

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF112918\
 Data File : VF060877.D
 Acq On : 29 Nov 2018 20:11
 Operator : VA/AP
 Sample : J5765-05
 Misc : 7.4u/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-07-112918

Manual Integrations
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Quant Time: Nov 30 06:34:35 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	4.88	168	194818	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.60	114	328520	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.78	117	286350	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	125279	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	103462	45.08	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	90.16%	
35) Dibromofluoromethane	4.12	113	119133	45.71	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	91.42%	
50) Toluene-d8	7.56	98	285663	37.21	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	74.42%	
62) 4-Bromofluorobenzene	11.42	95	124639	35.72	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	71.44%	
Target Compounds						
16) Acetone	2.23	43	16589	39.198	ug/l	97
20) Methylene Chloride	2.18	84	5860m	3.774	ug/l	
39) Methylcyclohexane	5.47	83	5401	1.414	ug/l	90
68) m/p-Xylenes	10.14	106	4136	1.109	ug/l	82
84) 1,2,4-Trimethylbenzene	12.21	105	16689	2.081	ug/l	89

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

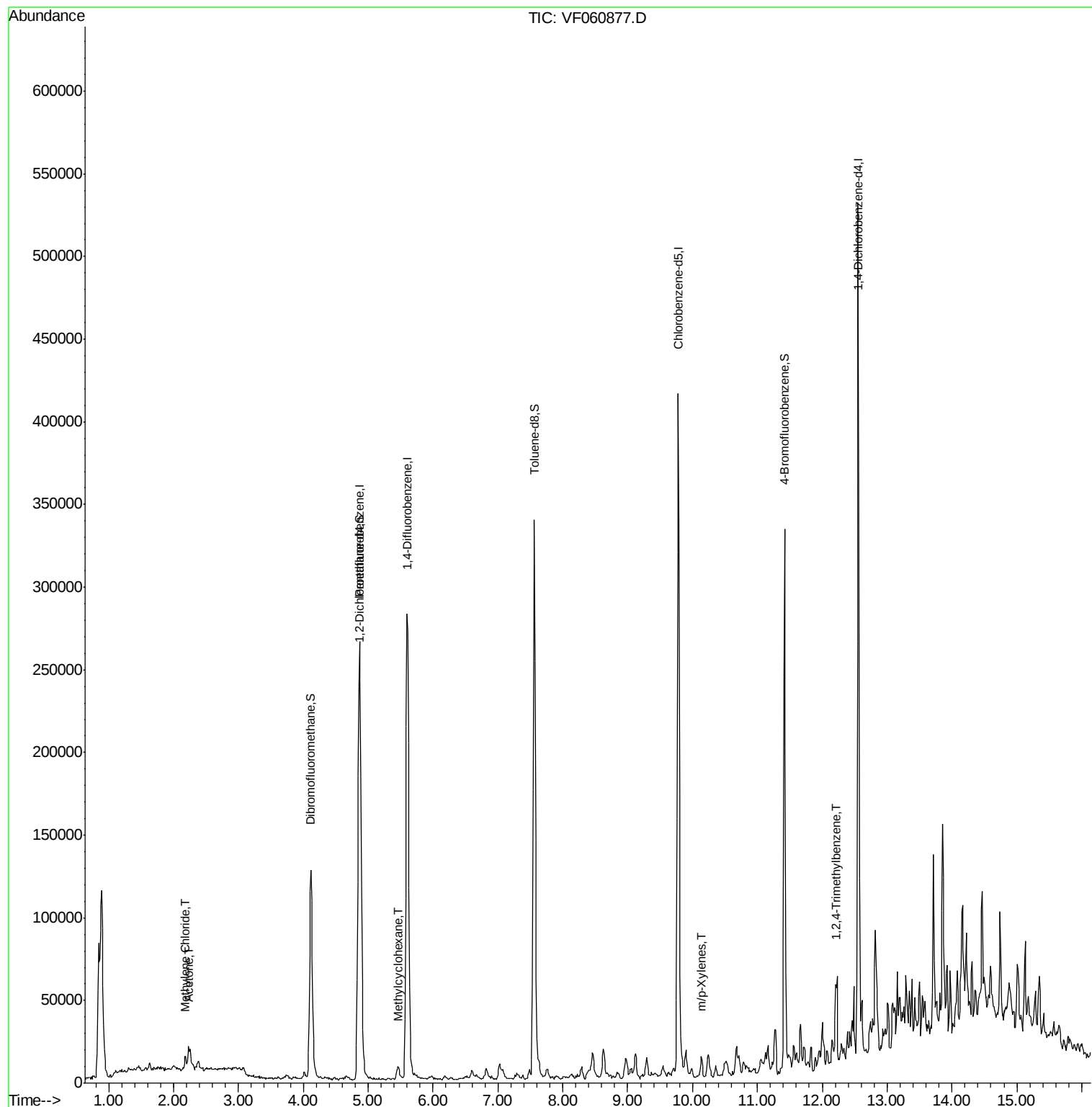
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF112918\
Data File : VF060877.D
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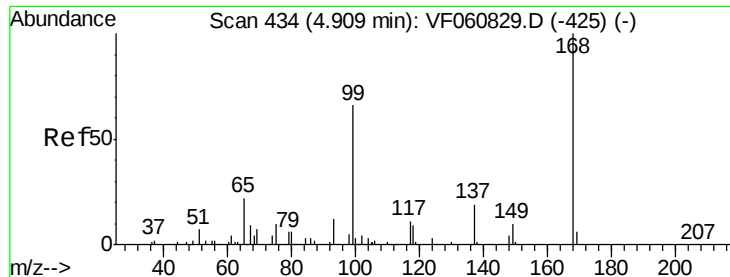
Instrument :
MSVOA_F
ClientSampleId :
NB-07-112918

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Quant Time: Nov 30 06:34:35 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: 4.88 min Scan# 431

Delta R.T. -0.03 min

Lab File: VF060877.D

Acq: 29 Nov 2018 20:11

Instrument :

MSVOA_F

ClientSampleId :

NB-07-112918

Tot Ion:168 Resp: 194818

Ion Ratio Lower Upper

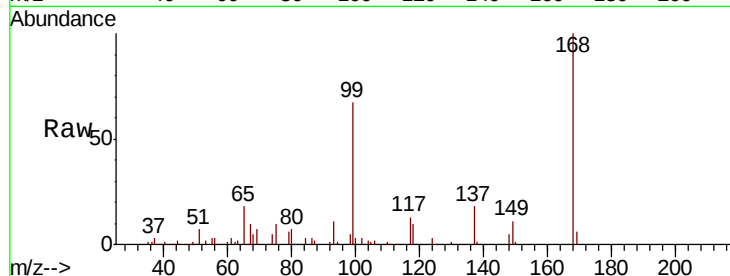
168 100

99 67.4 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

4.88

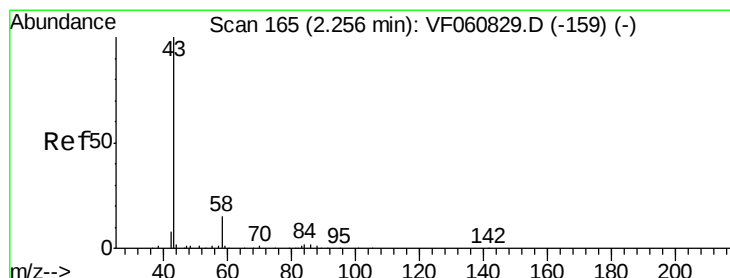
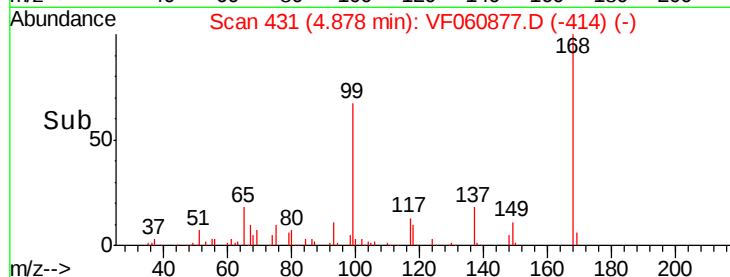
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00



#16

Acetone

Concen: 39.198 ug/l

RT: 2.23 min Scan# 163

Delta R.T. -0.02 min

Lab File: VF060877.D

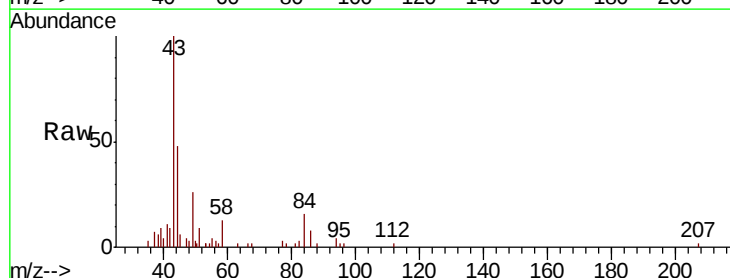
Acq: 29 Nov 2018 20:11

Tgt Ion: 43 Resp: 16589

Ion Ratio Lower Upper

43 100

58 13.1 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

8000

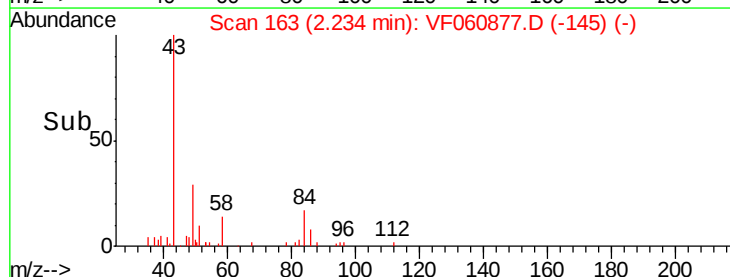
6000

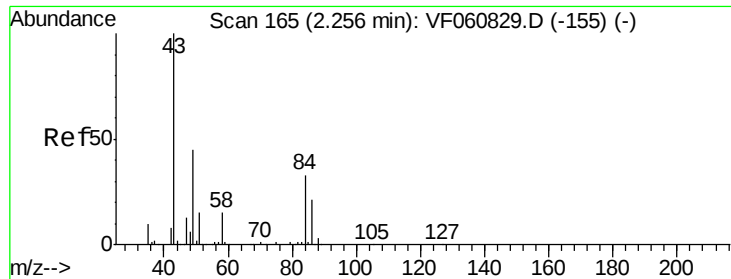
4000

2000

0

Time--> 2.15 2.20 2.25 2.30 2.35





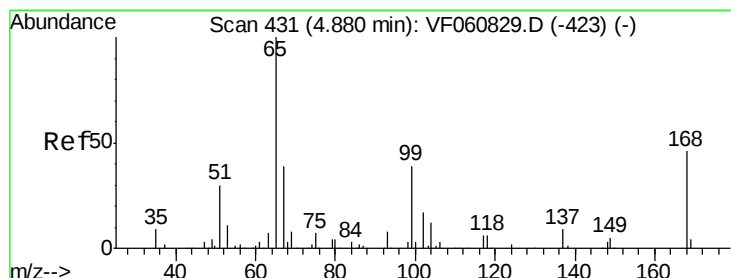
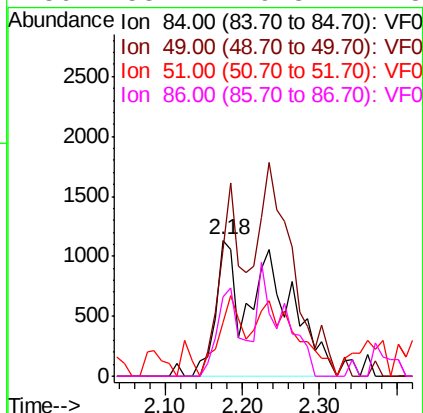
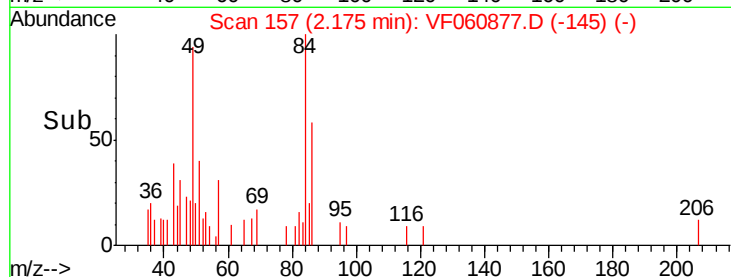
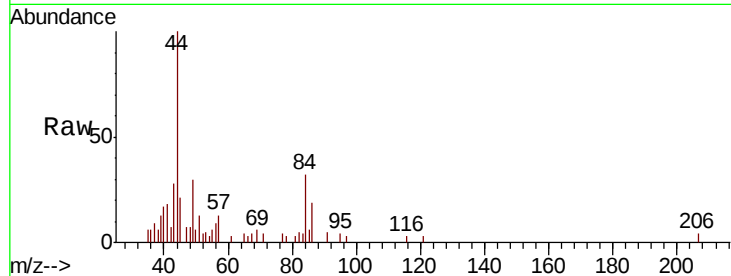
#20
Methvlene Chloride
Concen: 3.774 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. -0.08 min
Lab File: VF060877.D
Acq: 29 Nov 2018 20:11

Instrument :
MSVOA_F
ClientSampled :
NB-07-112918

Tot Ion: 84 Resp: 5860
Ion Ratio Lower Upper
84 100
49 93.6 111.3 166.9#
51 39.9 38.0 57.0
86 58.2 49.8 74.8

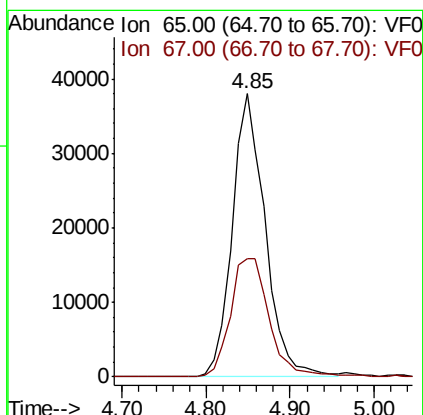
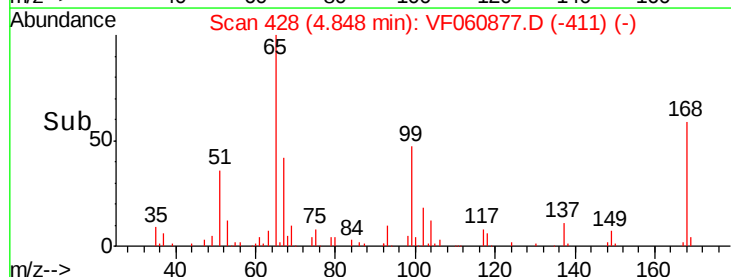
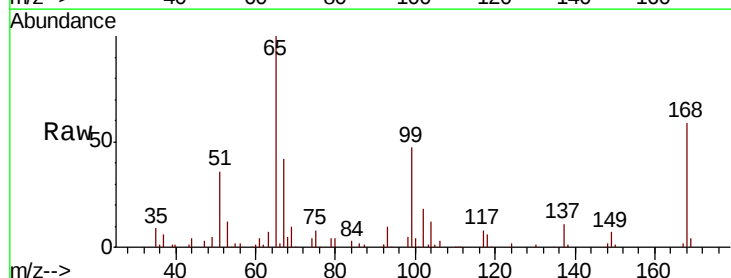
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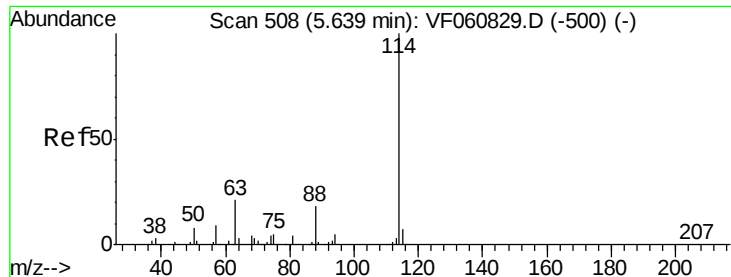
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#33
1,2-Dichloroethane-d4
Concen: 45.081 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.03 min
Lab File: VF060877.D
Acq: 29 Nov 2018 20:11

Tgt Ion: 65 Resp: 103462
Ion Ratio Lower Upper
65 100
67 41.9 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: VF060877.D

Acq: 29 Nov 2018 20:11

Instrument :

MSVOA_F

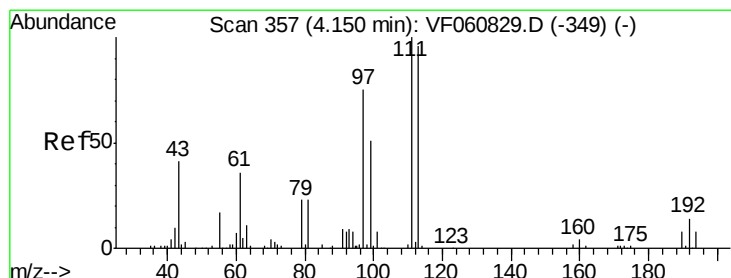
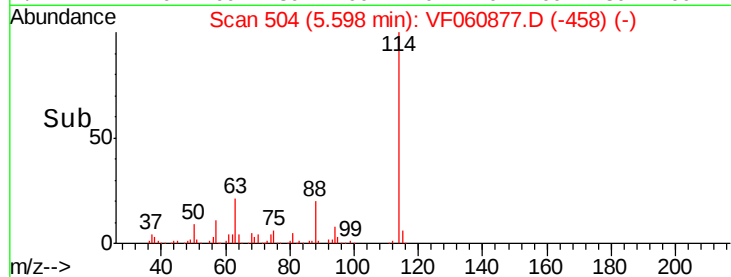
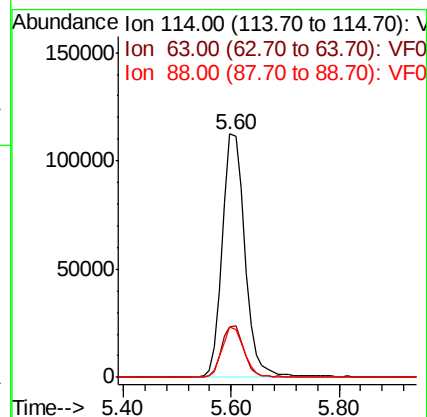
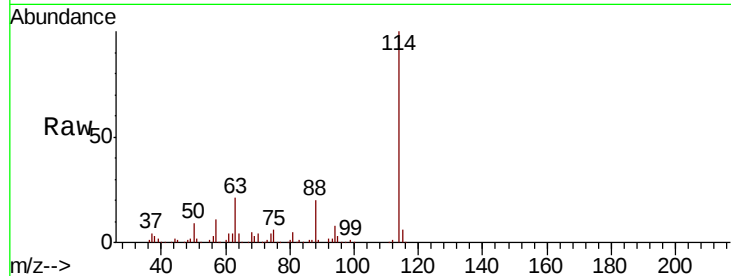
ClientSampled :

NB-07-112918

Tot Ion:	114	Resp:	328520
Ion Ratio	Lower	Upper	
114	100		
63	20.9	0.0	41.6
88	20.4	0.0	36.6

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#35

Dibromofluoromethane

Concen: 45.711 ug/l

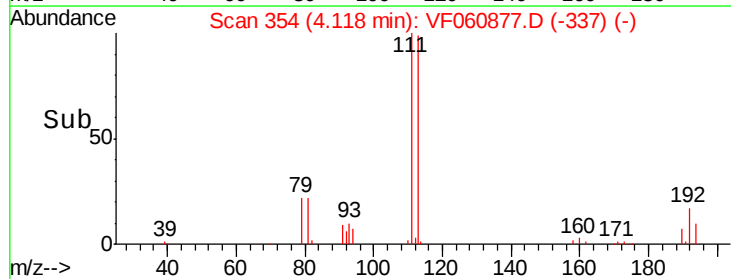
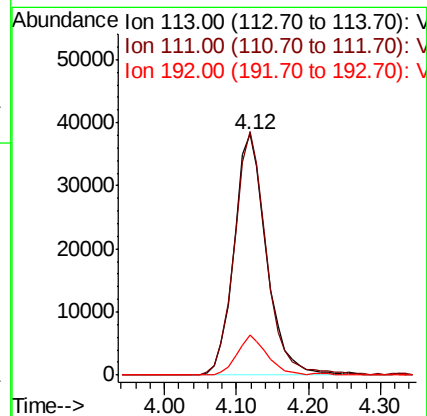
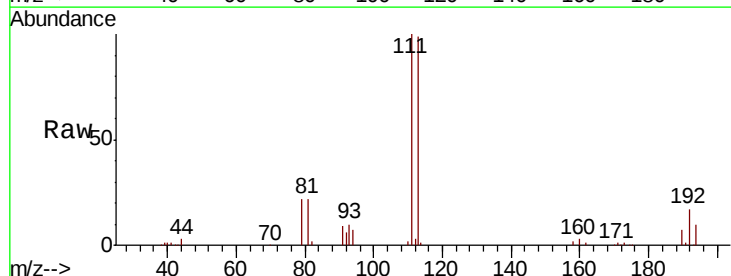
RT: 4.12 min Scan# 354

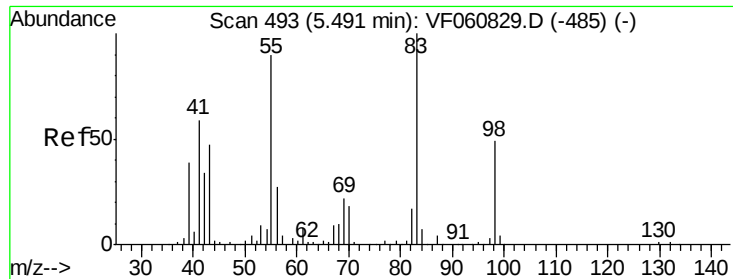
Delta R.T. -0.03 min

Lab File: VF060877.D

Acq: 29 Nov 2018 20:11

Tgt Ion:	113	Resp:	119133
Ion Ratio	Lower	Upper	
113	100		
111	101.2	83.0	124.6
192	16.7	12.3	18.5





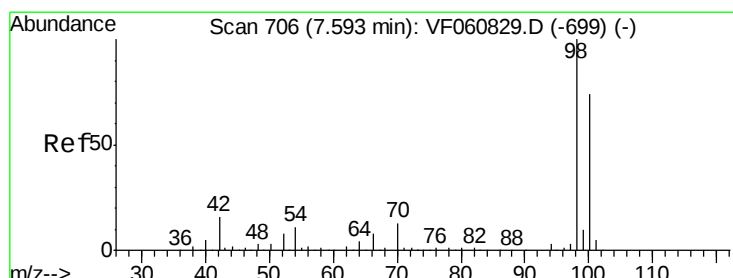
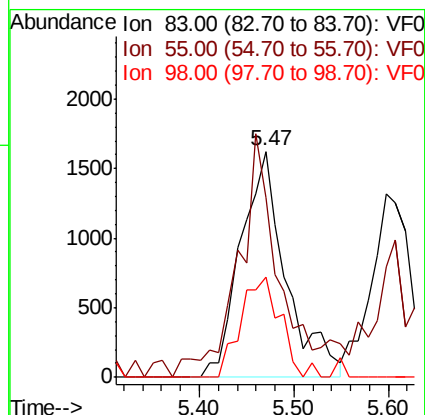
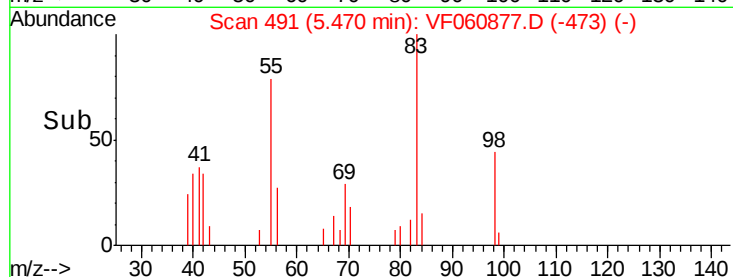
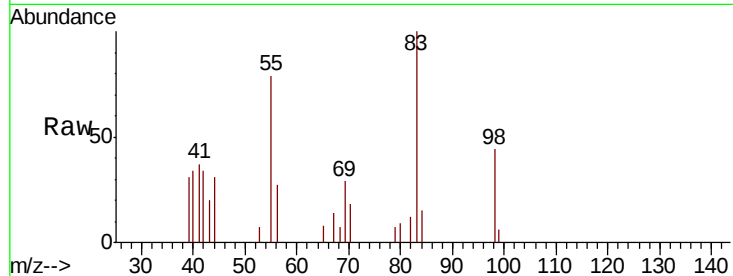
#39
Methvlcvclohexane
Concen: 1.414 ug/l
RT: 5.47 min Scan# 491
Delta R.T. -0.02 min
Lab File: VF060877.D
Acq: 29 Nov 2018 20:11

Instrument :
MSVOA_F
ClientSampled :
NB-07-112918

Tot Ion	83.00	Resp	5401
Ion Ratio	100	Lower	Upper
83	100		
55	79.4	72.1	108.1
98	44.5	39.1	58.7

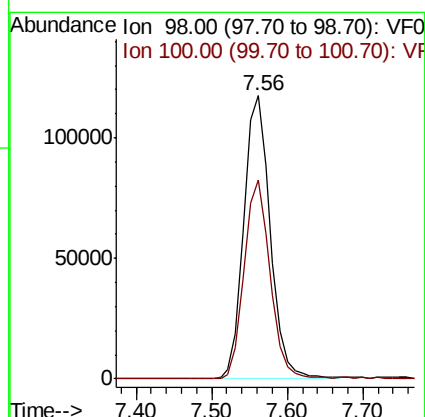
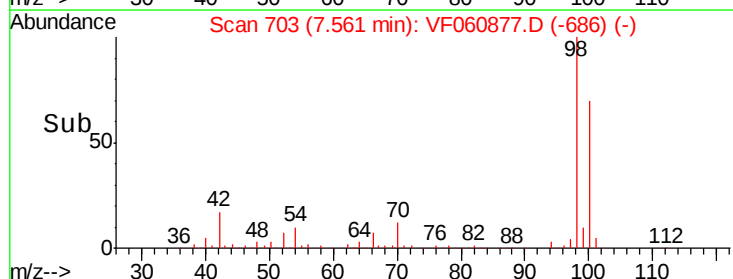
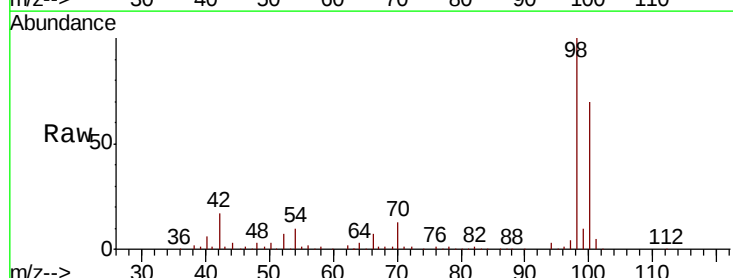
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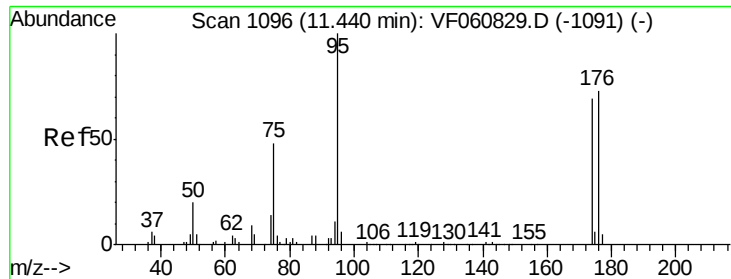
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#50
Toluene-d8
Concen: 37.209 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.03 min
Lab File: VF060877.D
Acq: 29 Nov 2018 20:11

Tgt Ion	98	Resp	285663
Ion Ratio	100	Lower	Upper
98	100		
100	70.4	59.3	88.9





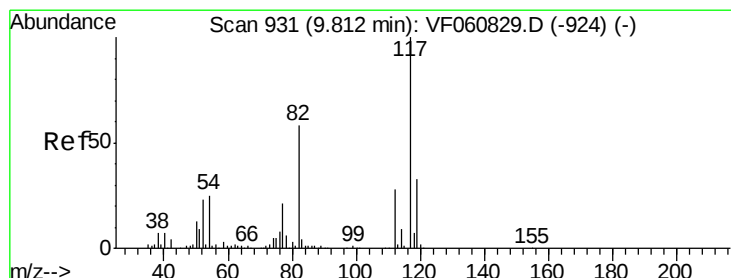
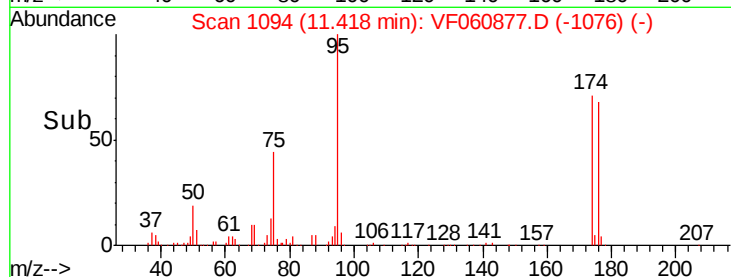
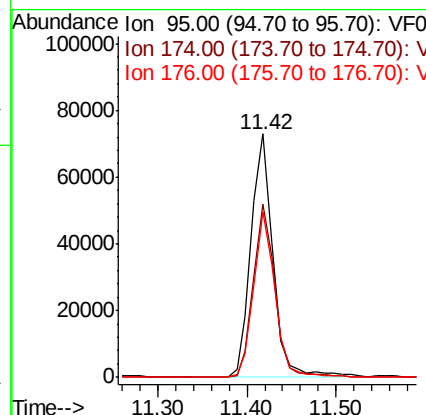
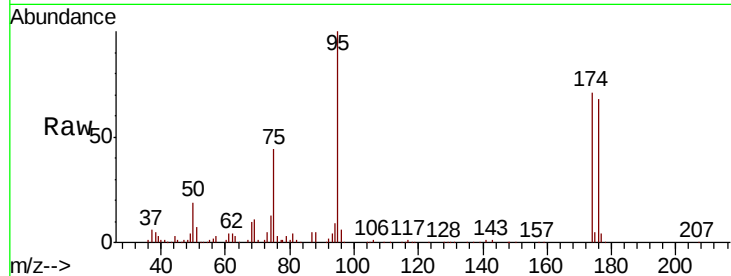
#62
4-Bromofluorobenzene
Concen: 35.722 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. -0.02 min
Lab File: VF060877.D
Acq: 29 Nov 2018 20:11

Instrument :
MSVOA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
95	100	124639		
174	71.0	0.0	138.2	
176	68.0	0.0	146.2	

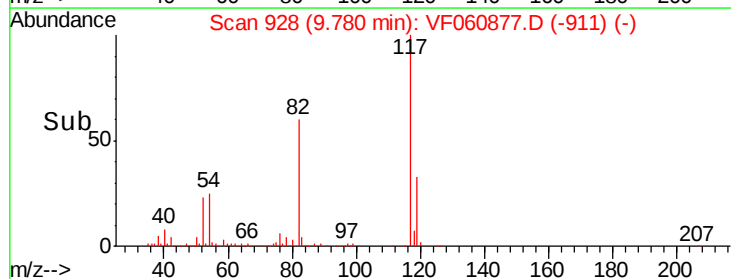
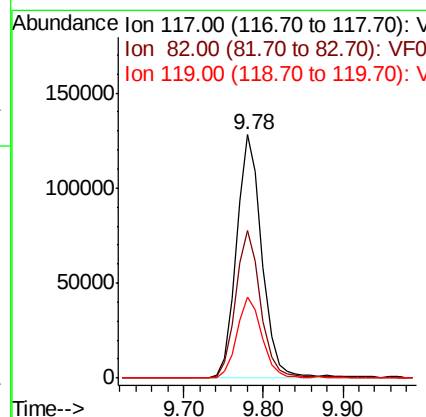
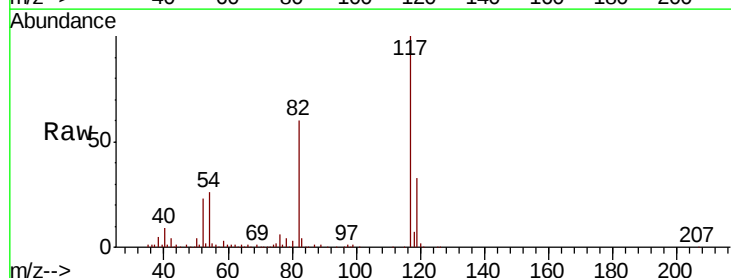
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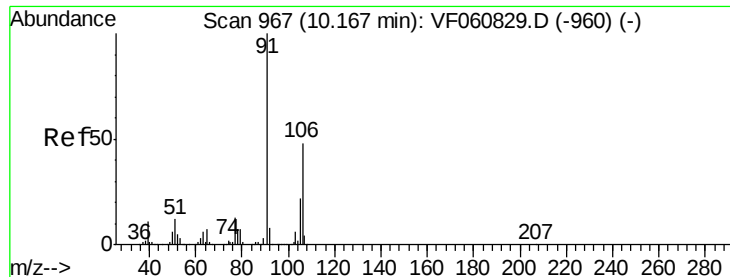
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.03 min
Lab File: VF060877.D
Acq: 29 Nov 2018 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	286350		
82	60.4	46.6	69.8	
119	33.3	26.4	39.6	





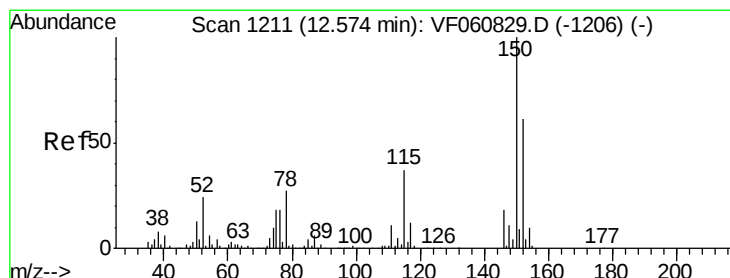
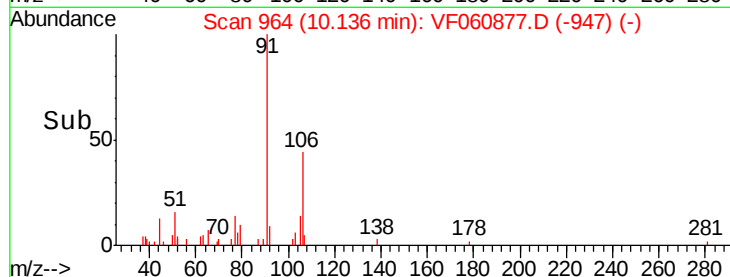
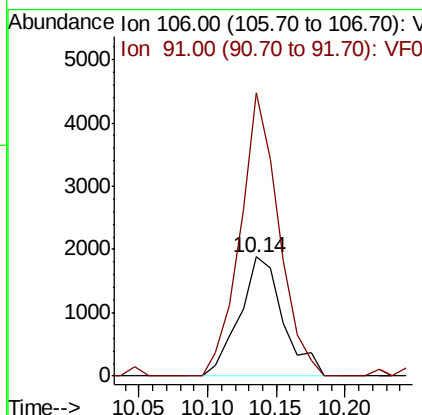
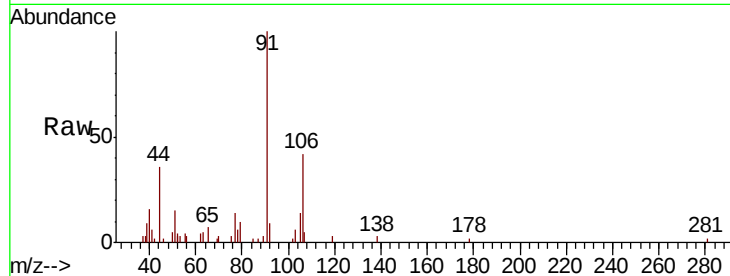
#68
m/p-Xvlenes
Concen: 1.109 ug/l
RT: 10.14 min Scan# 964
Delta R.T. -0.03 min
Lab File: VF060877.D
Acq: 29 Nov 2018 20:11

Instrument :
MSVOA_F
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Tot Ion:106 Resp: 4136
Ion Ratio Lower Upper
106 100
91 236.9 166.7 250.1

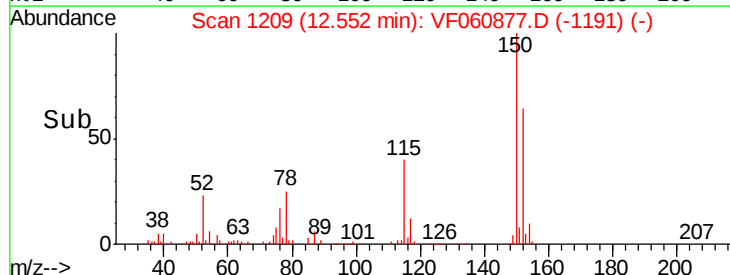
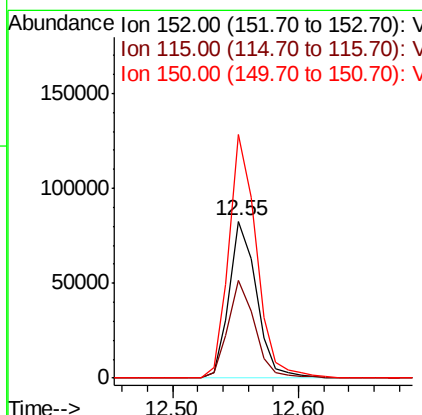
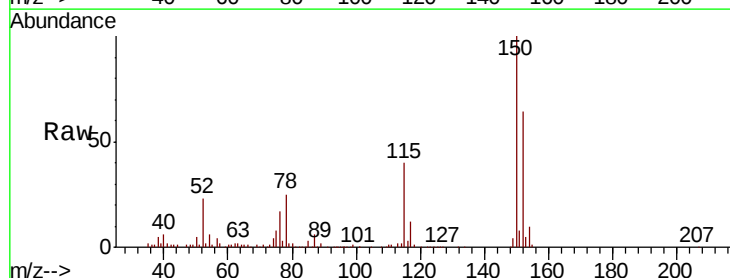
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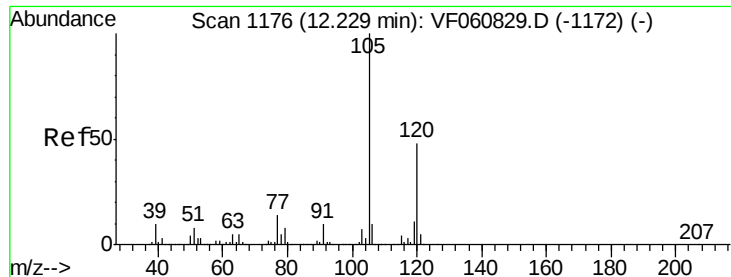
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF060877.D
Acq: 29 Nov 2018 20:11

Tgt Ion:152 Resp: 125279
Ion Ratio Lower Upper
152 100
115 62.3 30.1 90.5
150 155.2 0.0 327.6





#84
 1,2,4-Trimethylbenzene
 Concen: 2.081 ug/l
 RT: 12.21 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: VF060877.D
 Acq: 29 Nov 2018 20:11

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-07-112918

Tot Ion	Ratio	Resp	Lower	Upper
105	100	16689		
120	40.4		23.8	71.5

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