

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120318\
 Data File : VF060897.D
 Acq On : 3 Dec 2018 17:55
 Operator : VA/AP
 Sample : J5764-29
 Misc : 6.48g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-113018-E

Manual Integrations
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Quant Time: Dec 04 03:56:41 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	4.89	168	191695	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	312532	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.80	117	268652	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.57	152	114447	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	113456	50.24	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	100.48%	
35) Dibromofluoromethane	4.13	113	123390	49.77	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	99.54%	
50) Toluene-d8	7.58	98	273988	37.51	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	75.02%	
62) 4-Bromofluorobenzene	11.42	95	130511	39.32	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	78.64%	
Target Compounds						
16) Acetone	2.25	43	40245	96.643	ug/l #	91
20) Methylene Chloride	2.25	84	7506m	4.913	ug/l	
52) Toluene	7.64	92	6410	1.192	ug/l	82

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

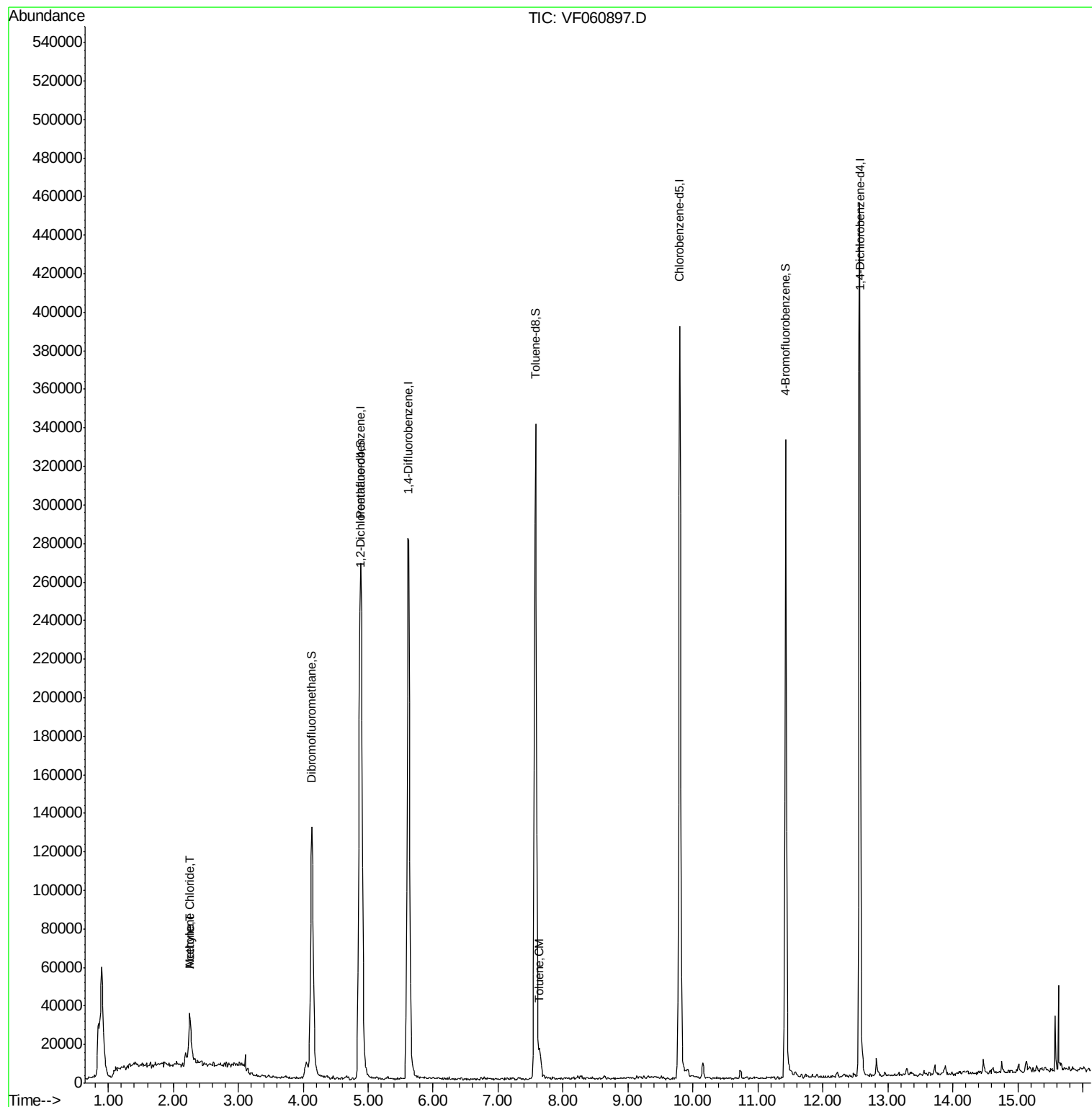
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF120318\
Data File : VF060897.D
Acq On : 3 Dec 2018 17:55
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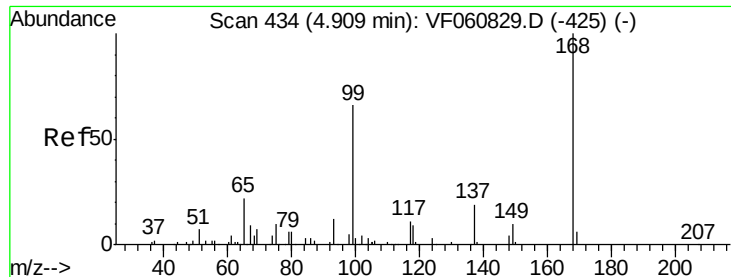
Instrument :
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Quant Time: Dec 04 03:56:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. -0.02 min

Lab File: VF060897.D

Acq: 3 Dec 2018 17:55

Instrument :

MSVOA_F

ClientSampleId :

JC-02-113018-E

Tot Ion:168 Resp: 191695

Ion Ratio Lower Upper

168 100

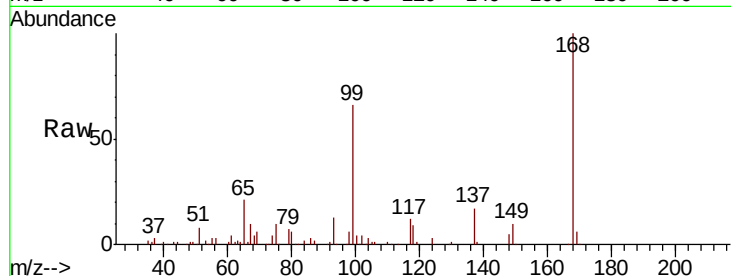
99 66.5 52.6 79.0

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

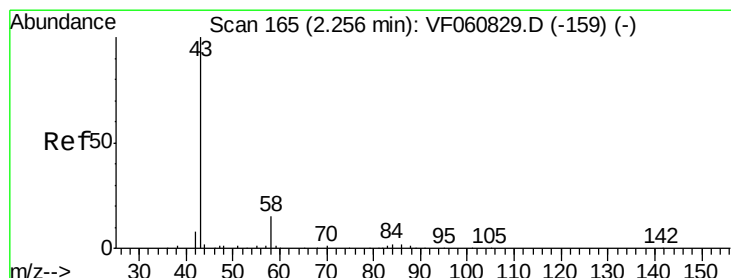
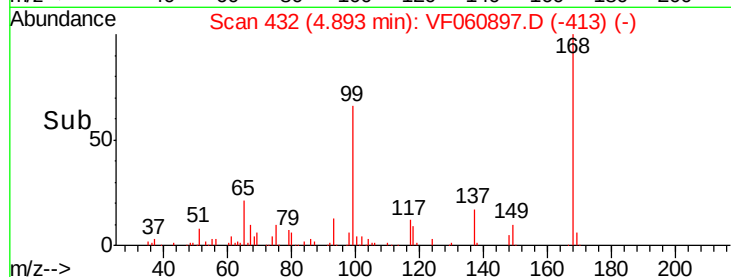
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 96.643 ug/l

RT: 2.25 min Scan# 164

Delta R.T. -0.01 min

Lab File: VF060897.D

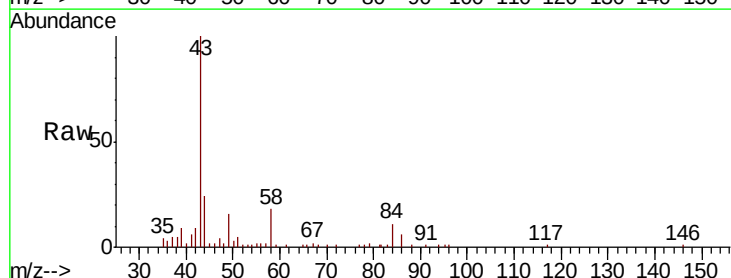
Acq: 3 Dec 2018 17:55

Tgt Ion: 43 Resp: 40245

Ion Ratio Lower Upper

43 100

58 17.8 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

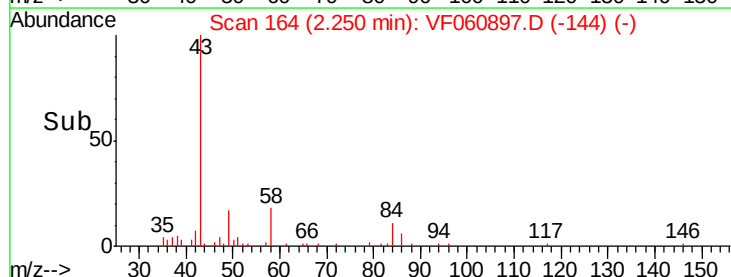
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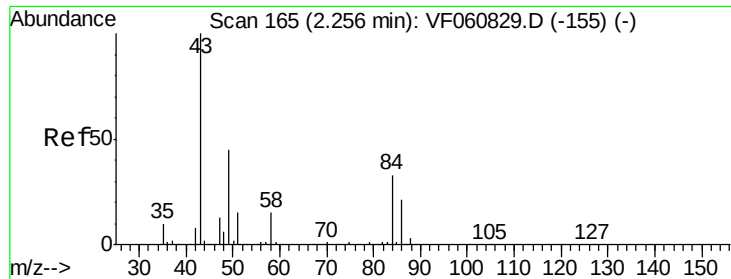
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5000

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Time-->





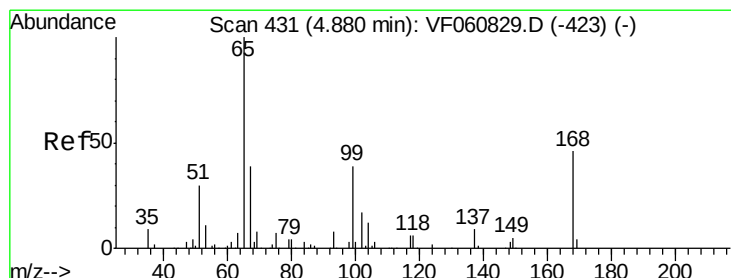
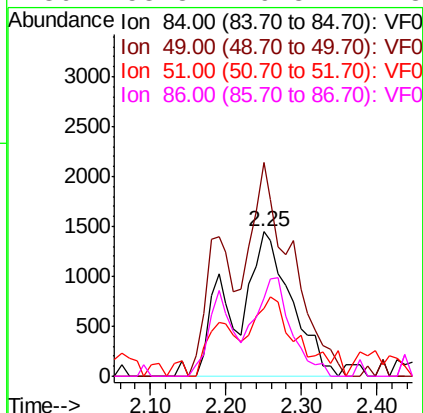
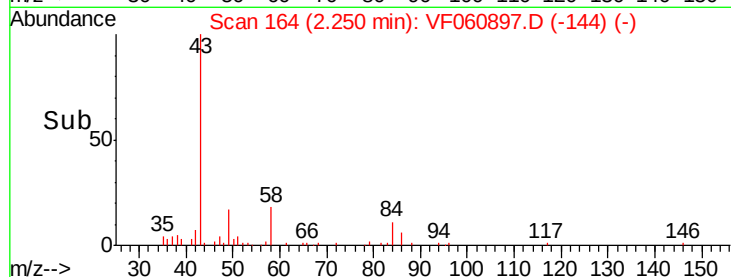
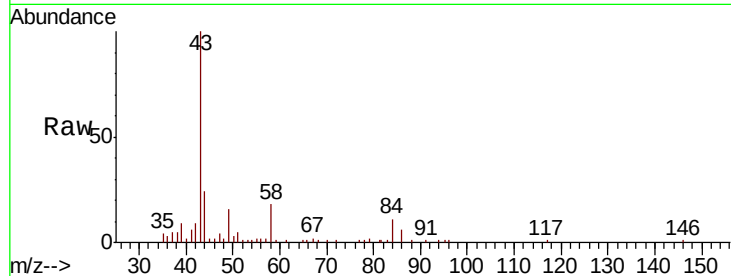
#20
Methylene Chloride
Concen: 4.913 ug/l m
RT: 2.25 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
JC-02-113018-E

Tot Ion:	84	Resp:	7506
Ion	Ratio	Lower	Upper
84	100		
49	148.2	111.3	166.9
51	46.7	38.0	57.0
86	53.8	49.8	74.8

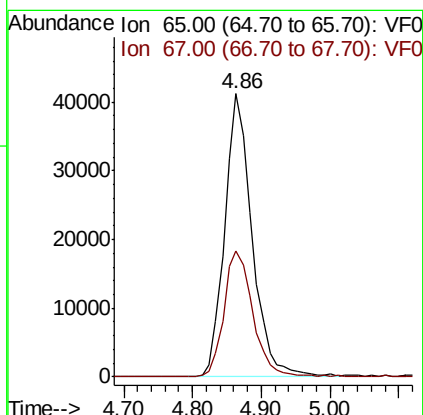
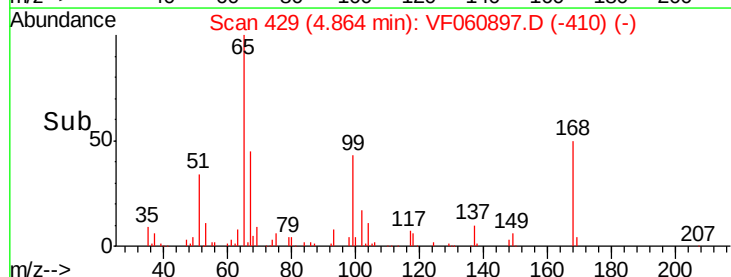
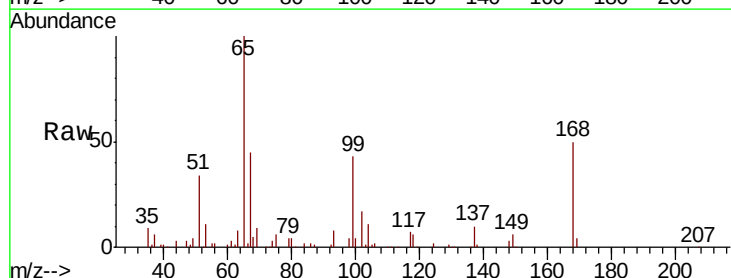
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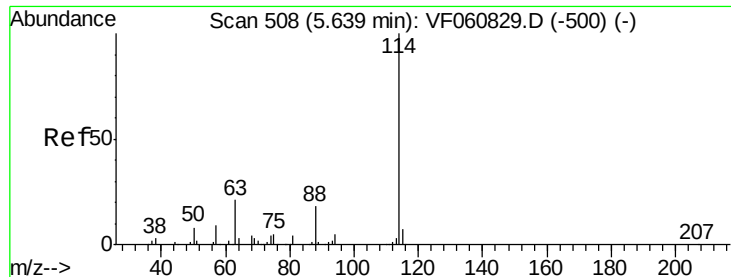
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#33
1,2-Dichloroethane-d4
Concen: 50.241 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.02 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Tgt Ion:	65	Resp:	113456
Ion	Ratio	Lower	Upper
65	100		
67	44.6	0.0	96.4





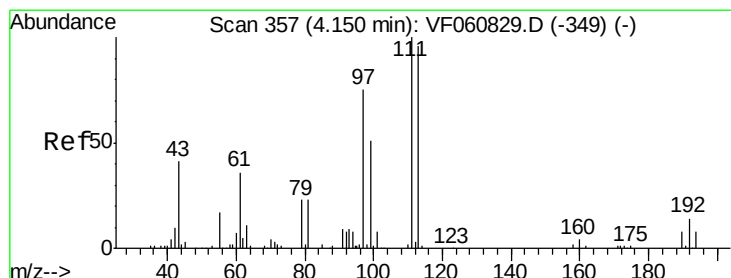
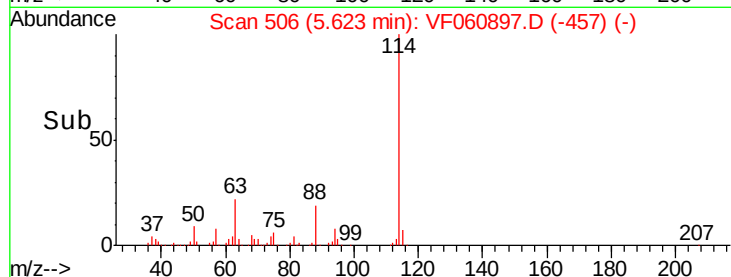
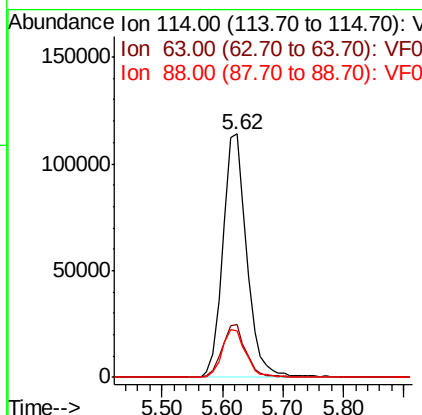
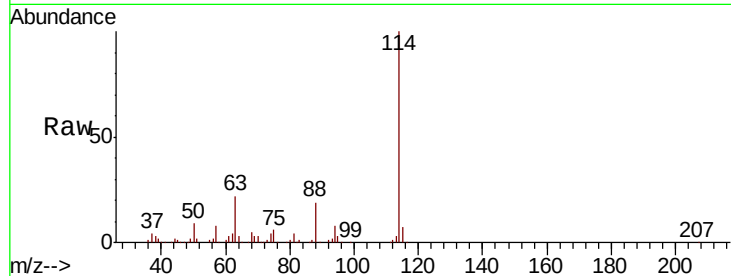
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.62 min Scan# 506
 Delta R.T. -0.02 min
 Lab File: VF060897.D
 Acq: 3 Dec 2018 17:55

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-113018-E

Tot Ion	Ratio	Resp	Lower	Upper
114	100	312532		
63	21.7		0.0	41.6
88	19.4		0.0	36.6

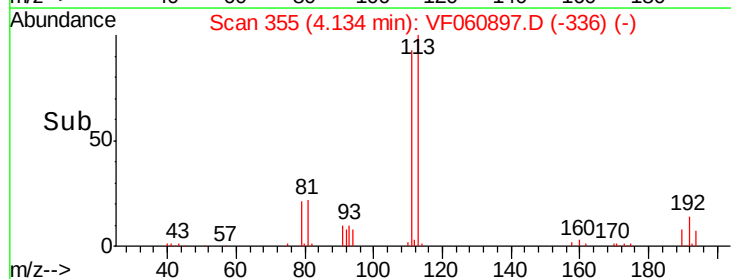
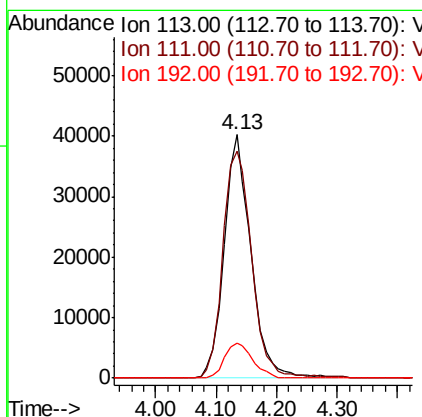
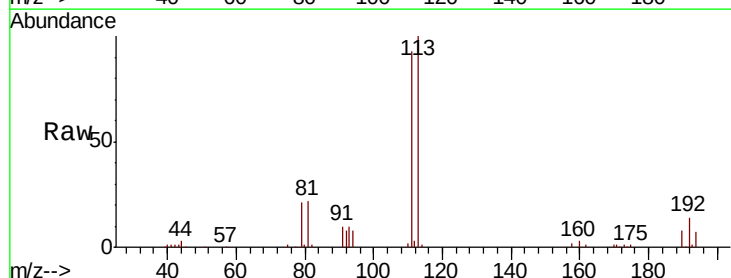
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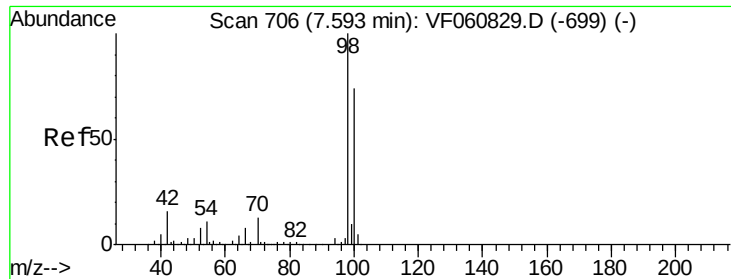
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#35
 Dibromofluoromethane
 Concen: 49.766 ug/l
 RT: 4.13 min Scan# 355
 Delta R.T. -0.02 min
 Lab File: VF060897.D
 Acq: 3 Dec 2018 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	123390		
111	93.4		83.0	124.6
192	14.4		12.3	18.5





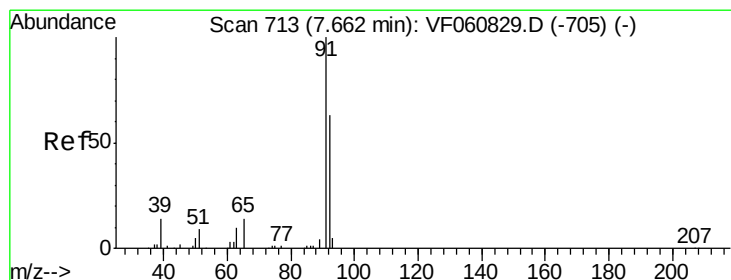
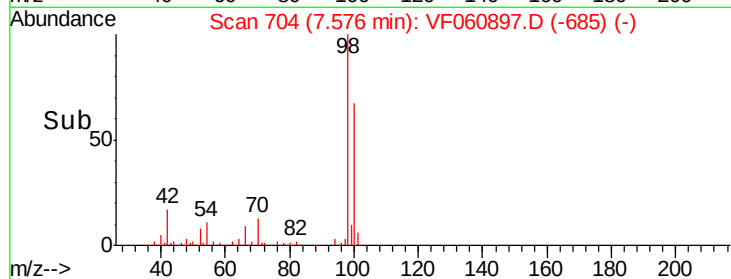
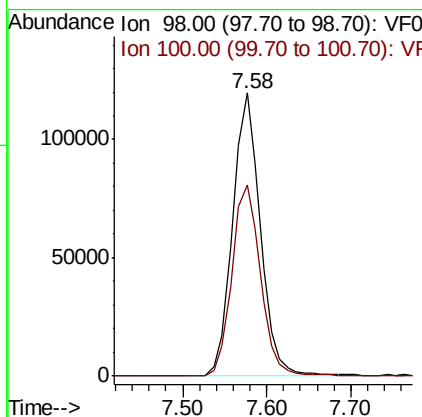
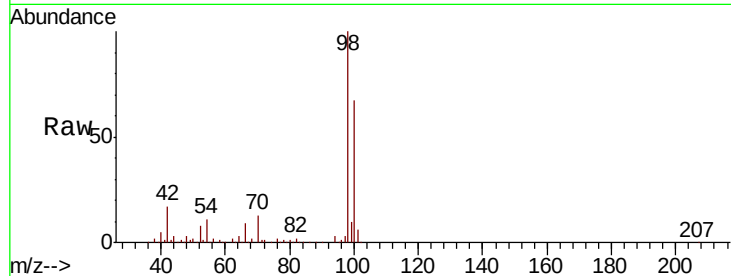
#50
Toluene-d8
Concen: 37.514 ug/l
RT: 7.58 min Scan# 704
Delta R.T. -0.02 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Instrument :
MSVOA_F
ClientSampleId :
JC-02-113018-E

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		273988		
100	67.4	59.3		88.9	

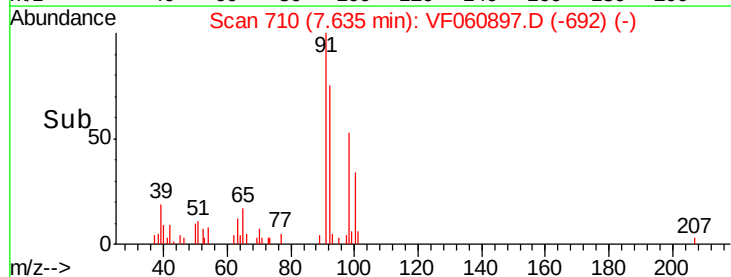
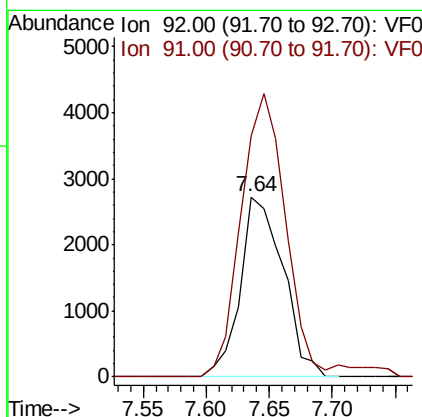
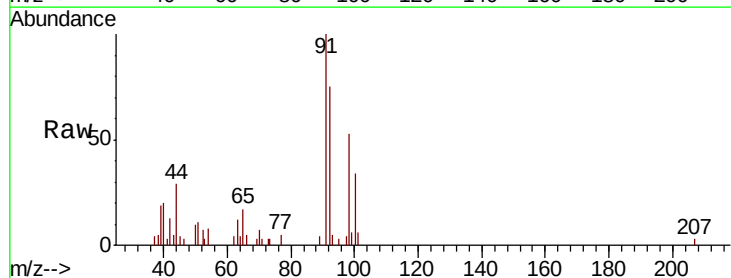
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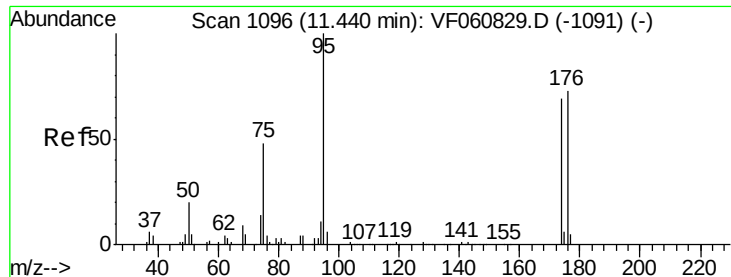
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#52
Toluene
Concen: 1.192 ug/l
RT: 7.64 min Scan# 710
Delta R.T. -0.03 min
Lab File: VF060897.D
Acq: 3 Dec 2018 17:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
92	100		6410		
91	133.8	126.2		189.2	





#62

4-Bromofluorobenzene

Concen: 39.318 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. -0.02 min

Lab File: VF060897.D

Acq: 3 Dec 2018 17:55

Instrument :

MSVOA_F

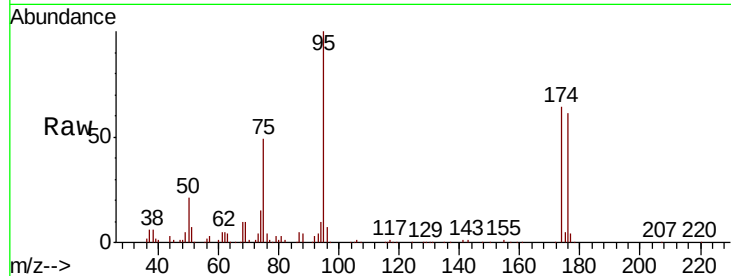
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JC-02-113018-E

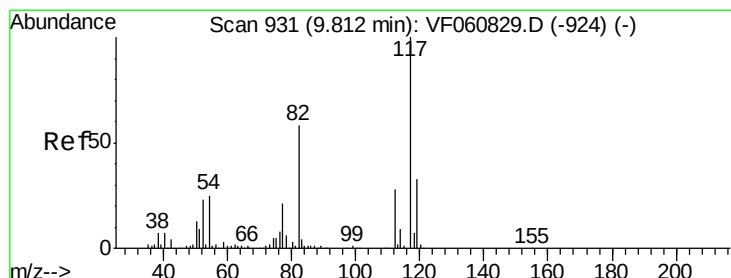
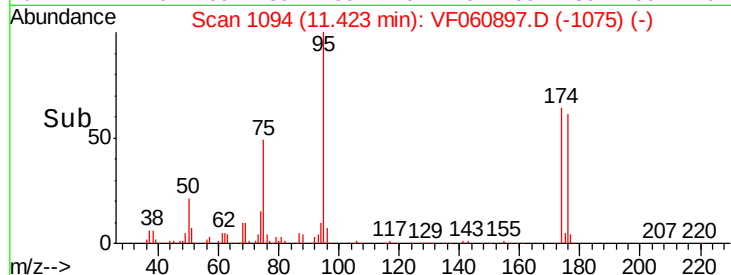
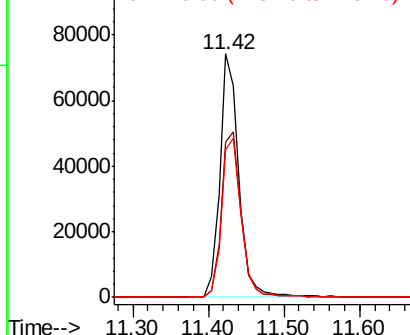
Tot Ion:	95	Resp:	130511
Ion Ratio	Lower	Upper	
95	100		
174	63.9	0.0	138.2
176	60.7	0.0	146.2

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Abundance Ion 95.00 (94.70 to 95.70): VF0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

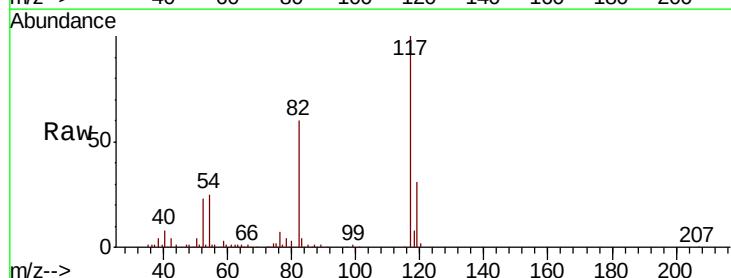
RT: 9.80 min Scan# 929

Delta R.T. -0.02 min

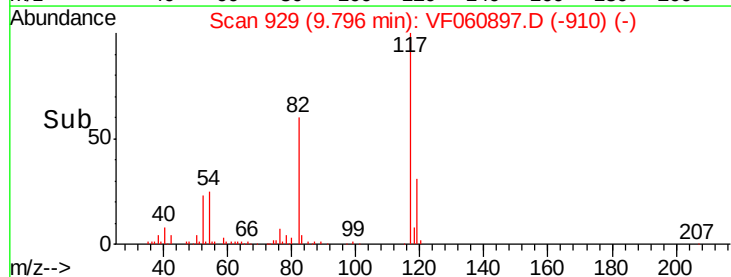
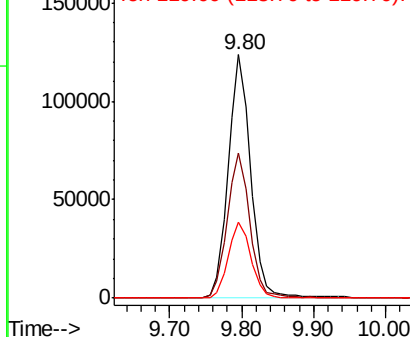
Lab File: VF060897.D

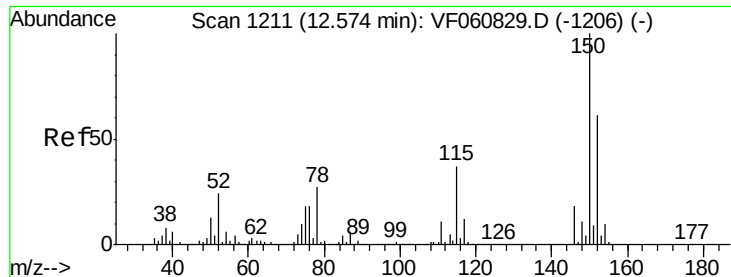
Acq: 3 Dec 2018 17:55

Tgt Ion:	117	Resp:	268652
Ion Ratio	Lower	Upper	
117	100		
82	59.8	46.6	69.8
119	31.3	26.4	39.6



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.57 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: VF060897.D
 Acq: 3 Dec 2018 17:55

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-113018-E

Tot Ion	Ratio	Resp	Lower	Upper
152	100	114447		
115	58.2	30.1	90.5	
150	161.7	0.0	327.6	

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