

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
 Data File : VF061325.D
 Acq On : 10 Jan 2019 4:38
 Operator : VA/AP
 Sample : K1006-13
 Misc : 5.48g/5mL/MSVOA-F/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-03-010819-G

Manual Integrations
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 1/10/2019 3:33:07 PM

Quant Time: Jan 10 07:13:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	170288	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	266054	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.79	117	161608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	96854	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	130827	69.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.04%	
35) Dibromofluoromethane	4.13	113	139745	68.65	ug/l	0.02
Spiked Amount 50.000			Recovery	=	137.30%	
50) Toluene-d8	7.57	98	118479	19.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	39.34%	
62) 4-Bromofluorobenzene	11.42	95	123834	47.07	ug/l	0.01
Spiked Amount 50.000			Recovery	=	94.14%	
Target Compounds						
16) Acetone	2.24	43	20893m	47.385	ug/l	Qvalue
20) Methylene Chloride	2.18	84	4509m	2.417	ug/l	

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

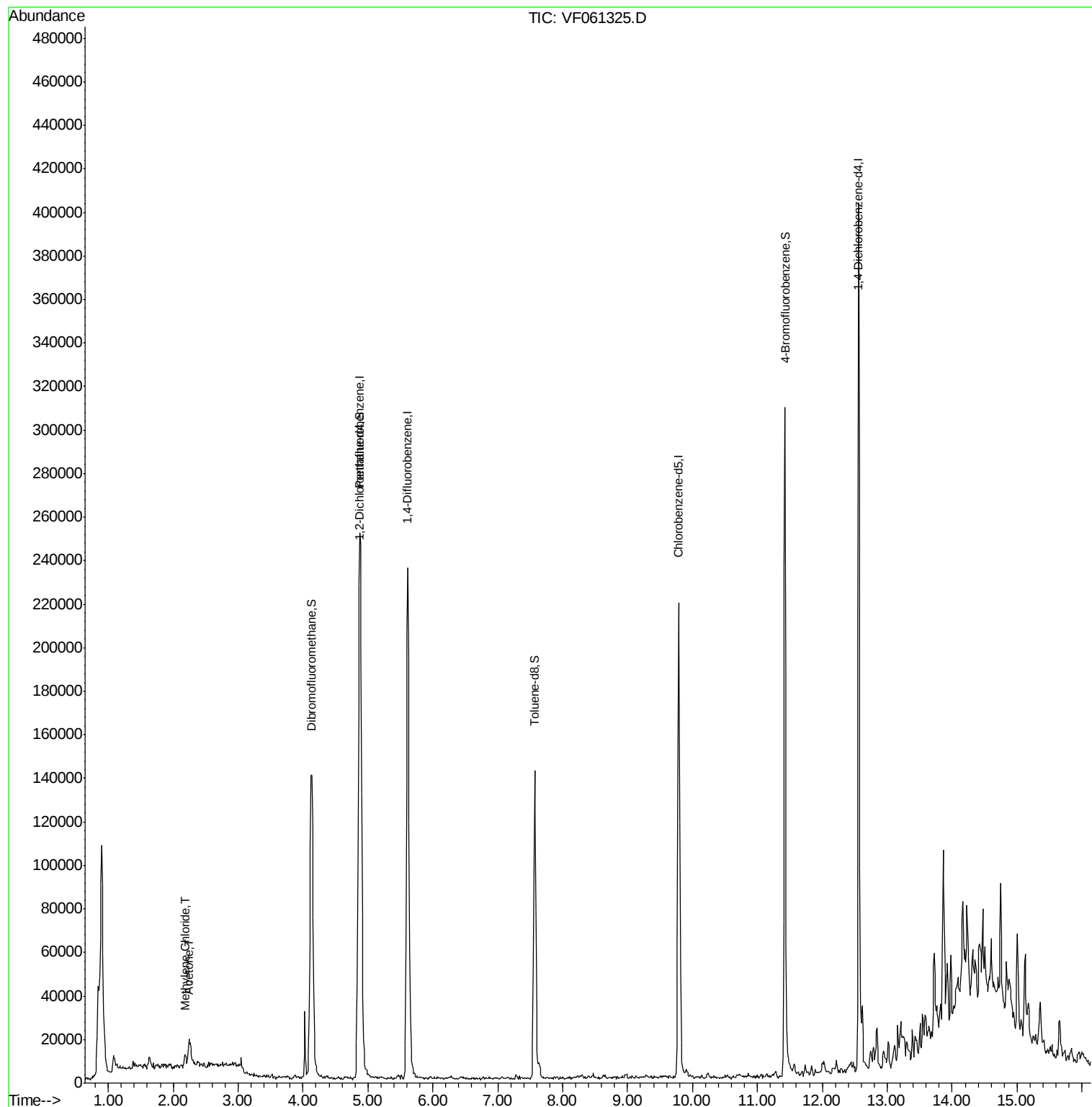
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF010919\
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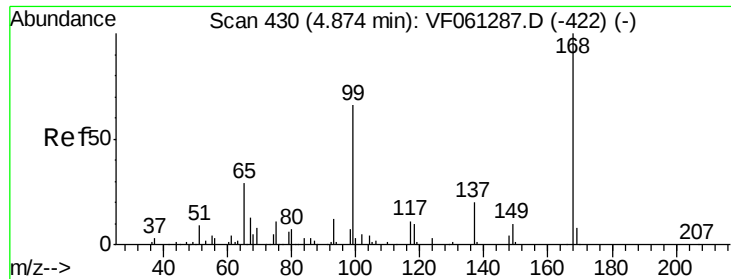
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF061325.D

Acq: 10 Jan 2019 4:38

Instrument :

MSVOA_F

ClientSampleId :

JC-03-010819-G

Tot Ion:168 Resp: 170288

Ion Ratio Lower Upper

168 100

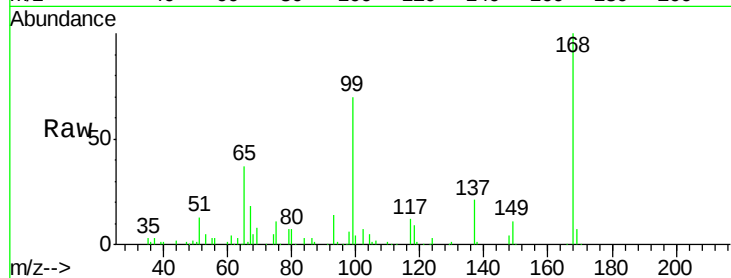
99 70.3 52.7 79.1

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

4.88

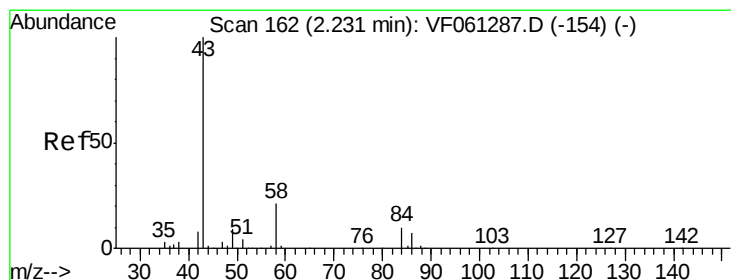
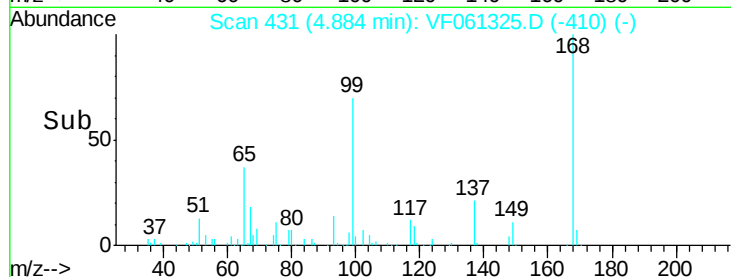
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 47.385 ug/l m

RT: 2.24 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF061325.D

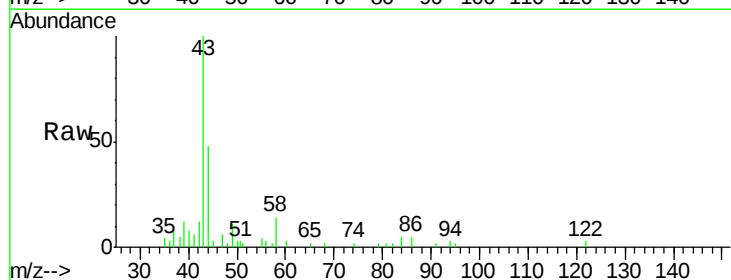
Acq: 10 Jan 2019 4:38

Tgt Ion: 43 Resp: 20893

Ion Ratio Lower Upper

43 100

58 14.1 16.6 25.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

8000

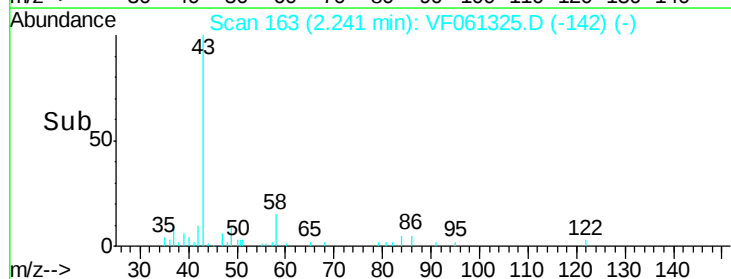
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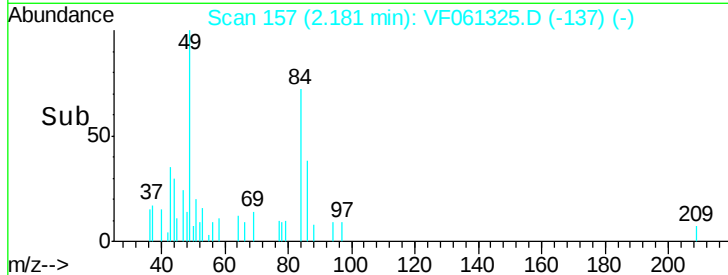
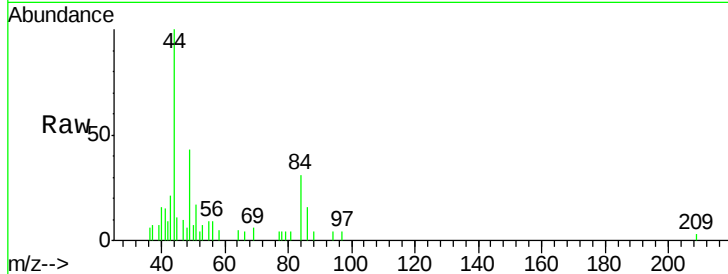
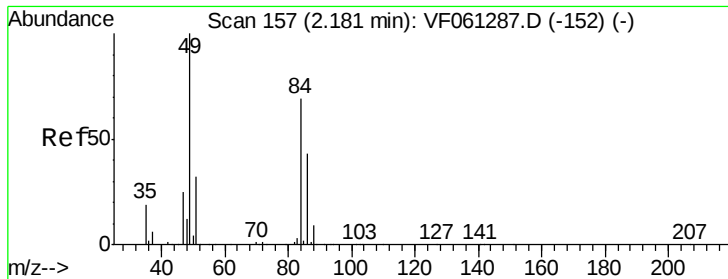
4000

2000

0

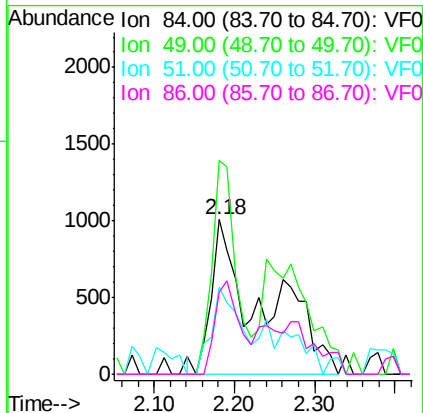
Time-->





#20
Methvlene Chloride
Concen: 2.417 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. 0.00 min
Lab File: VF061325.D
Acq: 10 Jan 2019 4:38

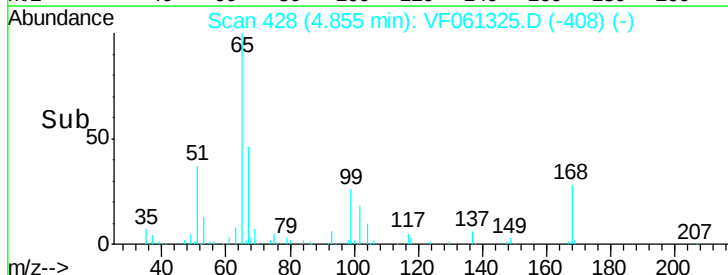
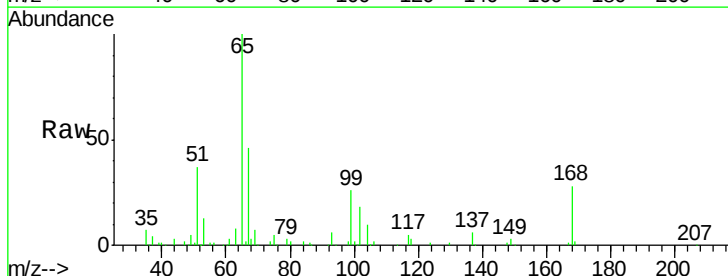
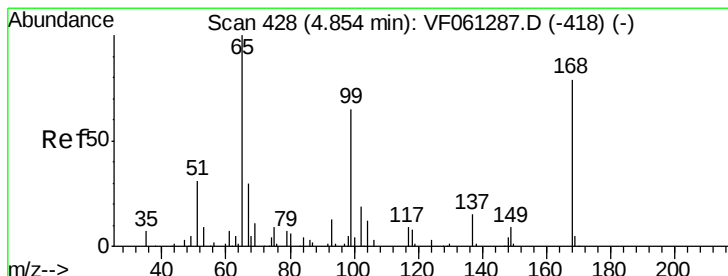
Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	138.1	116.6	175.0	
51	56.3	37.7	56.5	
86	52.8	49.8	74.8	



Instrument :
MSVOA_F
ClientSampleId :
JC-03-010819-G

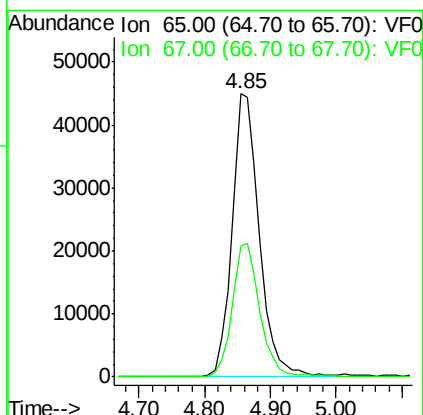
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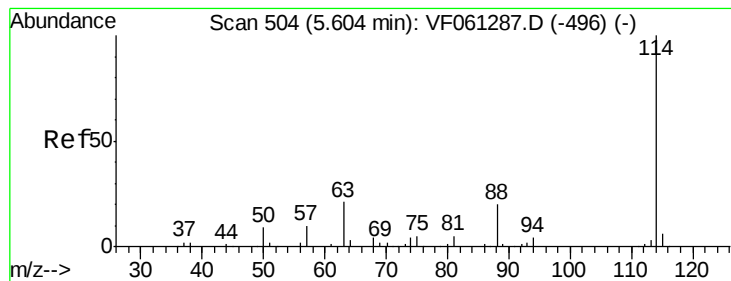
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#33
1,2-Dichloroethane-d4
Concen: 69.023 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.00 min
Lab File: VF061325.D
Acq: 10 Jan 2019 4:38

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
67	46.1	0.0	98.2	





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.01 min

Lab File: VF061325.D

Acq: 10 Jan 2019 4:38

Instrument :

MSVOA_F

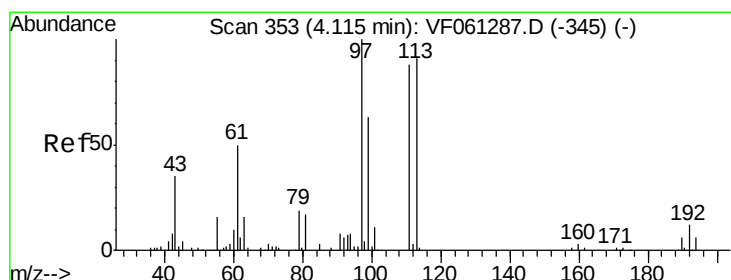
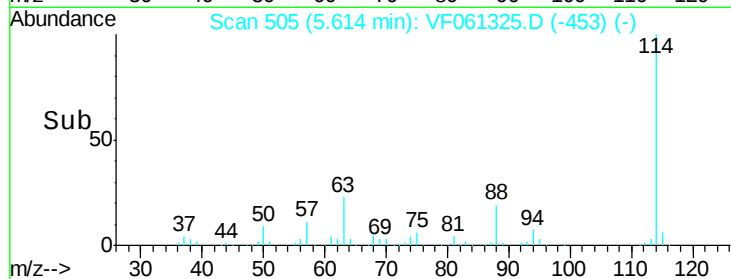
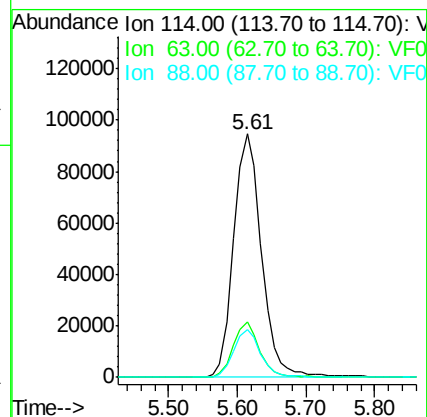
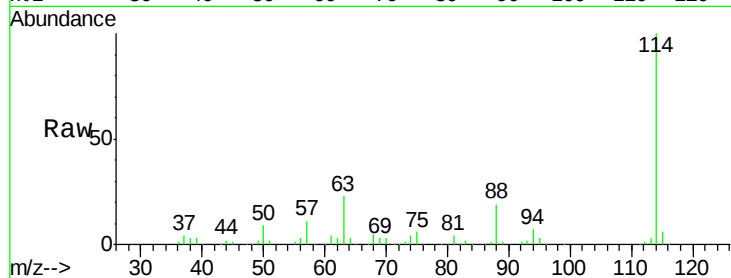
ClientSampleId :

JC-03-010819-G

Tot Ion:	114	Resp:	266054
Ion Ratio	Lower	Upper	
114	100		
63	22.5	0.0	42.8
88	19.4	0.0	40.0

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#35

Dibromofluoromethane

Concen: 68.645 ug/l

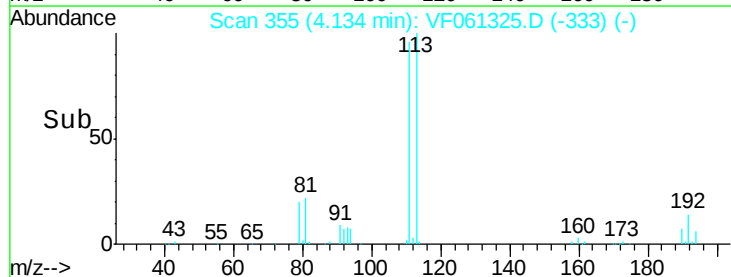
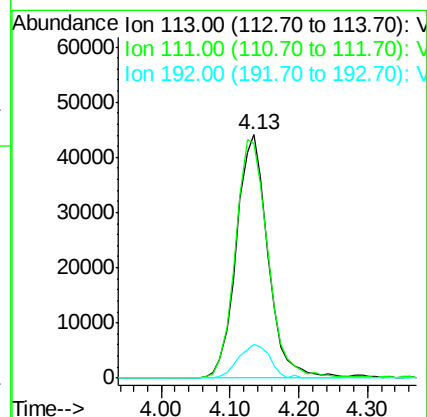
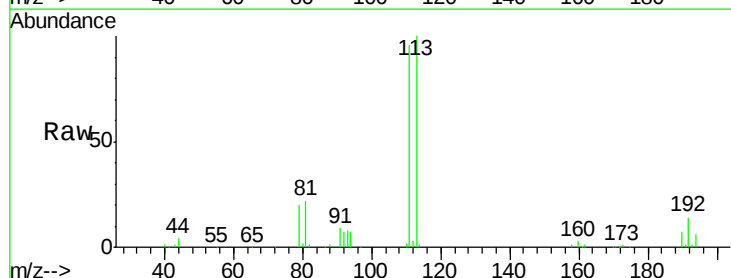
RT: 4.13 min Scan# 355

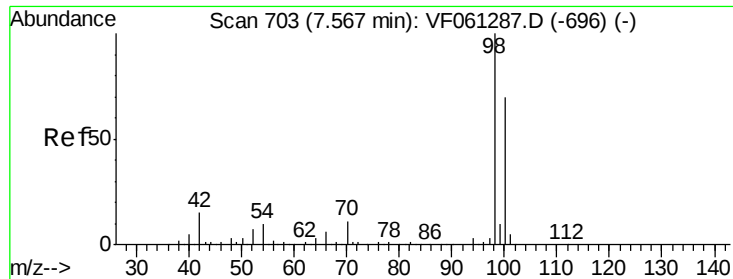
Delta R.T. 0.02 min

Lab File: VF061325.D

Acq: 10 Jan 2019 4:38

Tgt Ion:	113	Resp:	139745
Ion Ratio	Lower	Upper	
113	100		
111	96.5	78.0	117.0
192	13.7	10.6	16.0





#50

Toluene-d8

Concen: 19.667 ug/l

RT: 7.57 min Scan# 703

Delta R.T. 0.00 min

Lab File: VF061325.D

Acq: 10 Jan 2019 4:38

Instrument :

MSVOA_F

ClientSampleId :

JC-03-010819-G

Tot Ion: 98 Resp: 118479

Ion Ratio Lower Upper

98 100

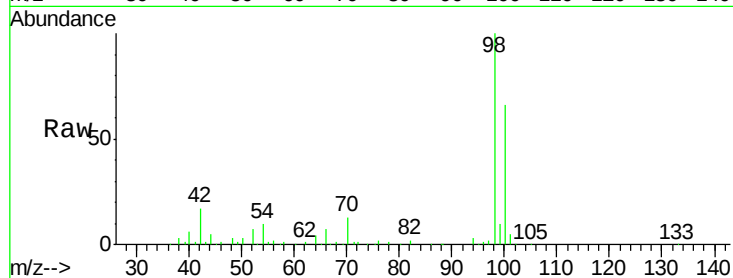
100 66.3 55.6 83.4

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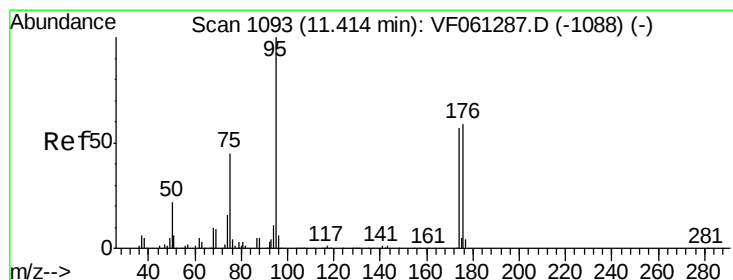
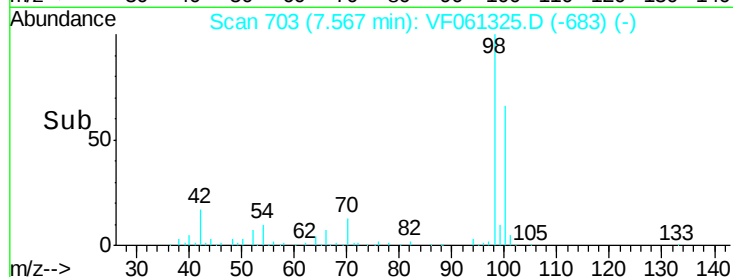
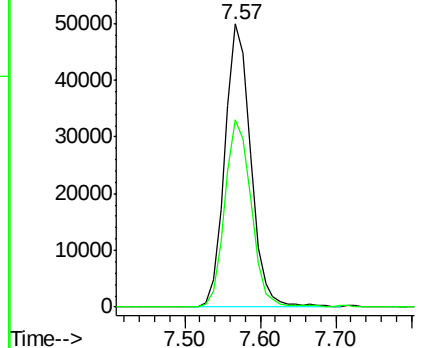
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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 47.075 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VF061325.D

Acq: 10 Jan 2019 4:38

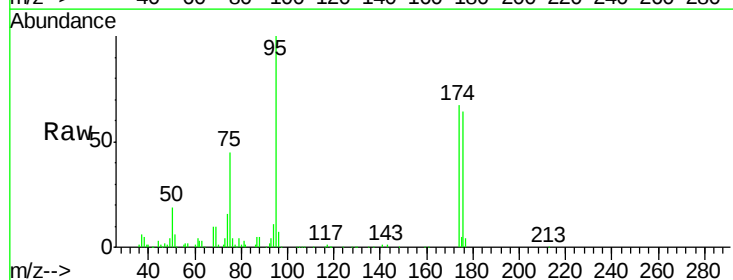
Tgt Ion: 95 Resp: 123834

Ion Ratio Lower Upper

95 100

174 66.8 0.0 114.2

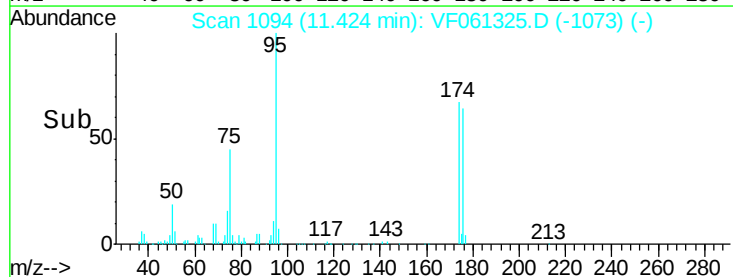
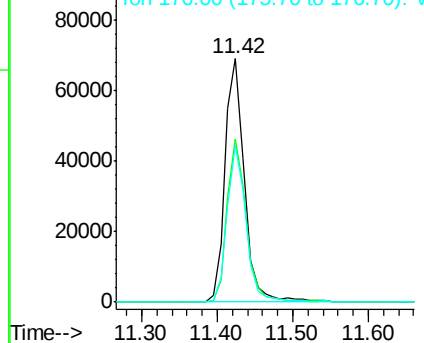
176 64.5 0.0 117.8

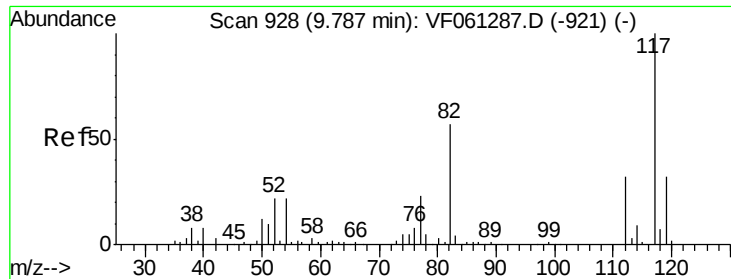


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





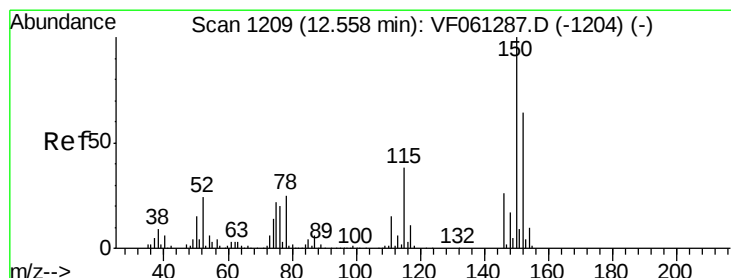
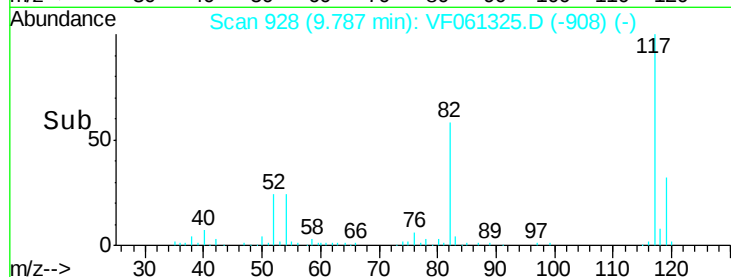
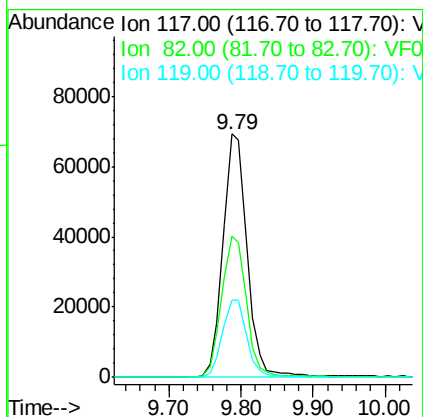
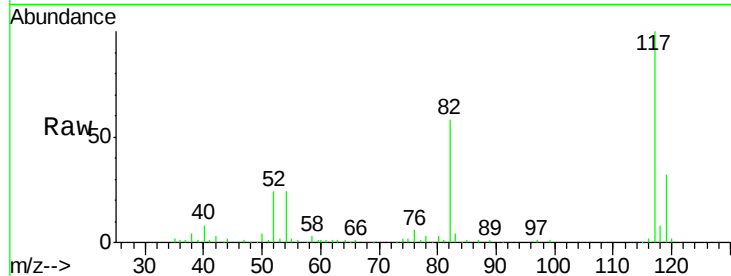
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF061325.D
Acq: 10 Jan 2019 4:38

Instrument :
MSVOA_F
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JC-03-010819-G

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.3	67.9
119	31.9	25.4	38.0

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF061325.D
Acq: 10 Jan 2019 4:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.8	29.6	88.9
150	157.1	0.0	315.4

