

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121418\
 Data File : VF061021.D
 Acq On : 14 Dec 2018 15:44
 Operator : VA/AP
 Sample : J6403-13RE
 Misc : 3.6g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-2-BRE

Manual Integrations
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Quant Time: Dec 15 00:55:33 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	4.86	168	224088	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.58	114	394874	50.00	ug/l	-0.06
63) Chlorobenzene-d5	9.77	117	349026	50.00	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	12.55	152	156621	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	130418	49.40	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	98.80%	
35) Dibromofluoromethane	4.09	113	151550	48.38	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	96.76%	
50) Toluene-d8	7.55	98	381298	41.32	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	82.64%	
62) 4-Bromofluorobenzene	11.40	95	155784	37.15	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	74.30%	
Target Compounds						
16) Acetone	2.23	43	25536	52.457	ug/l	98
20) Methylene Chloride	2.25	84	7390m	4.138	ug/l	
25) 2-Butanone	4.33	43	7710	9.157	ug/l #	90

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

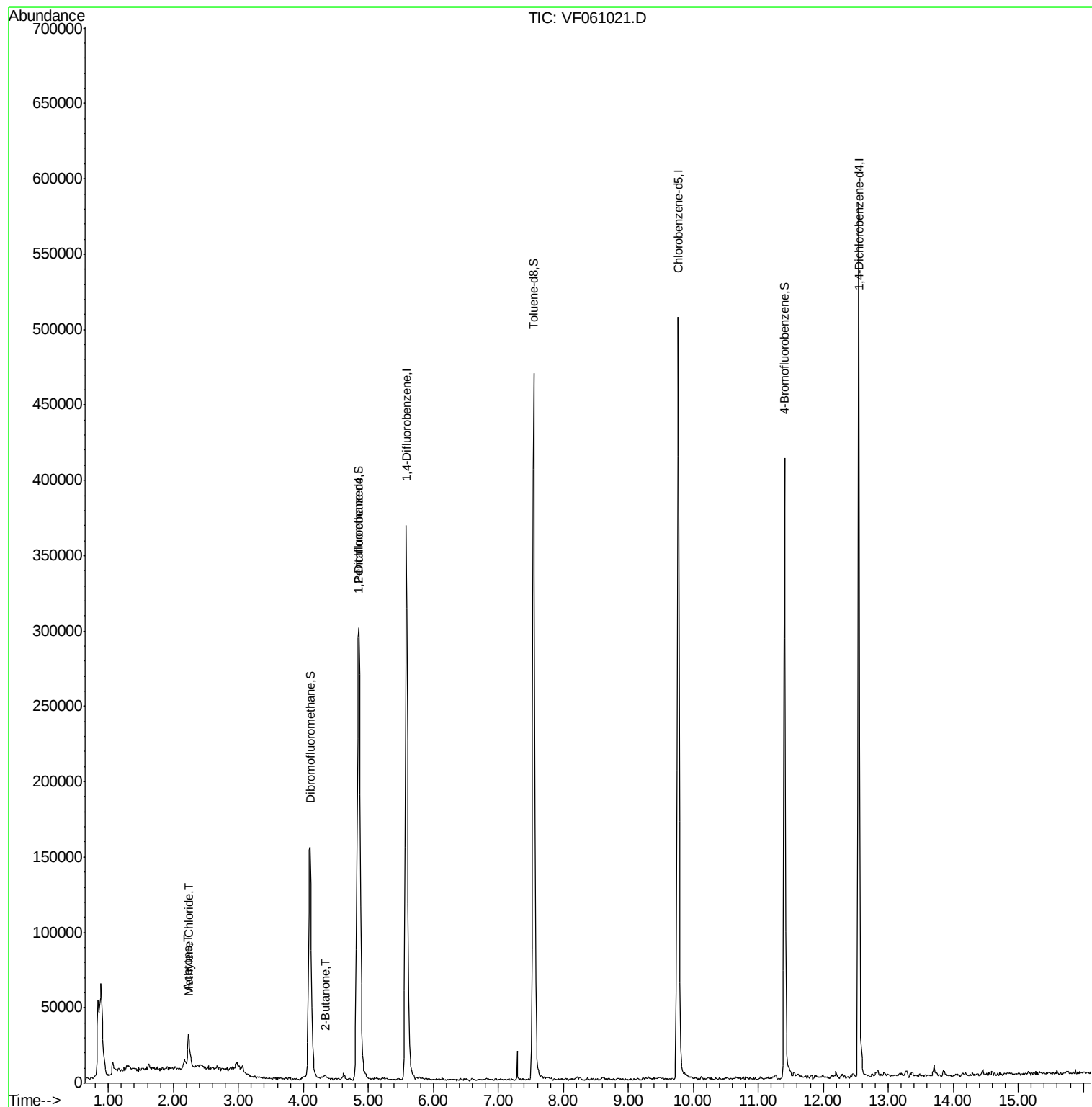
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF121418\
Data File : VF061021.D
Acq On : 14 Dec 2018 15:44
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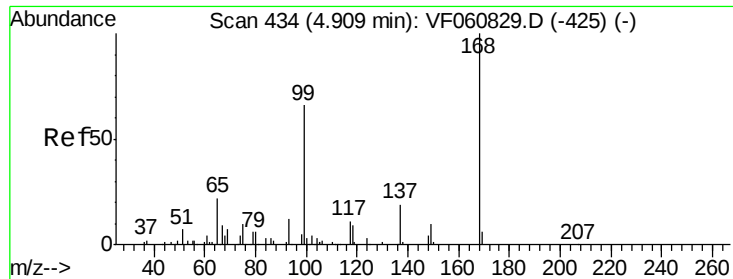
Instrument :
MSVOA_F
ClientSampleId :
TP-2-BRE

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Quant Time: Dec 15 00:55:33 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: 4.86 min Scan# 429

Delta R.T. -0.05 min

Lab File: VF061021.D

Acq: 14 Dec 2018 15:44

Instrument :

MSVOA_F

ClientSampleId :

TP-2-BRE

Tgt Ion:168 Resp: 224088

Ion Ratio Lower Upper

168 100

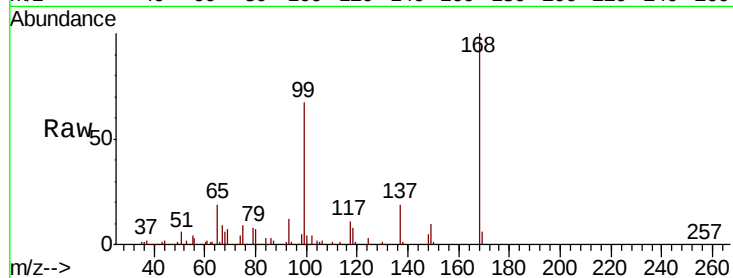
99 67.0 52.6 79.0

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

80000

60000

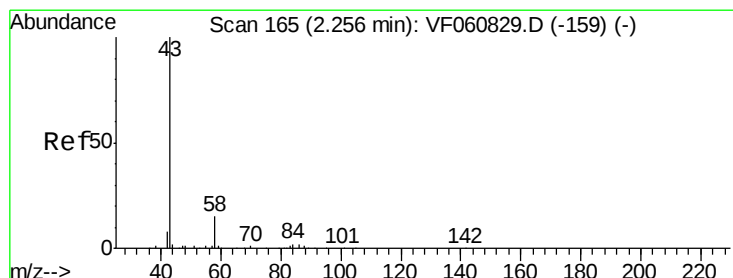
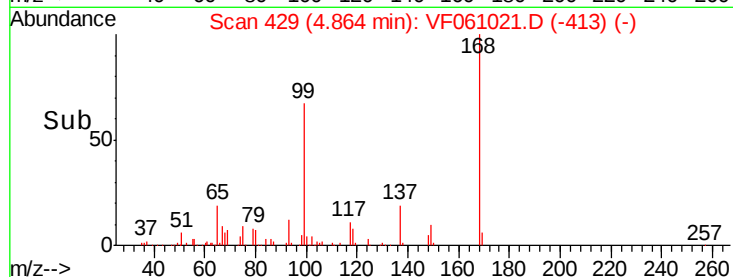
40000

20000

0

4.70 4.80 4.90 5.00

Time-->



#16

Acetone

Concen: 52.457 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.03 min

Lab File: VF061021.D

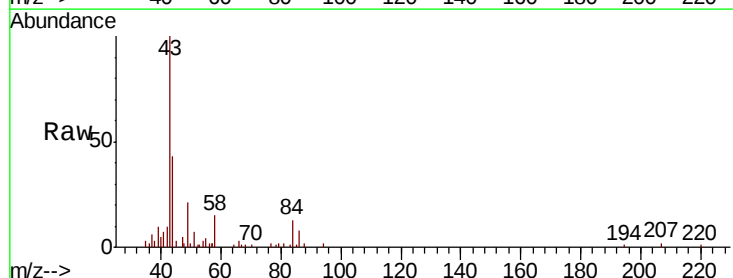
Acq: 14 Dec 2018 15:44

Tgt Ion: 43 Resp: 25536

Ion Ratio Lower Upper

43 100

58 15.0 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

12000

10000

8000

6000

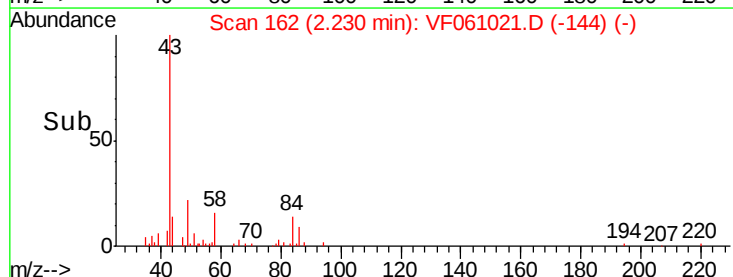
4000

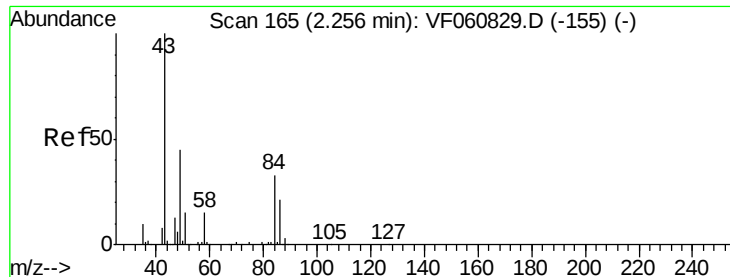
2000

0

2.10 2.20 2.30

Time-->





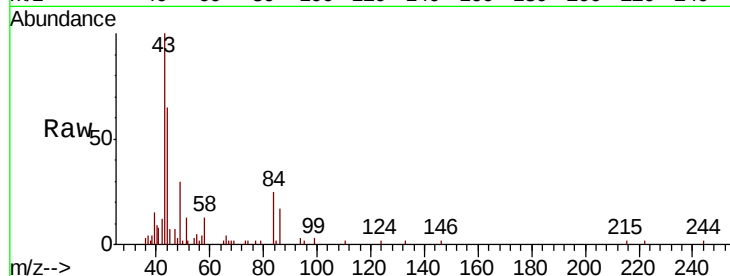
#20
Methylene Chloride
Concen: 4.138 ug/l m
RT: 2.25 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF061021.D
Acq: 14 Dec 2018 15:44

Instrument :
MSVOA_F
ClientSampleId :
TP-2-BRE

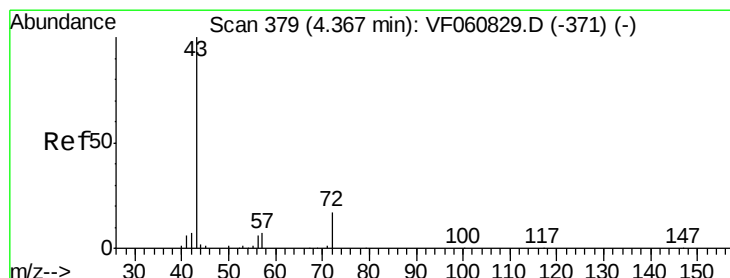
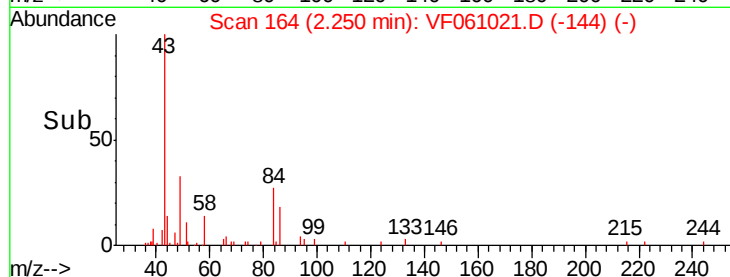
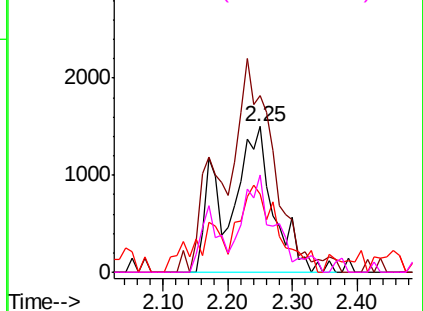
Tgt Ion:	84	Resp:	7390
Ion	Ratio	Lower	Upper
84	100		
49	121.7	111.3	166.9
51	53.9	38.0	57.0
86	66.6	49.8	74.8

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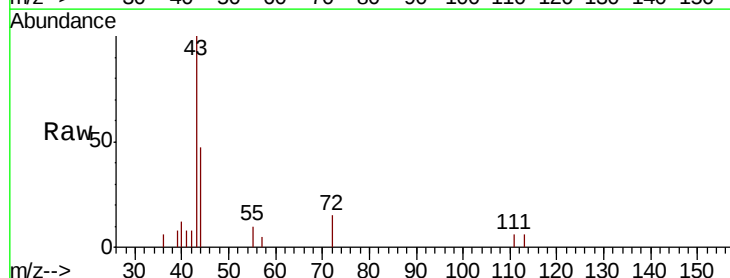


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

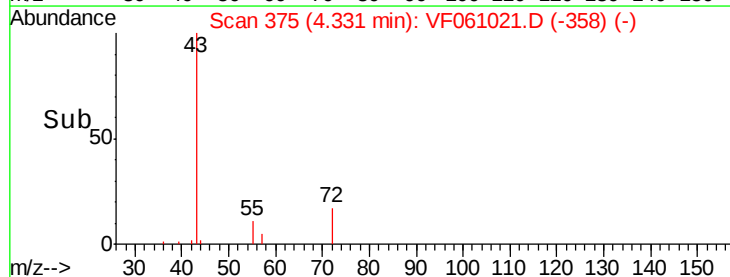
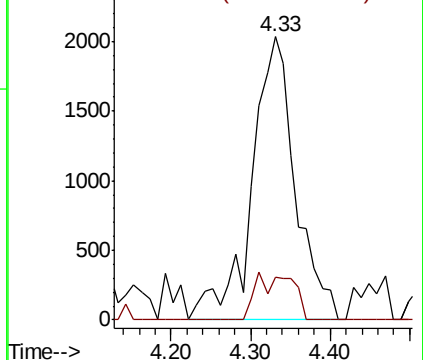


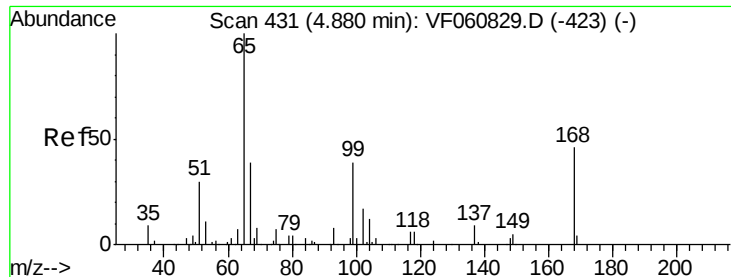
#25
2-Butanone
Concen: 9.157 ug/l
RT: 4.33 min Scan# 375
Delta R.T. -0.04 min
Lab File: VF061021.D
Acq: 14 Dec 2018 15:44

Tgt Ion:	43	Resp:	7710
Ion	Ratio	Lower	Upper
43	100		
72	15.0	15.4	23.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 72.00 (71.70 to 72.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 49.404 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.05 min

Lab File: VF061021.D

Acq: 14 Dec 2018 15:44

Tgt Ion: 65 Resp: 130418

Ion Ratio Lower Upper

65 100

67 46.3 0.0 96.4

Instrument :

MSVOA_F

ClientSampled :

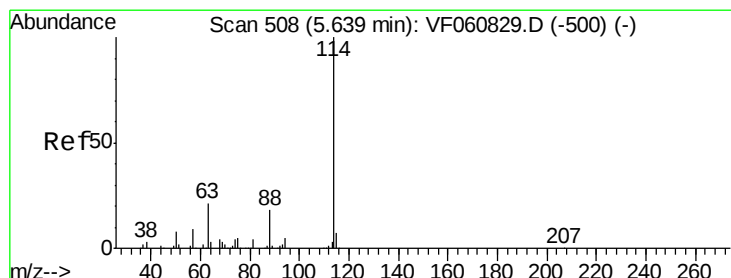
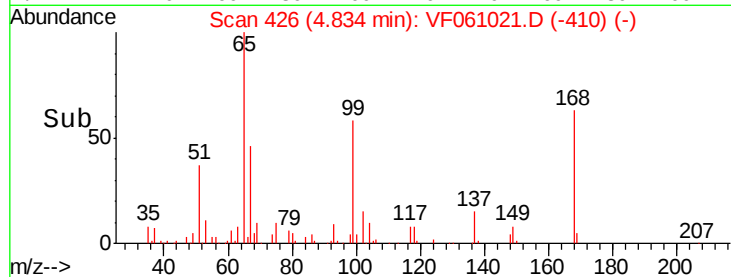
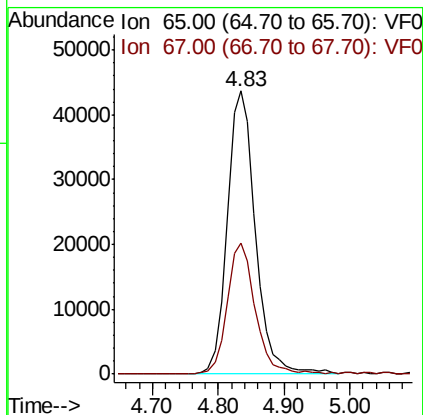
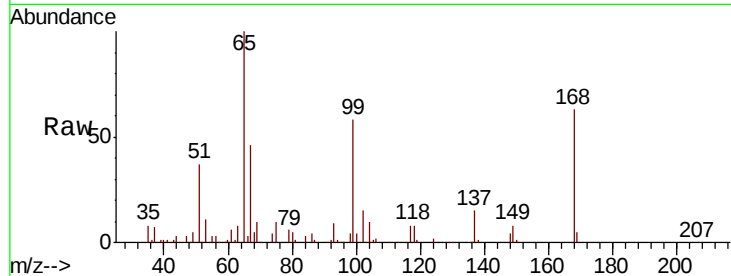
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.06 min

Lab File: VF061021.D

Acq: 14 Dec 2018 15:44

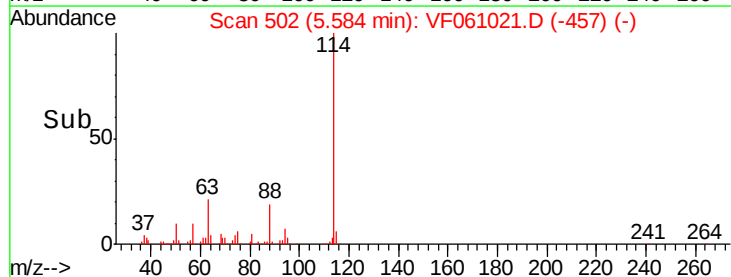
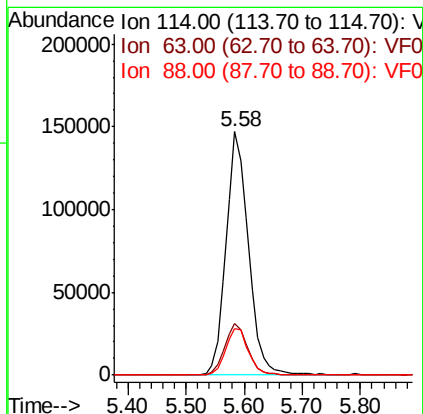
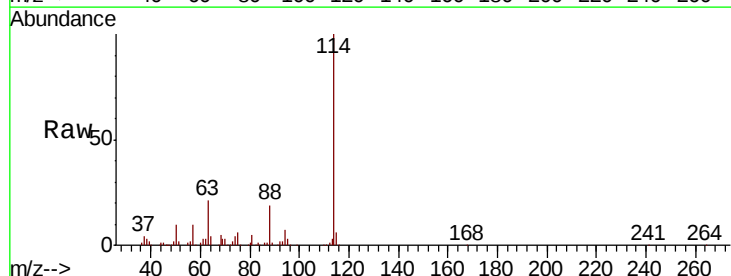
Tgt Ion: 114 Resp: 394874

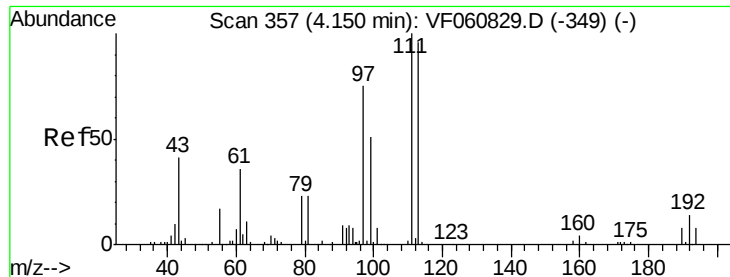
Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.6

88 19.3 0.0 36.6





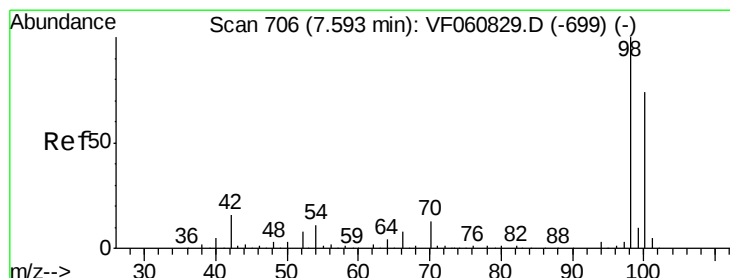
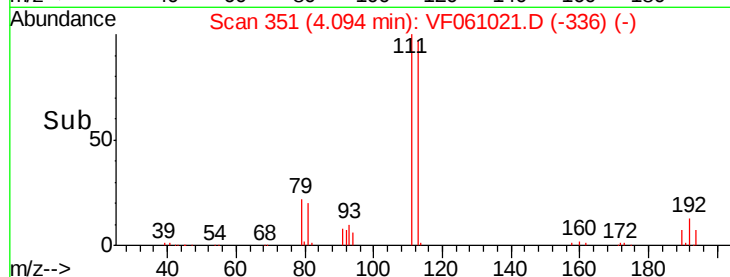
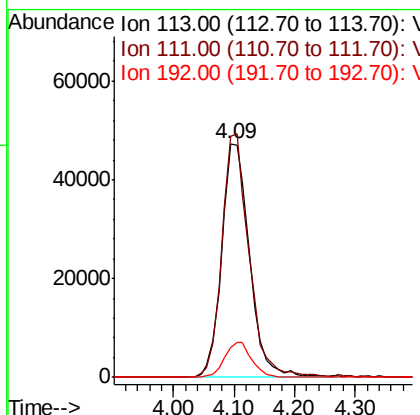
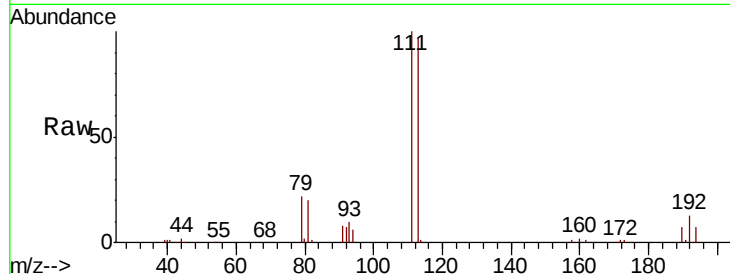
#35
Dibromofluoromethane
Concen: 48.378 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.06 min
Lab File: VF061021.D
Acq: 14 Dec 2018 15:44

Instrument :
MSVOA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
113	100	151550		
111	103.3	83.0	124.6	
192	13.0	12.3	18.5	

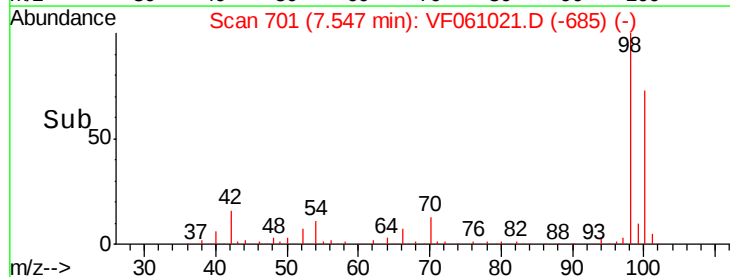
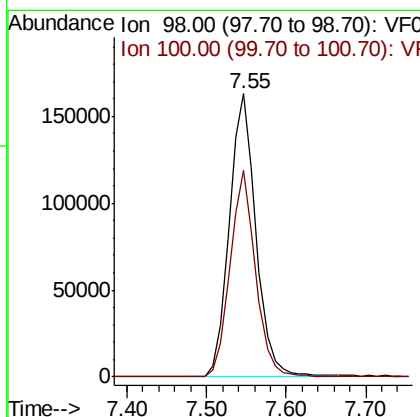
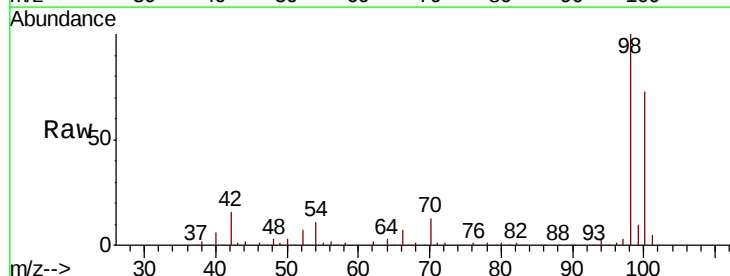
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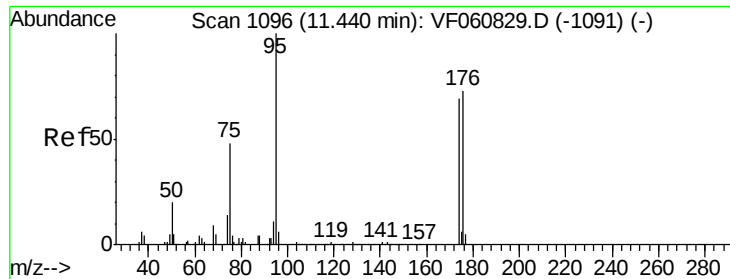
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#50
Toluene-d8
Concen: 41.321 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.05 min
Lab File: VF061021.D
Acq: 14 Dec 2018 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	381298		
100	73.1	59.3	88.9	





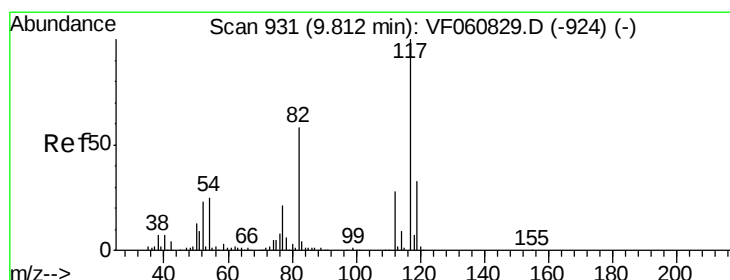
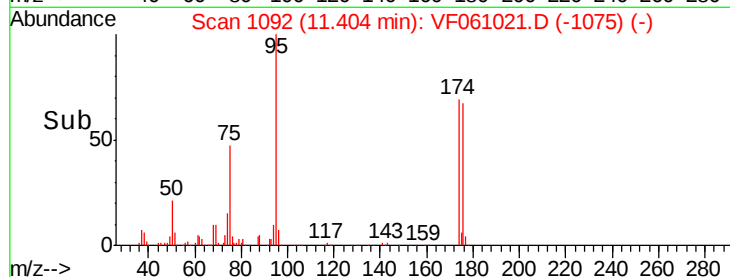
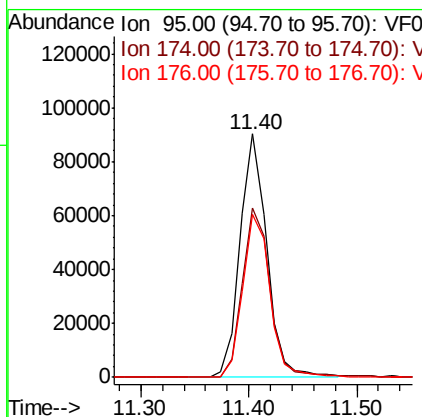
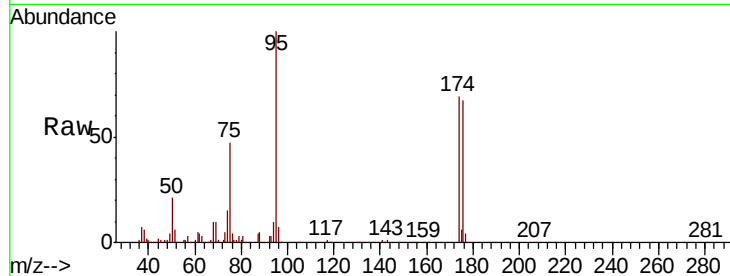
#62
4-Bromofluorobenzene
Concen: 37.145 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.04 min
Lab File: VF061021.D
Acq: 14 Dec 2018 15:44

Instrument :
MSVOA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
95	100	155784		
174	69.4	0.0	138.2	
176	67.1	0.0	146.2	

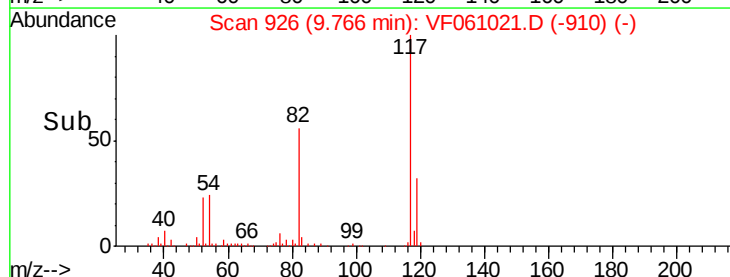
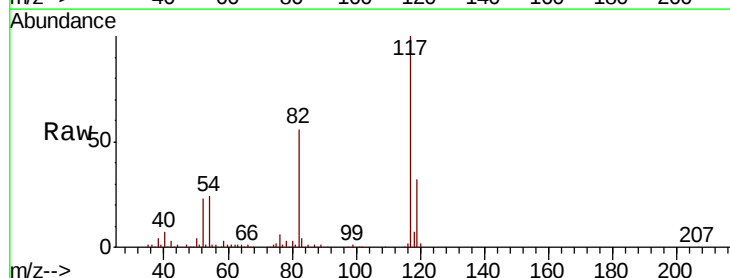
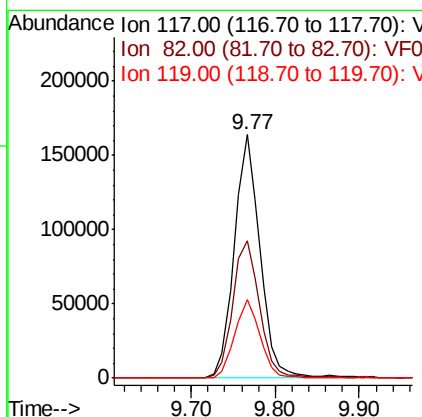
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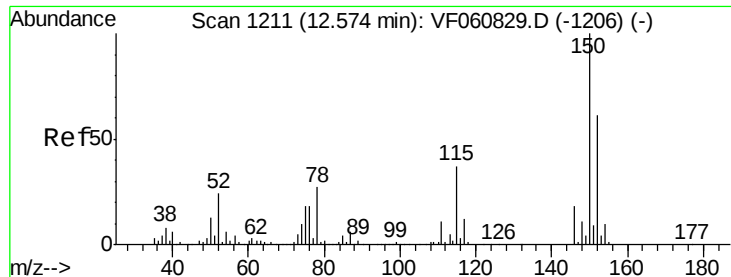
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.05 min
Lab File: VF061021.D
Acq: 14 Dec 2018 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	349026		
82	56.3	46.6	69.8	
119	32.0	26.4	39.6	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1208

Delta R.T. -0.03 min

Lab File: VF061021.D

Acq: 14 Dec 2018 15:44

Instrument :

MSVOA_F

ClientSampleId :

TP-2-BRE

Tgt Ion:	152	Resp:	156621
Ion Ratio	Lower	Upper	
152	100		
115	55.2	30.1	90.5
150	151.0	0.0	327.6

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