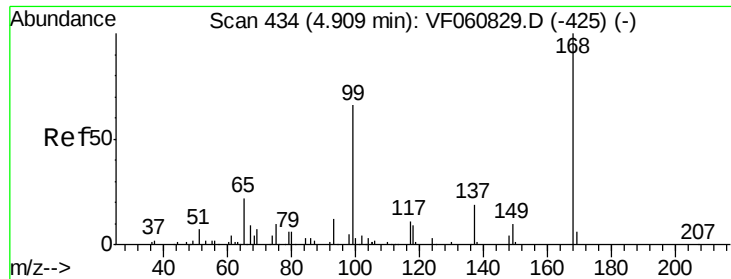
Instrument :
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ClientSampleId :
PL-02-120718

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Quant Time: Dec 12 06:50:38 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: VF060977.D

Acq: 11 Dec 2018 15:34

Instrument :

MSVOA_F

ClientSampleId :

PL-02-120718

Tot Ion:168 Resp: 211634

Ion Ratio Lower Upper

168 100

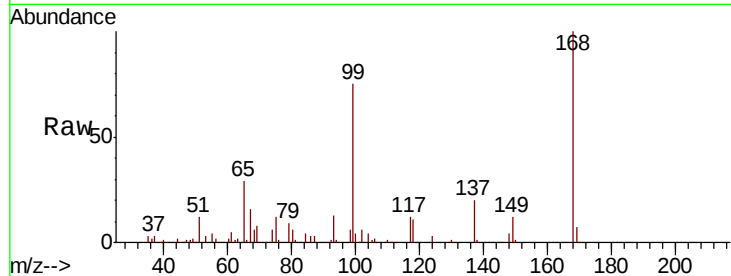
99 74.9 52.6 79.0

Manual Integrations

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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

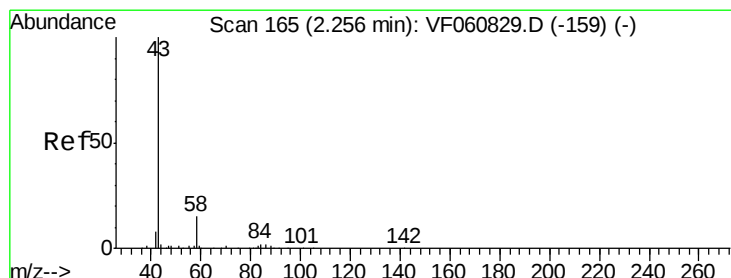
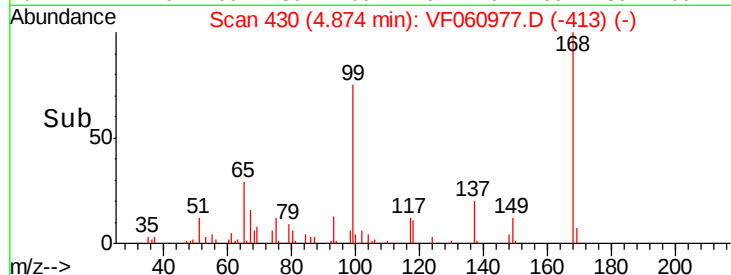
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 41.586 ug/l

RT: 2.25 min Scan# 164

Delta R.T. -0.01 min

Lab File: VF060977.D

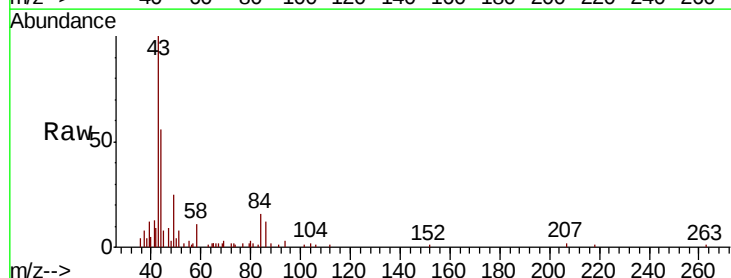
Acq: 11 Dec 2018 15:34

Tgt Ion: 43 Resp: 19119

Ion Ratio Lower Upper

43 100

58 11.5 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.25

8000

6000

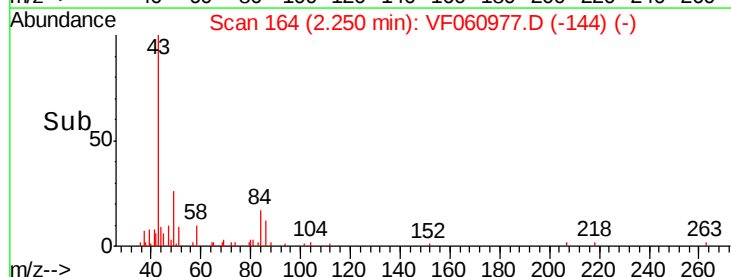
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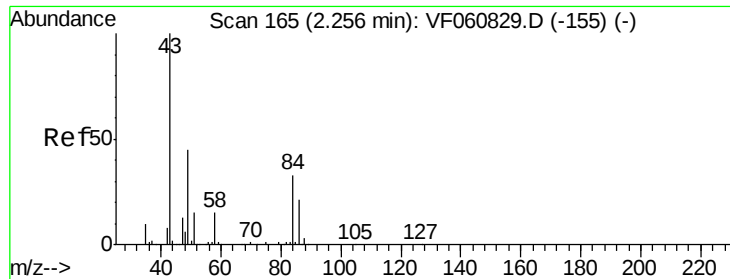
2000

0

Time-->

2.20 2.30





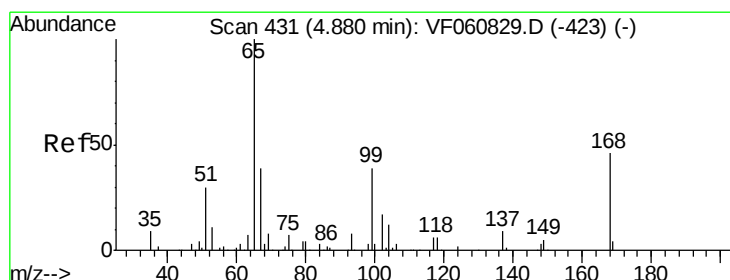
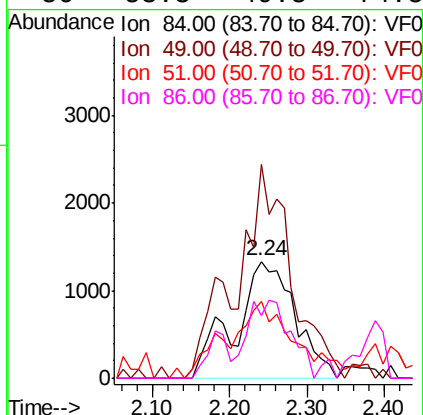
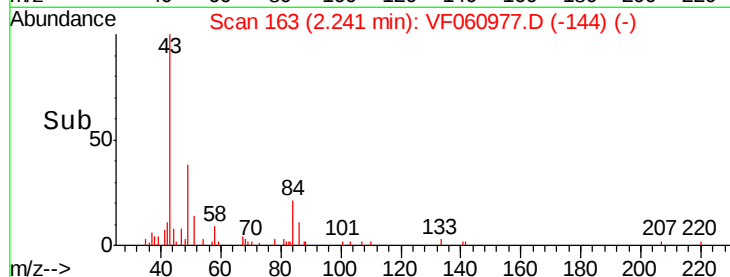
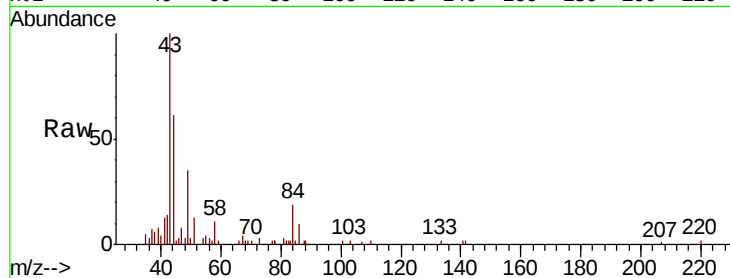
#20
Methvlene Chloride
Concen: 4.274 ug/l m
RT: 2.24 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Instrument :
MSVOA_F
ClientSampleId :
PL-02-120718

Tot Ion	Ratio	Lower	Upper
84	100		
49	183.0	111.3	166.9#
51	66.2	38.0	57.0#
86	53.3	49.8	74.8

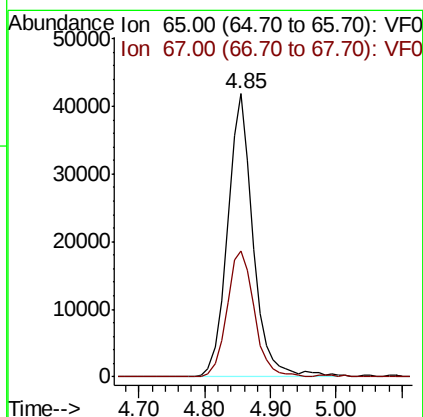
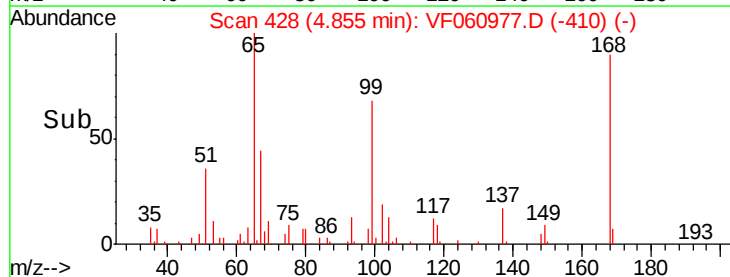
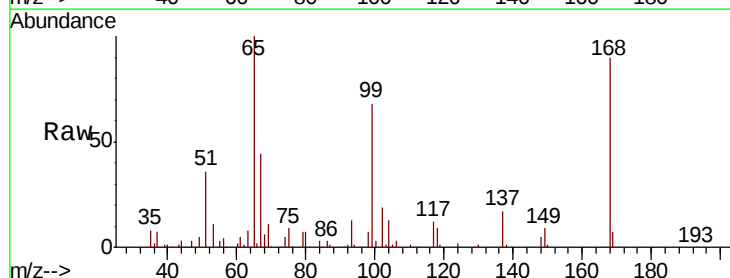
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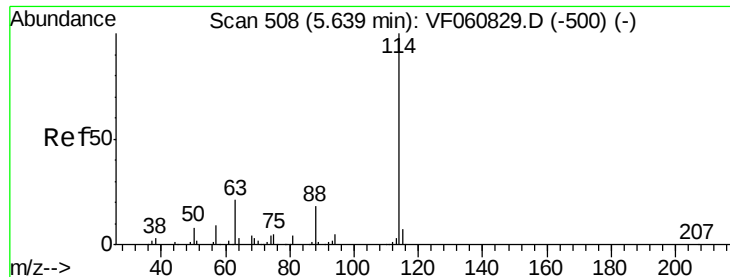
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#33
1,2-Dichloroethane-d4
Concen: 45.690 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.03 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Tgt Ion	Ratio	Lower	Upper
65	100		
67	44.4	0.0	96.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.04 min

Lab File: VF060977.D

Acq: 11 Dec 2018 15:34

Instrument :

MSVOA_F

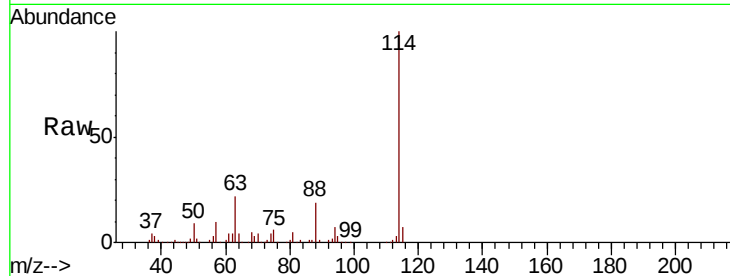
ClientSampleId :

PL-02-120718

Tot Ion	Ratio	Resp	Lower	Upper
114	100	386449		
63	21.8	0.0	41.6	
88	19.4	0.0	36.6	

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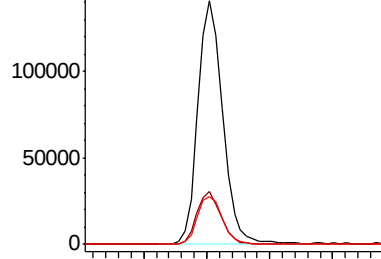
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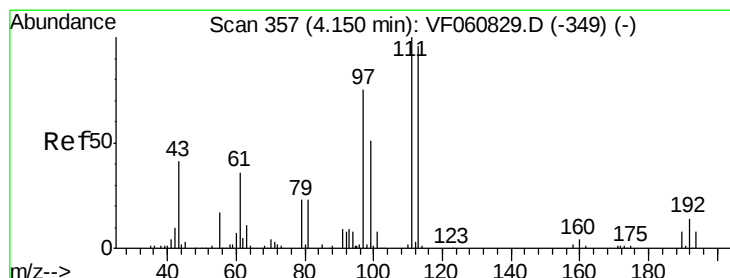
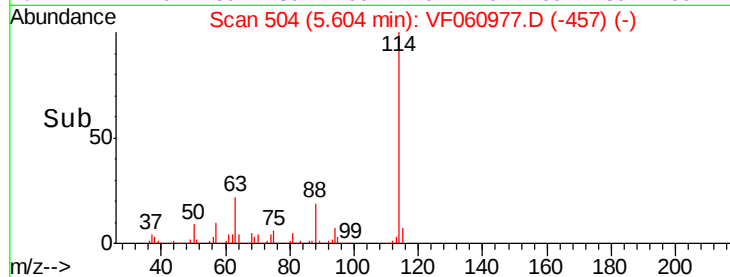
Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



Time-->



#35

Dibromofluoromethane

Concen: 39.404 ug/l

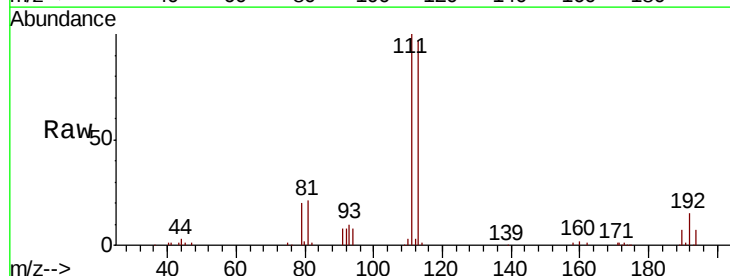
RT: 4.12 min Scan# 354

Delta R.T. -0.03 min

Lab File: VF060977.D

Acq: 11 Dec 2018 15:34

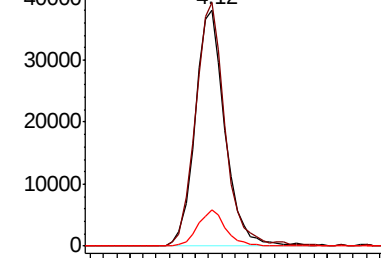
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	120805		
111	103.0	83.0	124.6	
192	15.4	12.3	18.5	



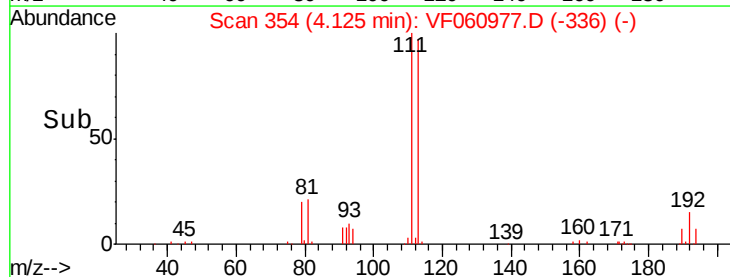
Abundance Ion 113.00 (112.70 to 113.70): V

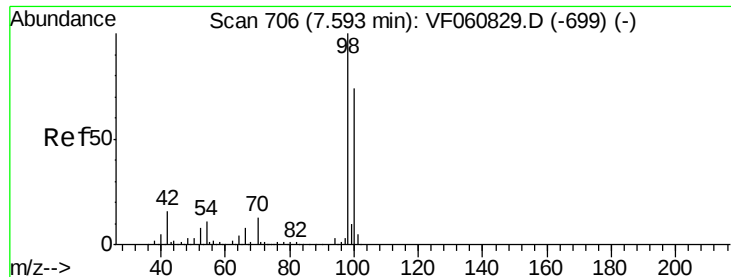
Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



Time-->





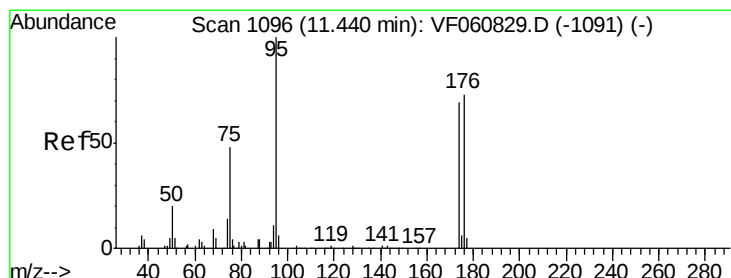
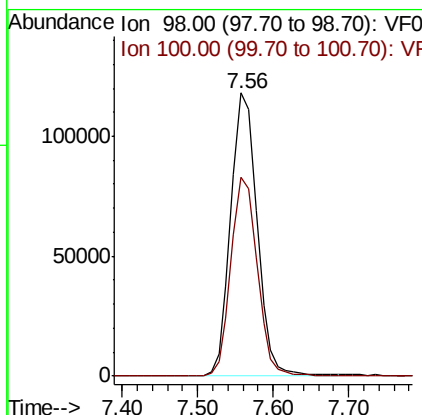
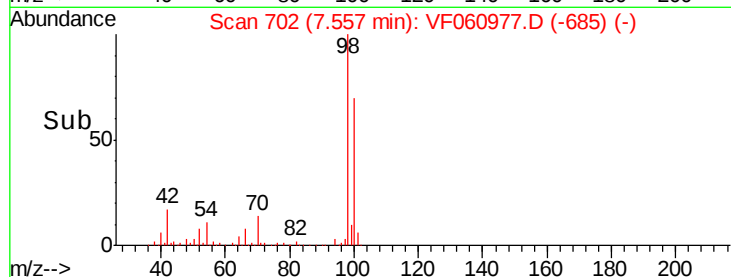
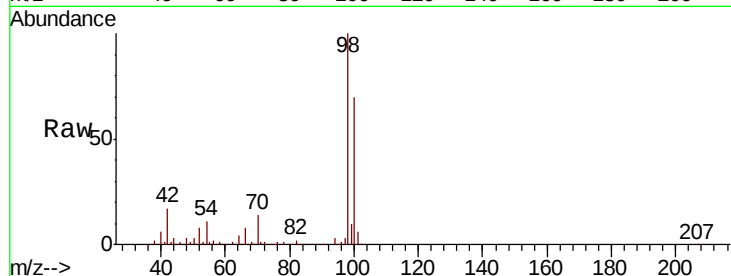
#50
Toluene-d8
Concen: 31.797 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Instrument :
MSVOA_F
ClientSampleId :
PL-02-120718

Tot Ion	Ratio	Lower	Upper
98	100		
100	70.5	59.3	88.9

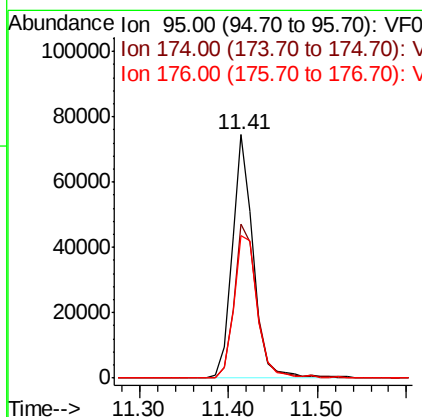
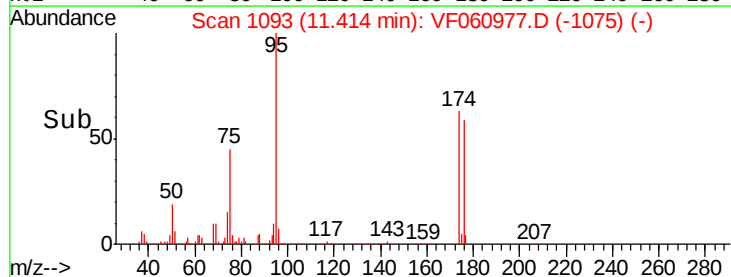
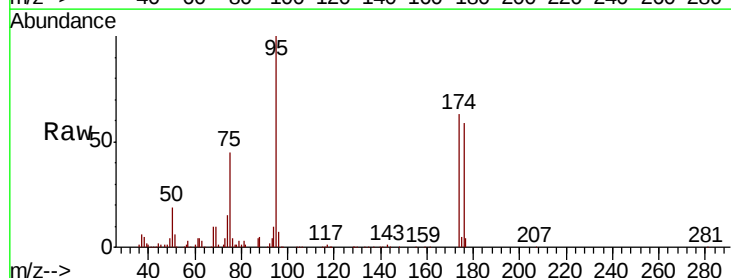
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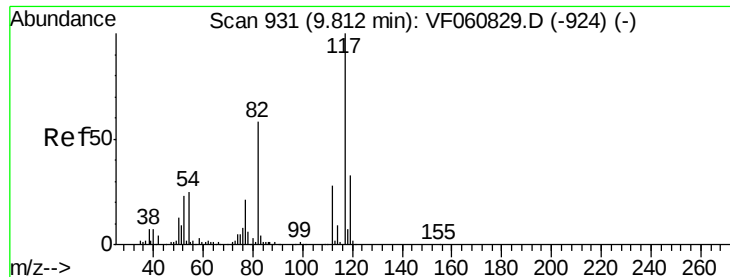
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#62
4-Bromofluorobenzene
Concen: 30.150 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Tgt Ion	Ratio	Lower	Upper
95	100		
174	63.4	0.0	138.2
176	58.6	0.0	146.2





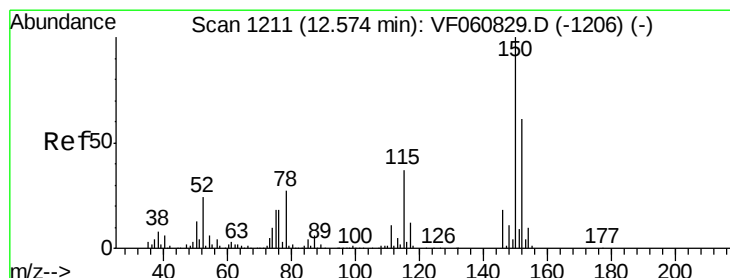
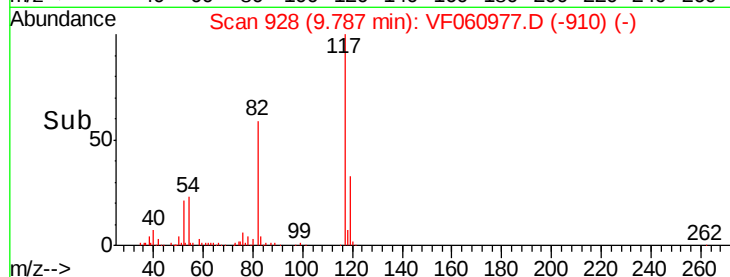
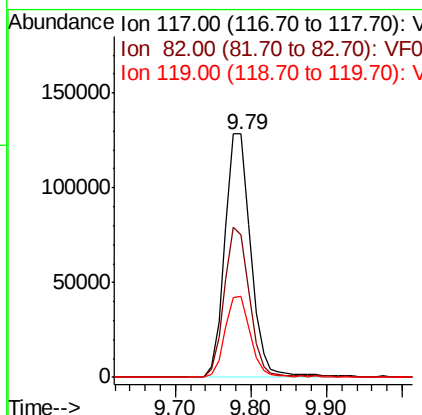
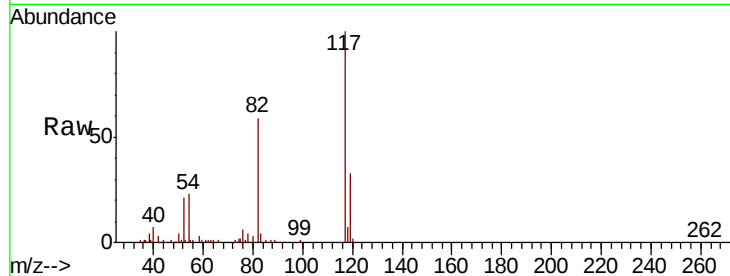
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 928
Delta R.T. -0.03 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Instrument :
MSVOA_F
ClientSampleId :
PL-02-120718

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.6	69.8
119	33.3	26.4	39.6

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF060977.D
Acq: 11 Dec 2018 15:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	30.1	90.5
150	155.9	0.0	327.6

