

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111918\
 Data File : VF060796.D
 Acq On : 20 Nov 2018 00:48
 Operator : VA/AP
 Sample : J5952-01
 Misc : 3.88g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VTW-01(7-10)

Manual Integrations
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Quant Time: Nov 20 03:43:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	175828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	287046	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	208737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	77705	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	92465	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
35) Dibromofluoromethane	4.13	113	113526	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
50) Toluene-d8	7.57	98	262975	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
62) 4-Bromofluorobenzene	11.42	95	90616	34.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.42%	
Target Compounds						
16) Acetone	2.25	43	22774	53.128	ug/l #	91
20) Methylene Chloride	2.19	84	6543m	1.837	ug/l	
25) 2-Butanone	4.35	43	9128	12.946	ug/l #	79

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

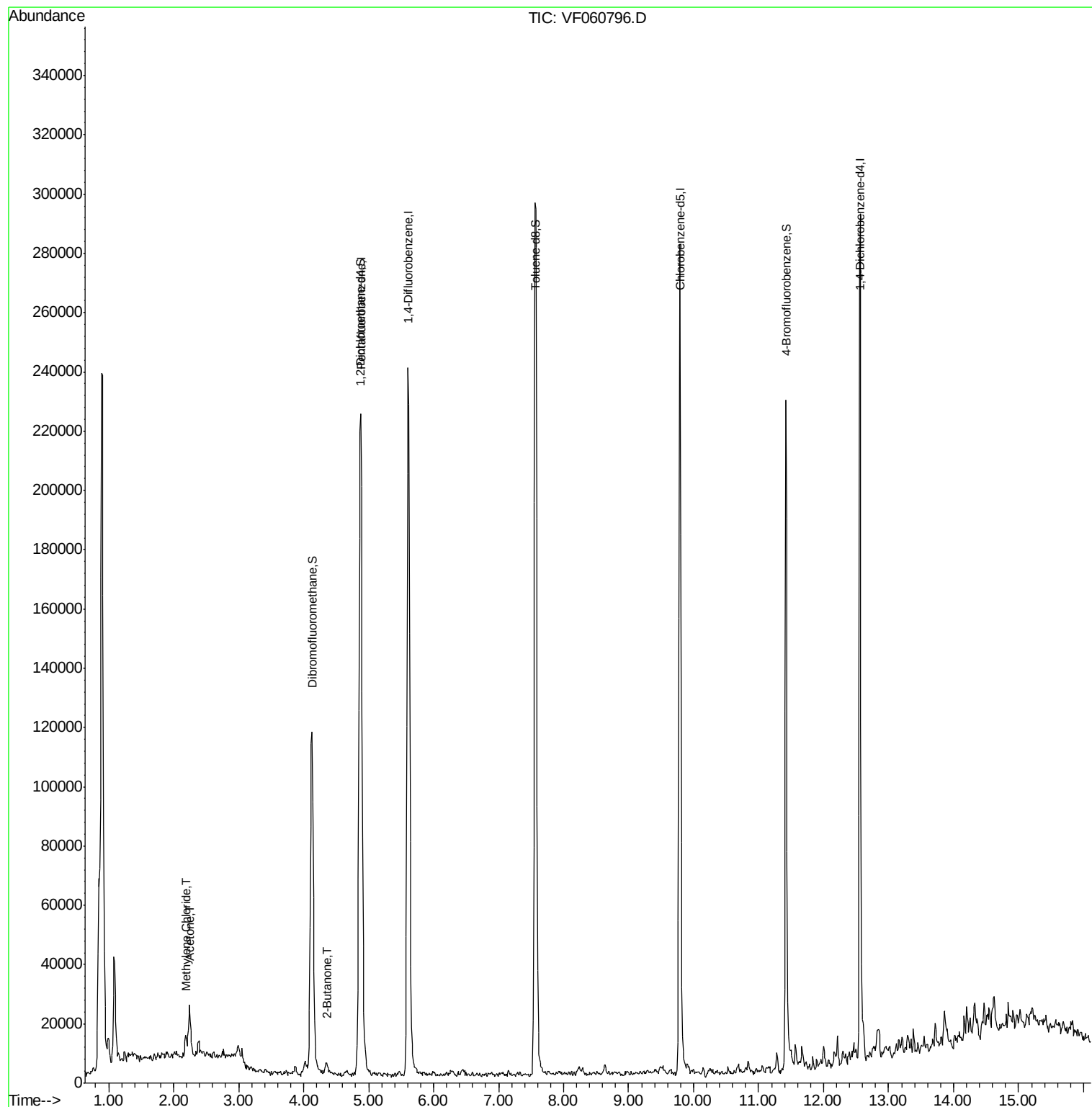
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111918\
Data File : VF060796.D
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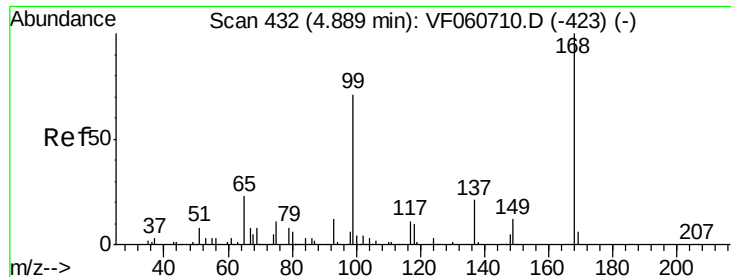
Instrument :
MSVOA_F
ClientSampleId :
VTW-01(7-10)

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Quant Time: Nov 20 03:43:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.00 min

Lab File: VF060796.D

Acq: 20 Nov 2018 00:48

Instrument :

MSVOA_F

ClientSampleId :

VTW-01(7-10)

Tot Ion:168 Resp: 175828

Ion Ratio Lower Upper

168 100

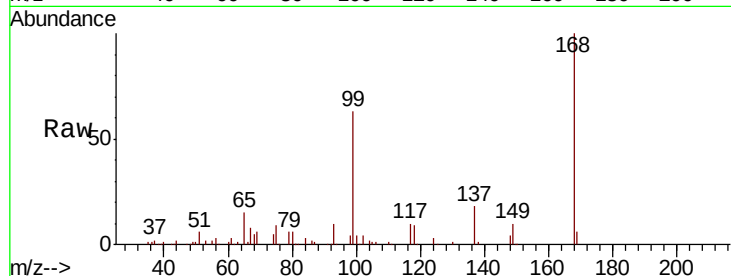
99 62.8 57.2 85.8

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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

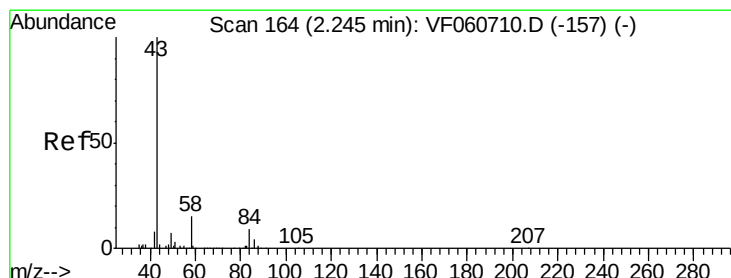
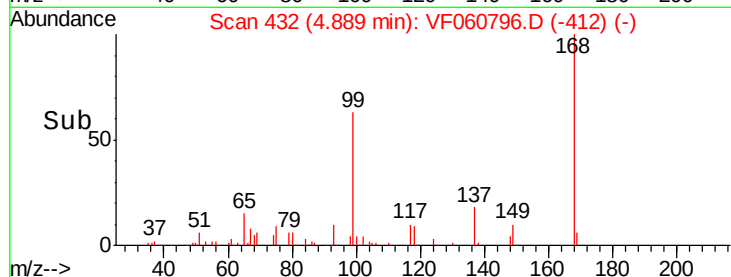
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 53.128 ug/l

RT: 2.25 min Scan# 164

Delta R.T. 0.00 min

Lab File: VF060796.D

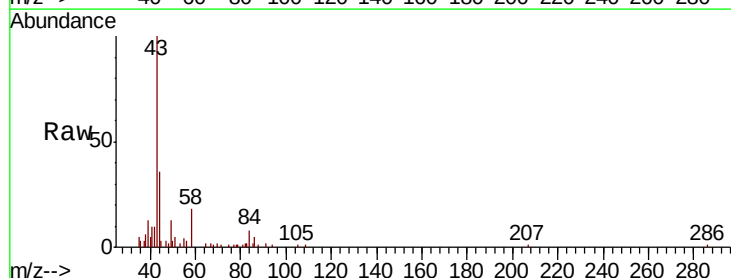
Acq: 20 Nov 2018 00:48

Tgt Ion: 43 Resp: 22774

Ion Ratio Lower Upper

43 100

58 18.0 11.6 17.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.25

10000

8000

6000

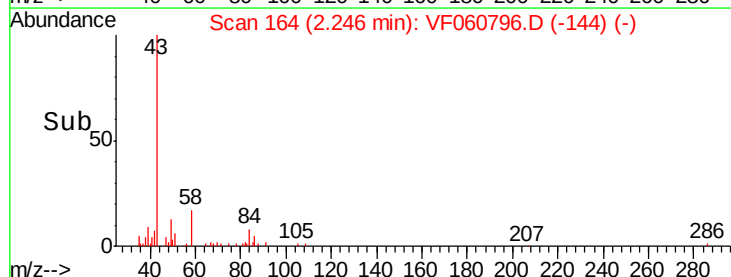
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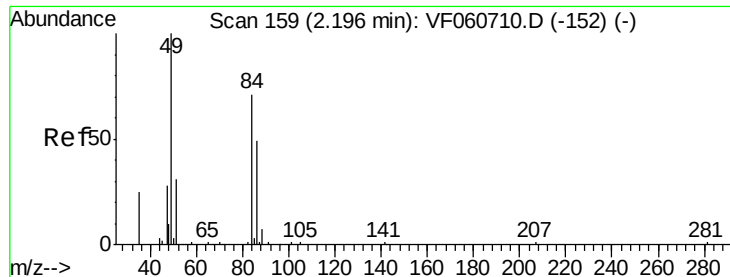
2000

0

Time-->

2.20 2.30 2.40





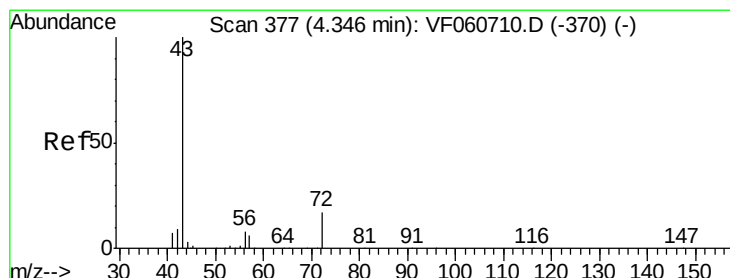
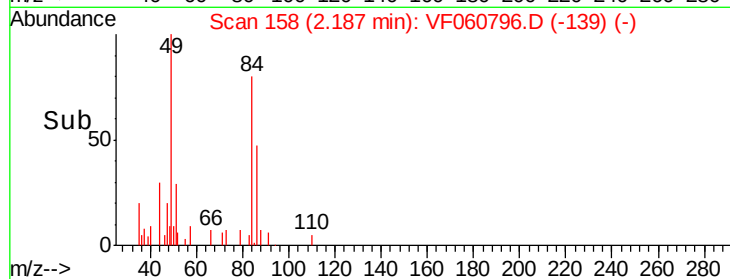
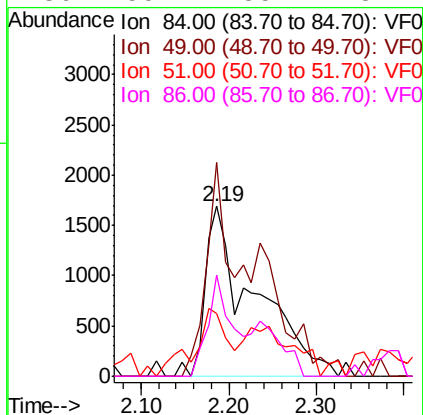
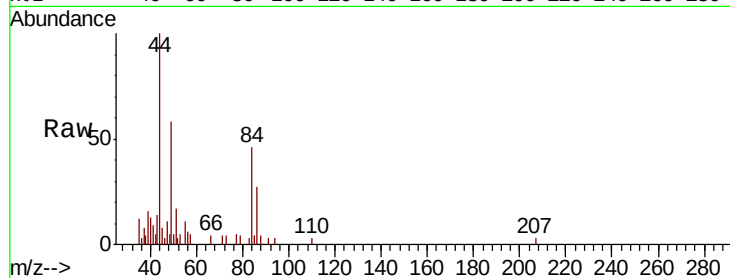
#20
Methylene Chloride
Concen: 1.837 ug/l m
RT: 2.19 min Scan# 158
Delta R.T. -0.01 min
Lab File: VF060796.D
Acq: 20 Nov 2018 00:48

Instrument :
MSVOA_F
ClientSampleId :
VTW-01(7-10)

Tot Ion	Ratio	Lower	Upper
84	100		
49	125.7	120.2	180.4
51	36.6	37.2	55.8#
86	59.4	55.1	82.7

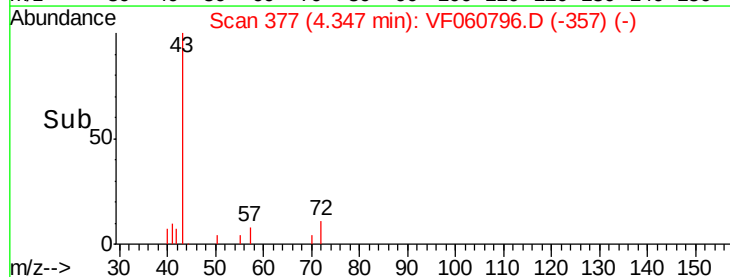
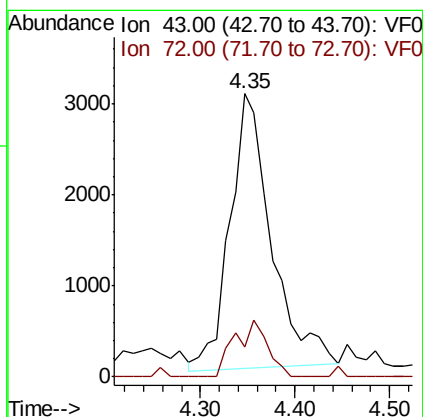
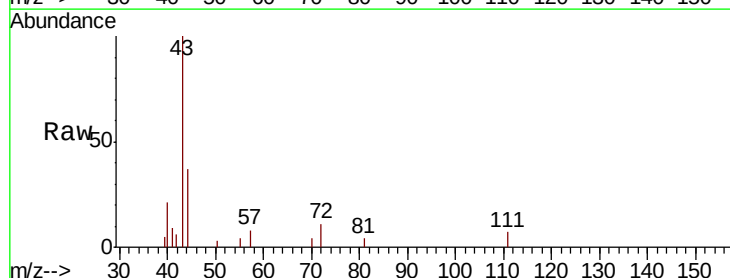
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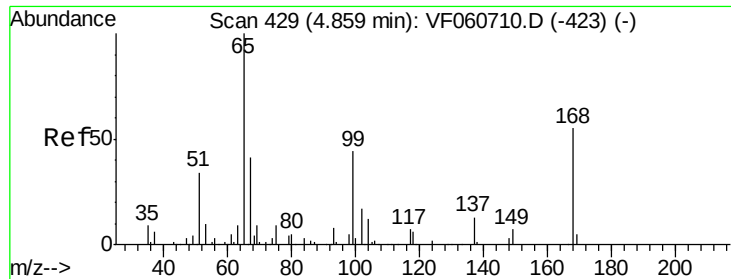
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#25
2-Butanone
Concen: 12.946 ug/l
RT: 4.35 min Scan# 377
Delta R.T. 0.00 min
Lab File: VF060796.D
Acq: 20 Nov 2018 00:48

Tgt Ion	Ratio	Lower	Upper
43	100		
72	10.6	16.1	24.1#





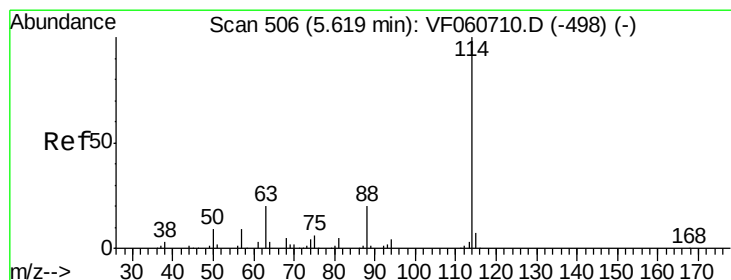
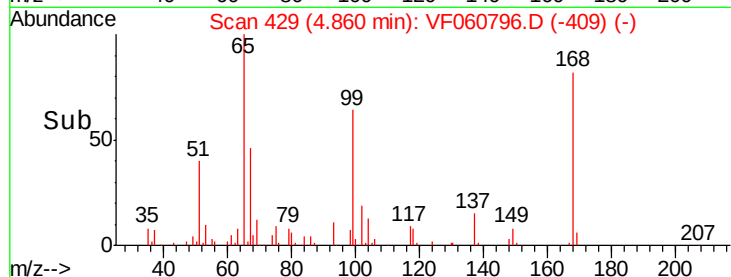
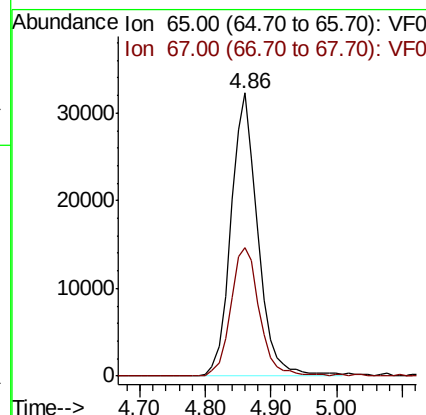
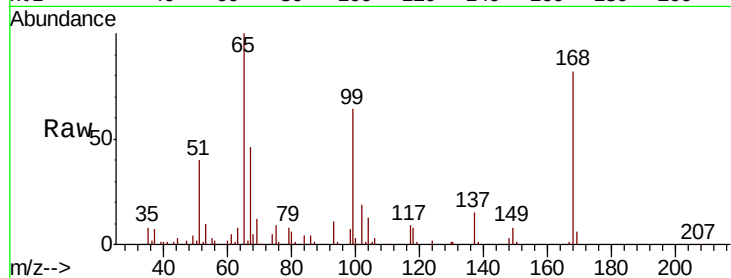
#33
 1,2-Dichloroethane-d4
 Concen: 46.105 ug/l
 RT: 4.86 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: VF060796.D
 Acq: 20 Nov 2018 00:48

Instrument :
 MSVOA_F
 ClientSampleId :
 VTW-01(7-10)

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	45.5	0.0	90.2	

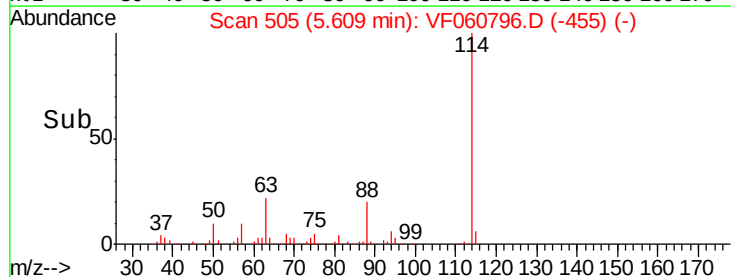
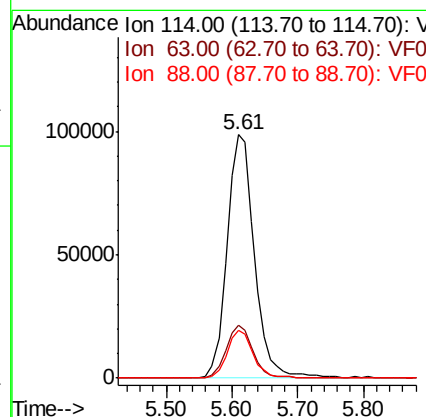
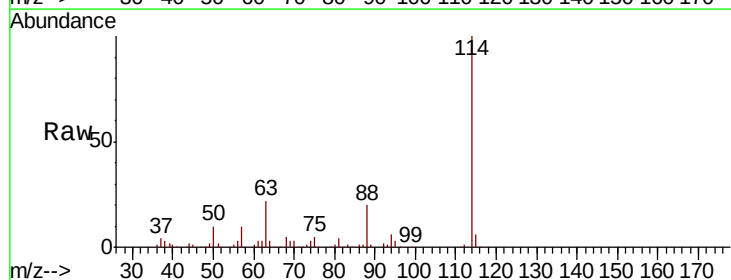
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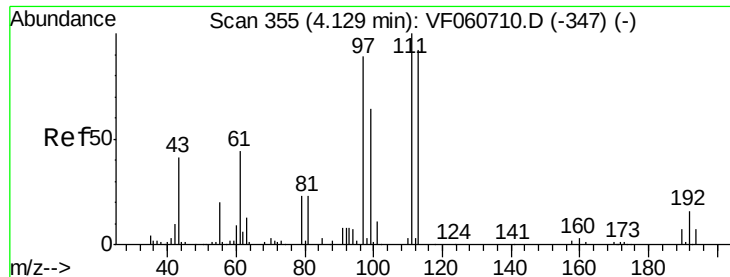
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: VF060796.D
 Acq: 20 Nov 2018 00:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.5	0.0	40.8	
88	19.6	0.0	39.6	





#35

Dibromofluoromethane

Concen: 52.614 ug/l

RT: 4.13 min Scan# 355

Delta R.T. 0.00 min

Lab File: VF060796.D

Acq: 20 Nov 2018 00:48

Instrument :

MSVOA_F

ClientSampleId :

VTW-01(7-10)

Tot Ion: 113 Resp: 113526

Ion Ratio Lower Upper

113 100

111 98.9 87.1 130.7

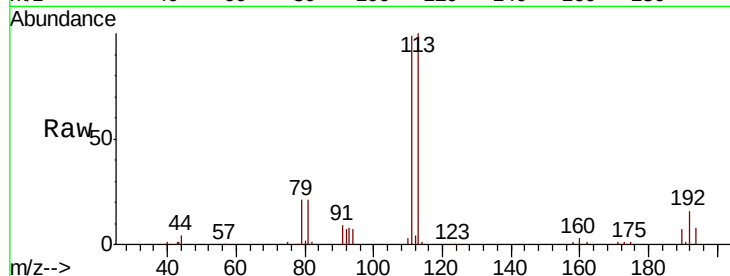
192 16.1 13.8 20.6

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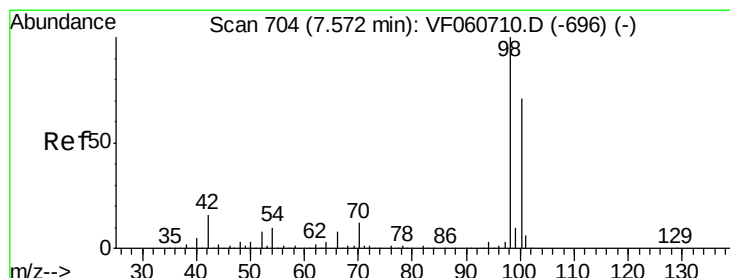
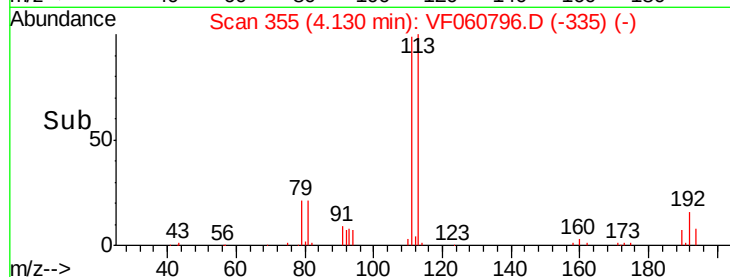
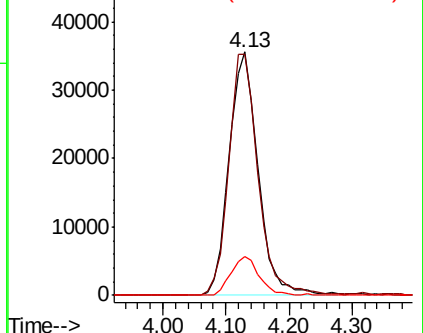
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Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#50

Toluene-d8

Concen: 47.296 ug/l

RT: 7.57 min Scan# 704

Delta R.T. 0.00 min

Lab File: VF060796.D

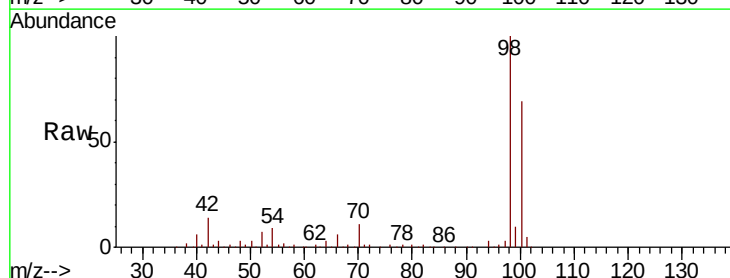
Acq: 20 Nov 2018 00:48

Tgt Ion: 98 Resp: 262975

Ion Ratio Lower Upper

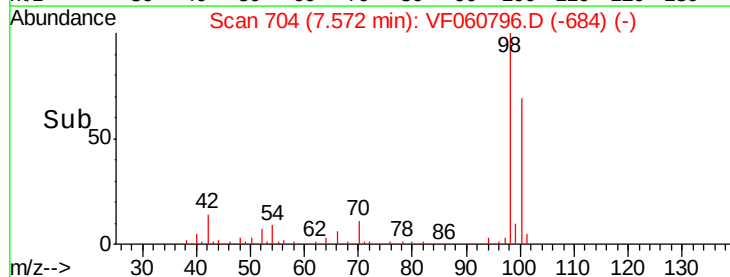
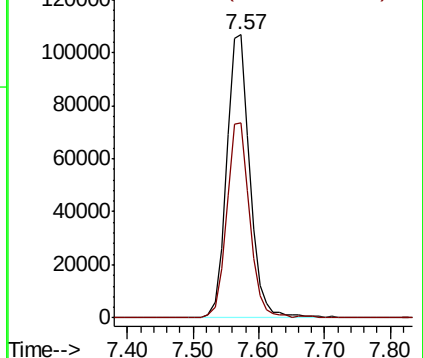
98 100

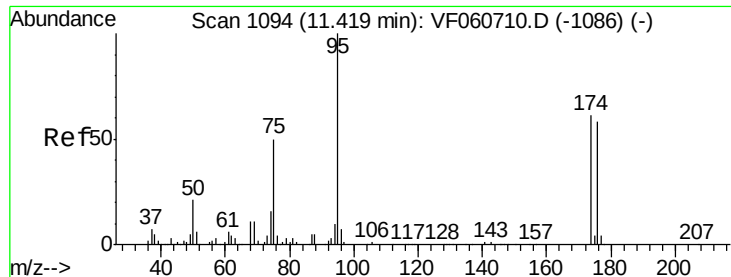
100 68.8 56.5 84.7



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 34.211 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF060796.D

Acq: 20 Nov 2018 00:48

Instrument :

MSVOA_F

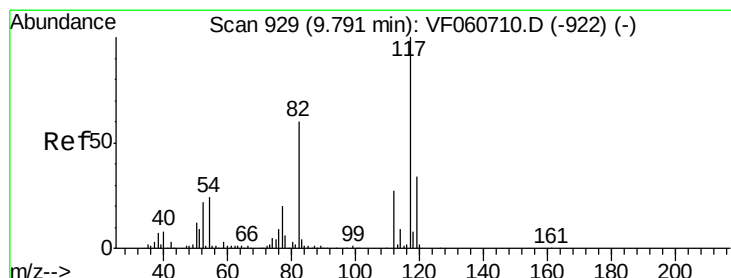
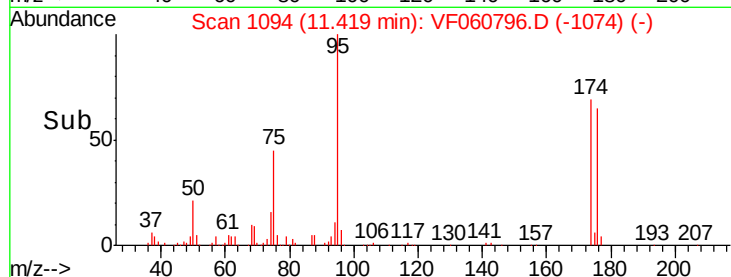
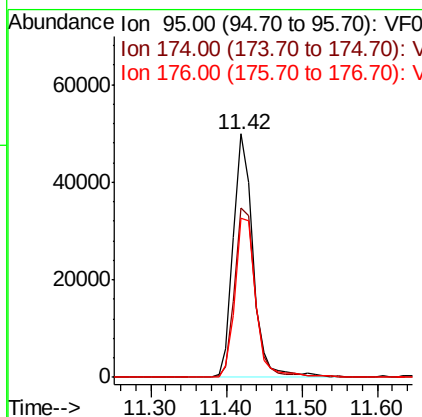
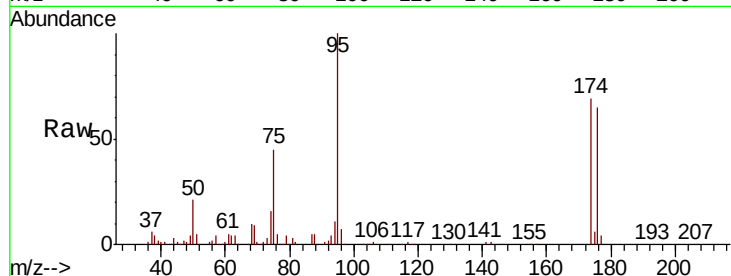
ClientSampleId :

VTW-01(7-10)

Tot Ion:	95	Resp:	90616
Ion	Ratio	Lower	Upper
95	100		
174	69.3	0.0	121.6
176	65.2	0.0	115.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

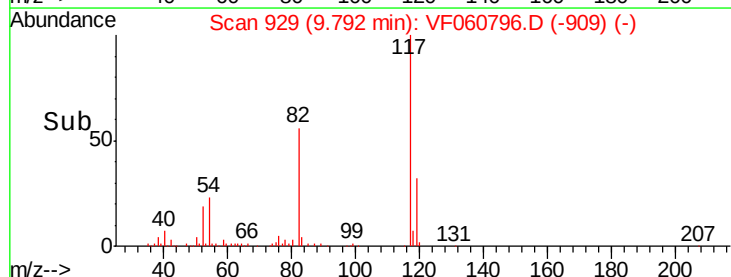
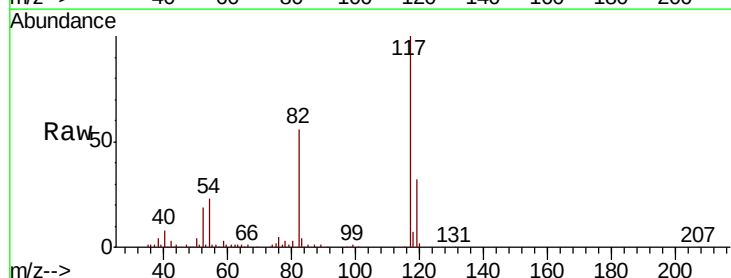
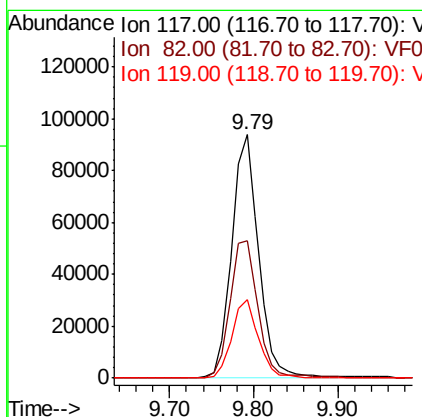
RT: 9.79 min Scan# 929

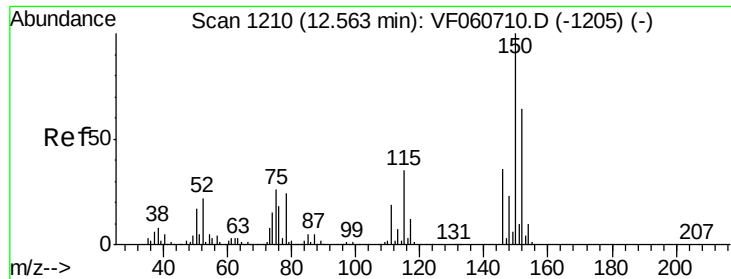
Delta R.T. 0.00 min

Lab File: VF060796.D

Acq: 20 Nov 2018 00:48

Tgt Ion:	117	Resp:	208737
Ion	Ratio	Lower	Upper
117	100		
82	56.5	47.9	71.9
119	32.0	26.8	40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1210

Delta R.T. 0.00 min

Lab File: VF060796.D

Acq: 20 Nov 2018 00:48

Instrument :

MSVOA_F

ClientSampleId :

VTW-01(7-10)

Tot Ion:152 Resp: 77705

Ion Ratio Lower Upper

152 100

115 56.8 27.9 83.7

150 159.8 0.0 316.4

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