

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF020819\
 Data File : VF061572.D
 Acq On : 8 Feb 2019 22:06
 Operator : VA/AP
 Sample : K1423-01
 Misc : 4.89g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HB-VJ210

Manual Integrations
 APPROVED

MMDadoda
 2/12/2019 2:32:16 AM

Quant Time: Feb 09 06:00:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	160025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	278756	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	251210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	116842	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	96188	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
35) Dibromofluoromethane	4.10	113	108342	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
50) Toluene-d8	7.54	98	256370	42.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.08%	
62) 4-Bromofluorobenzene	11.40	95	113892	40.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.90%	
Target Compounds						
16) Acetone	2.23	43	17321	43.701	ug/l	93
20) Methylene Chloride	2.17	84	14525m	9.368	ug/l	

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

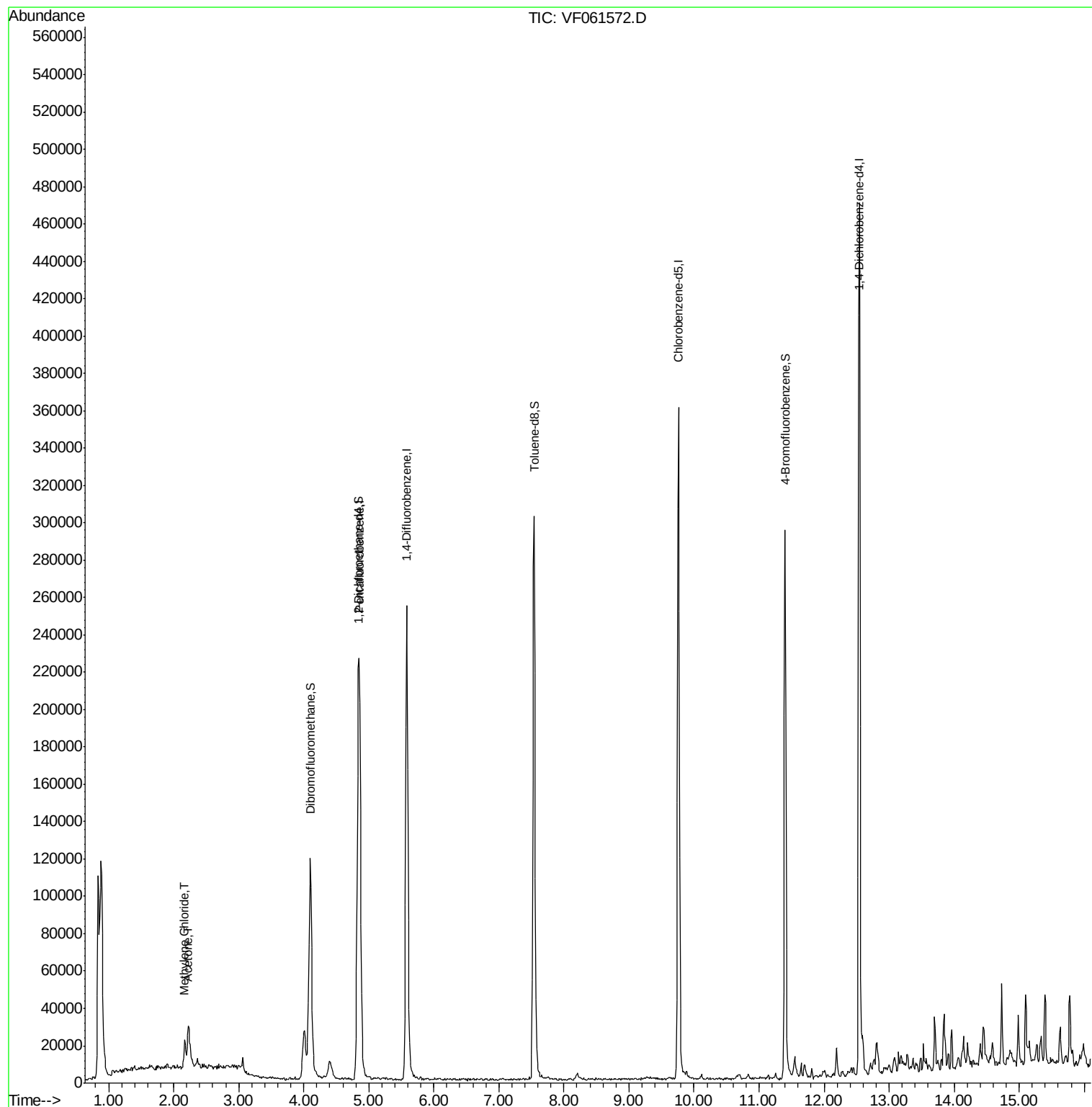
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF020819\
Data File : VF061572.D
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Operator : VA/AP
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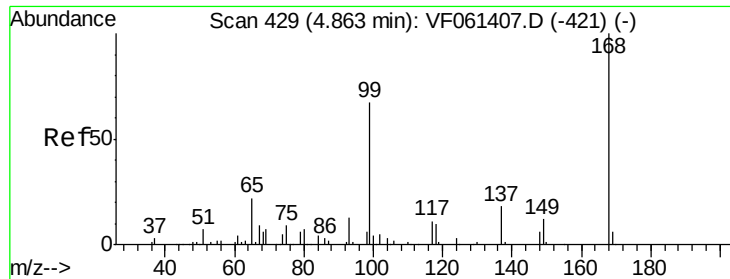
Instrument :
MSVOA_F
ClientSampleId :
HB-VJ210

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2/12/2019 2:32:16 AM

Quant Time: Feb 09 06:00:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.00 min

Lab File: VF061572.D

Acq: 8 Feb 2019 22:06

Instrument :

MSVOA_F

ClientSampleId :

HB-VJ210

Tot Ion:168 Resp: 160025

Ion Ratio Lower Upper

168 100

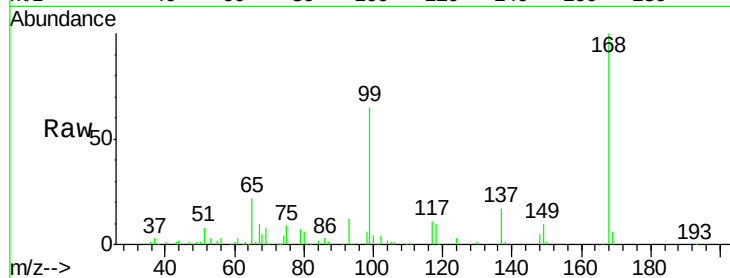
99 64.7 53.5 80.3

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

4.86

60000

50000

40000

30000

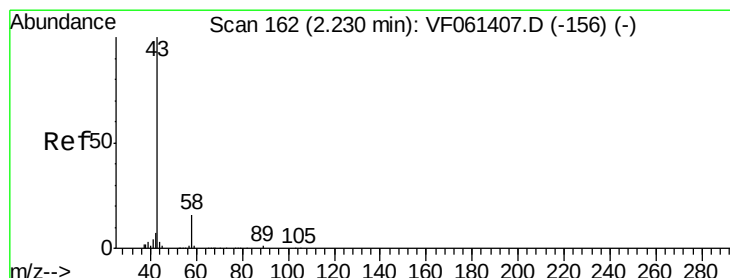
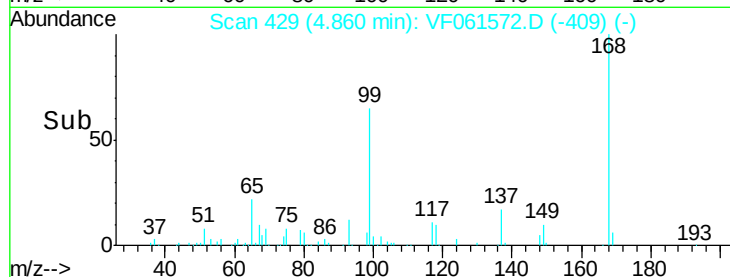
20000

10000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 43.701 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.00 min

Lab File: VF061572.D

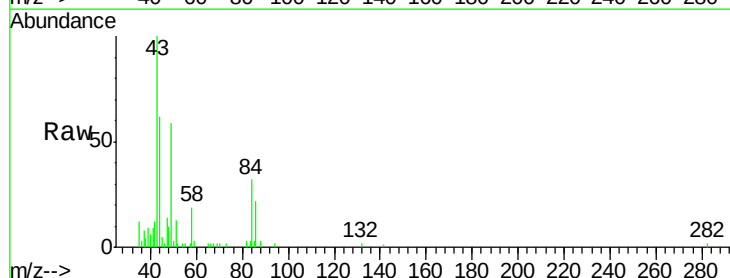
Acq: 8 Feb 2019 22:06

Tgt Ion: 43 Resp: 17321

Ion Ratio Lower Upper

43 100

58 19.4 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

8000

6000

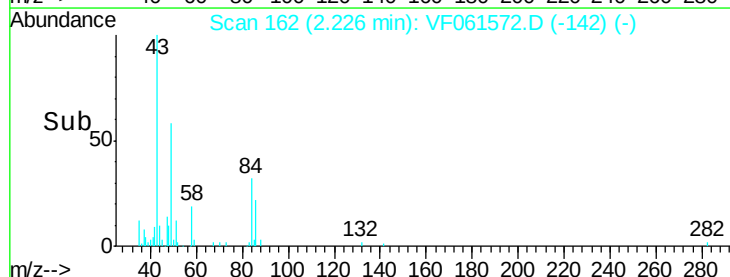
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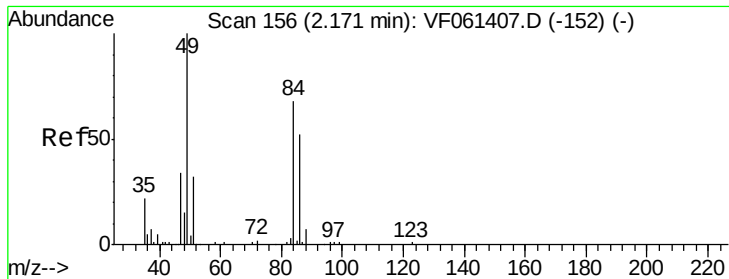
2000

0

2.20 2.30

Time-->





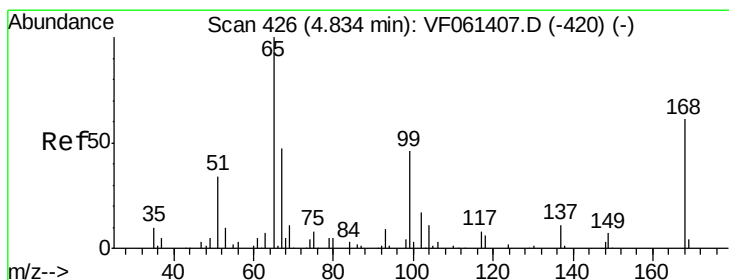
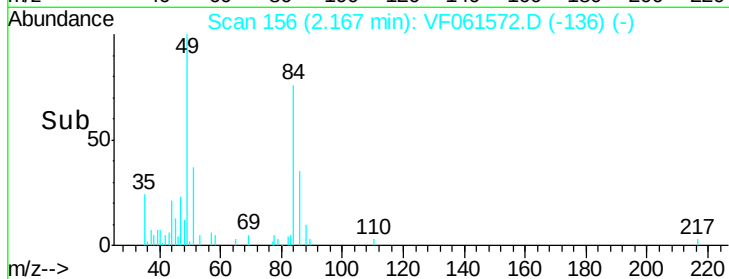
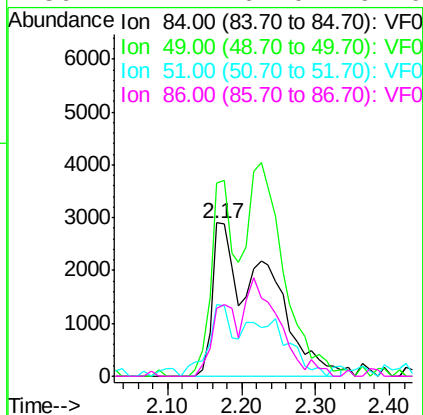
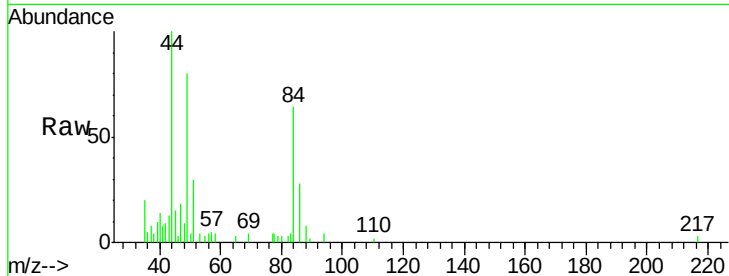
#20
Methylene Chloride
Concen: 9.368 ug/l m
RT: 2.17 min Scan# 156
Delta R.T. -0.00 min
Lab File: VF061572.D
Acq: 8 Feb 2019 22:06

Instrument :
MSVOA_F
ClientSampleId :
HB-VJ210

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	125.7	120.0	180.0	
51	46.9	38.6	58.0	
86	44.1	61.0	91.6	

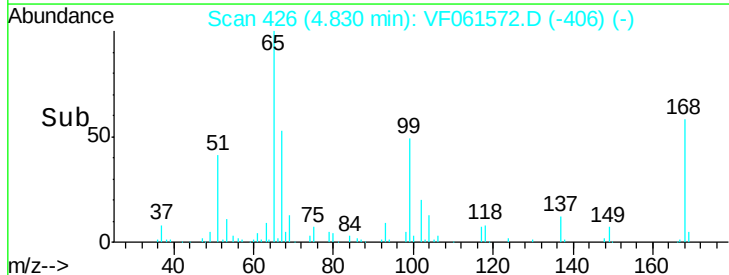
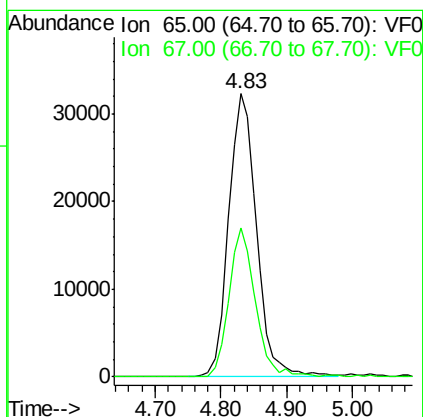
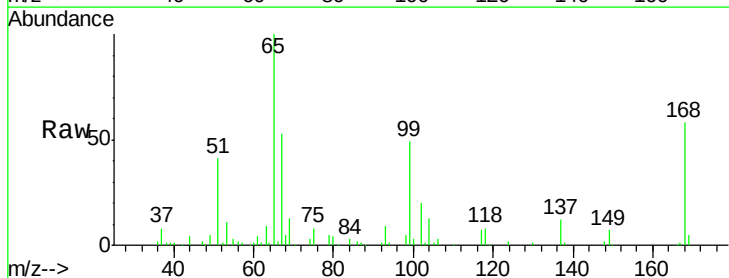
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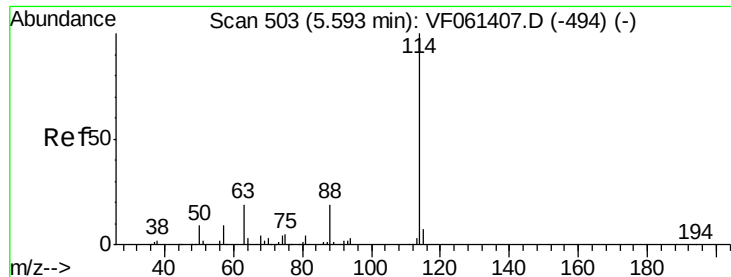
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#33
1,2-Dichloroethane-d4
Concen: 48.685 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.00 min
Lab File: VF061572.D
Acq: 8 Feb 2019 22:06

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
67	52.8	0.0	99.8	





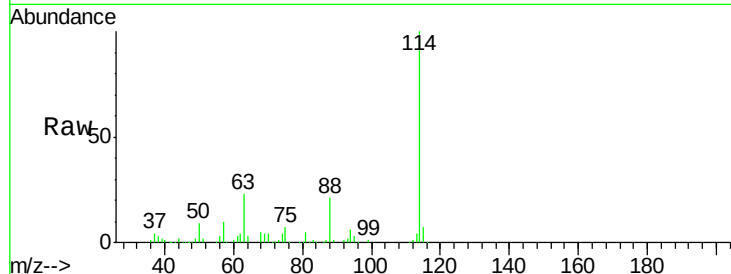
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: VF061572.D
 Acq: 8 Feb 2019 22:06

Instrument :
 MSVOA_F
 ClientSampleId :
 HB-VJ210

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	22.9	0.0	39.0
88	20.6	0.0	37.4

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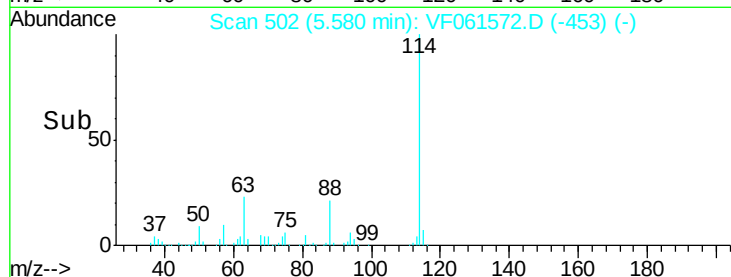
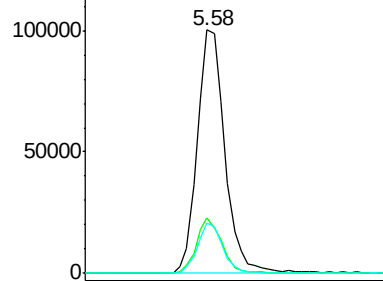
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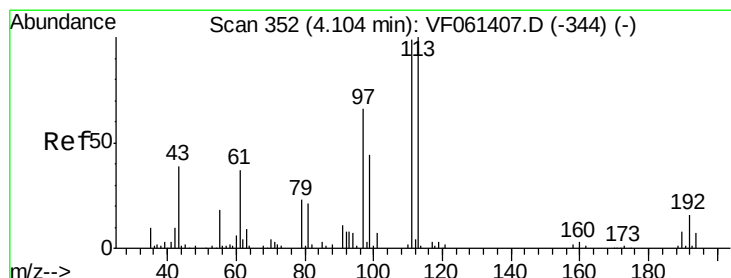
Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

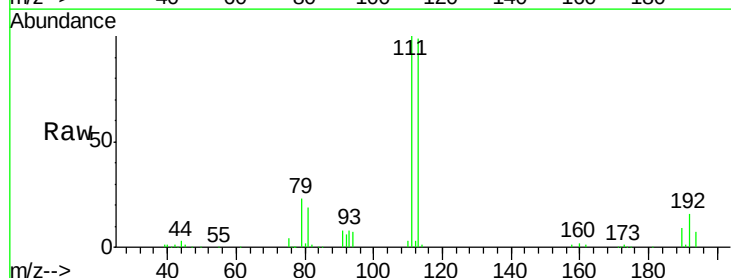


Time-->



#35
 Dibromofluoromethane
 Concen: 49.255 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VF061572.D
 Acq: 8 Feb 2019 22:06

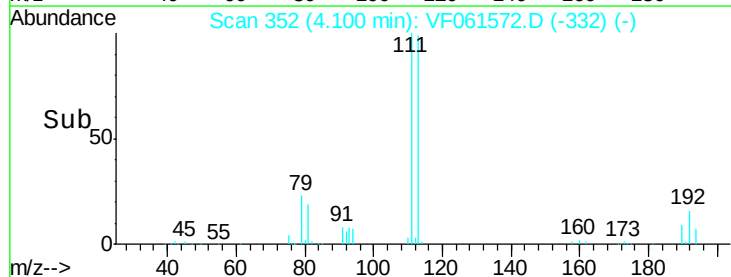
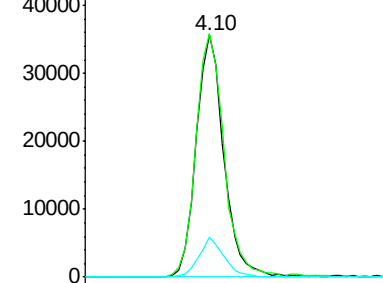
Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	100.6	79.4	119.0
192	16.3	12.4	18.6

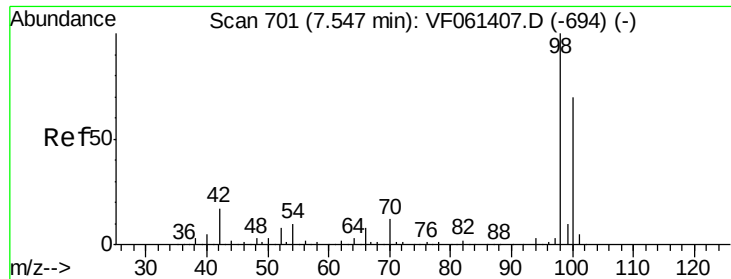


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





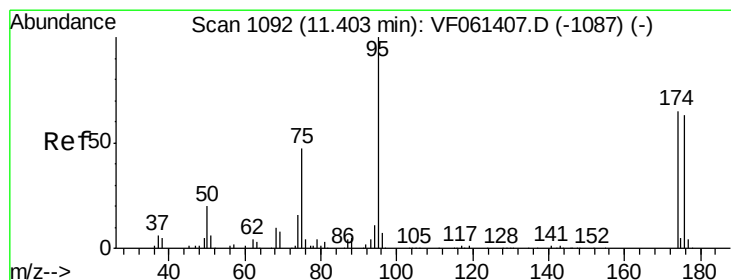
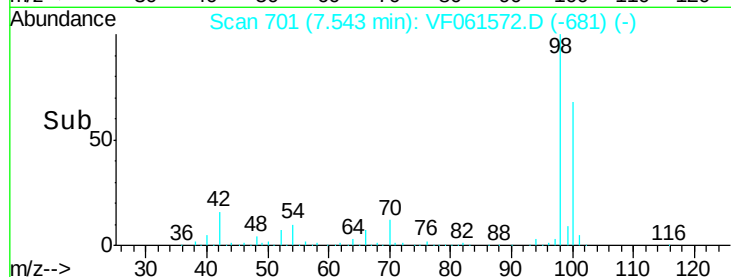
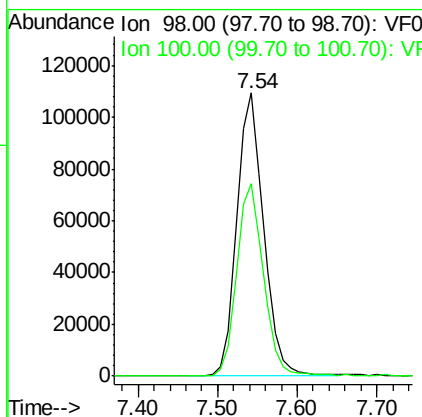
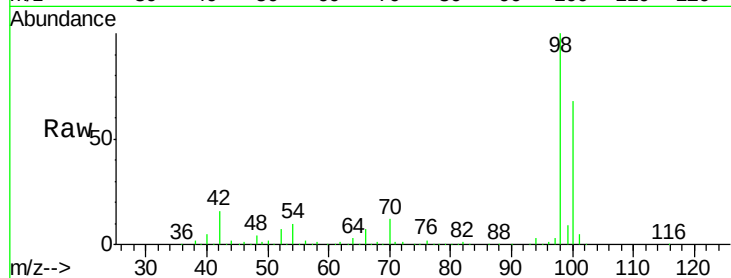
#50
Toluene-d8
Concen: 42.540 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.00 min
Lab File: VF061572.D
Acq: 8 Feb 2019 22:06

Instrument :
MSVOA_F
ClientSampleId :
HB-VJ210

Tot Ion: 98 Resp: 256370
Ion Ratio Lower Upper
98 100
100 67.9 55.6 83.4

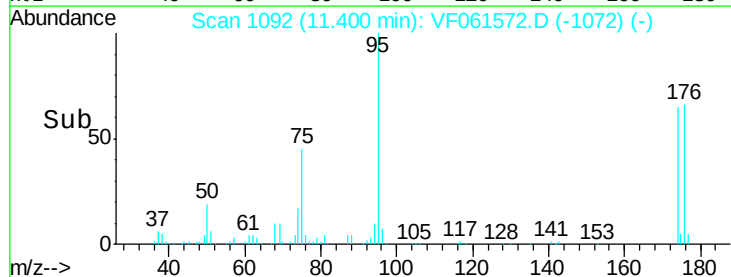
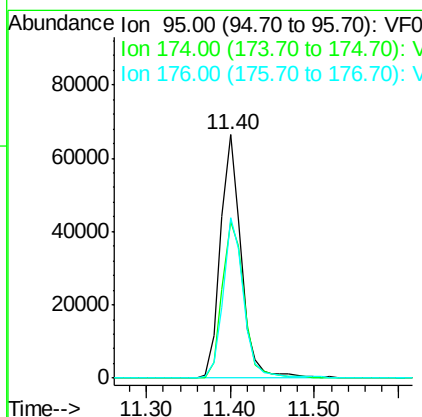
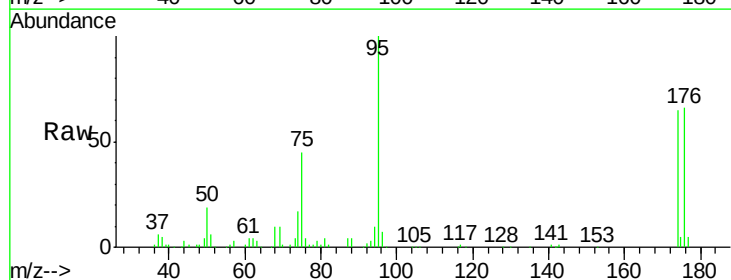
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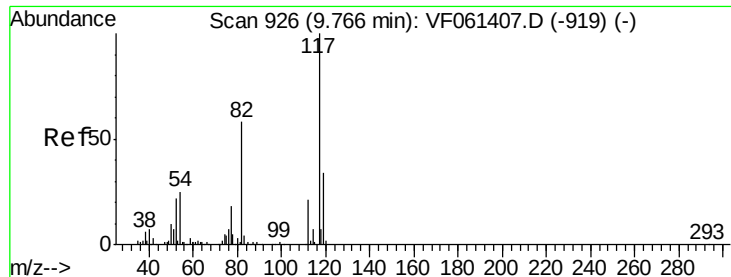
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#62
4-Bromofluorobenzene
Concen: 40.448 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VF061572.D
Acq: 8 Feb 2019 22:06

Tgt Ion: 95 Resp: 113892
Ion Ratio Lower Upper
95 100
174 64.5 0.0 130.4
176 65.9 0.0 126.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.76 min Scan# 926

Delta R.T. -0.00 min

Lab File: VF061572.D

Acq: 8 Feb 2019 22:06

Instrument :

MSVOA_F

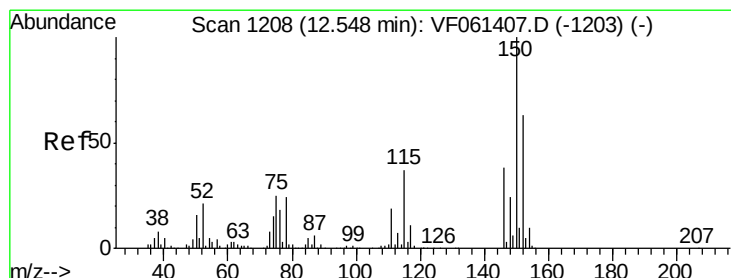
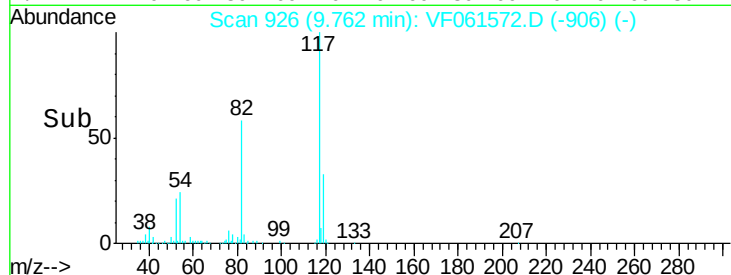
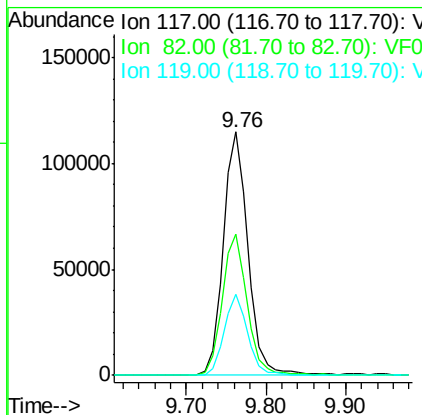
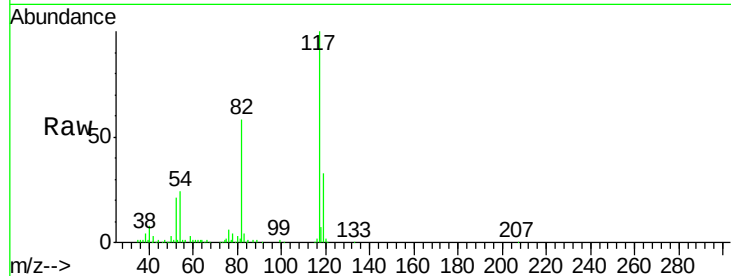
ClientSampleId :

HB-VJ210

Tot Ion:	117	Resp:	251210
Ion Ratio	Lower	Upper	
117	100		
82	58.2	46.4	69.6
119	33.2	27.2	40.8

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.00 min

Lab File: VF061572.D

Acq: 8 Feb 2019 22:06

Tgt Ion:	152	Resp:	116842
Ion Ratio	Lower	Upper	
152	100		
115	59.4	30.0	90.0
150	153.9	0.0	321.4

