

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011719\
 Data File : VF061449.D
 Acq On : 17 Jan 2019 17:22
 Operator : VA/AP
 Sample : K1188-03
 Misc : 6.50g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S3-FRONT-HOUSE-7

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 3:42:45 PM

Quant Time: Jan 18 04:13:35 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	189806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	322542	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	283699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	124942	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	144737	61.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.52%	
35) Dibromofluoromethane	4.10	113	159440	62.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.30%	
50) Toluene-d8	7.54	98	382094	54.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.58%	
62) 4-Bromofluorobenzene	11.40	95	171943	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
Target Compounds						
16) Acetone	2.24	43	10620	22.590	ug/l	94
20) Methylene Chloride	2.18	84	13419m	6.894	ug/l	
52) Toluene	7.61	92	69838	12.744	ug/l	99

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

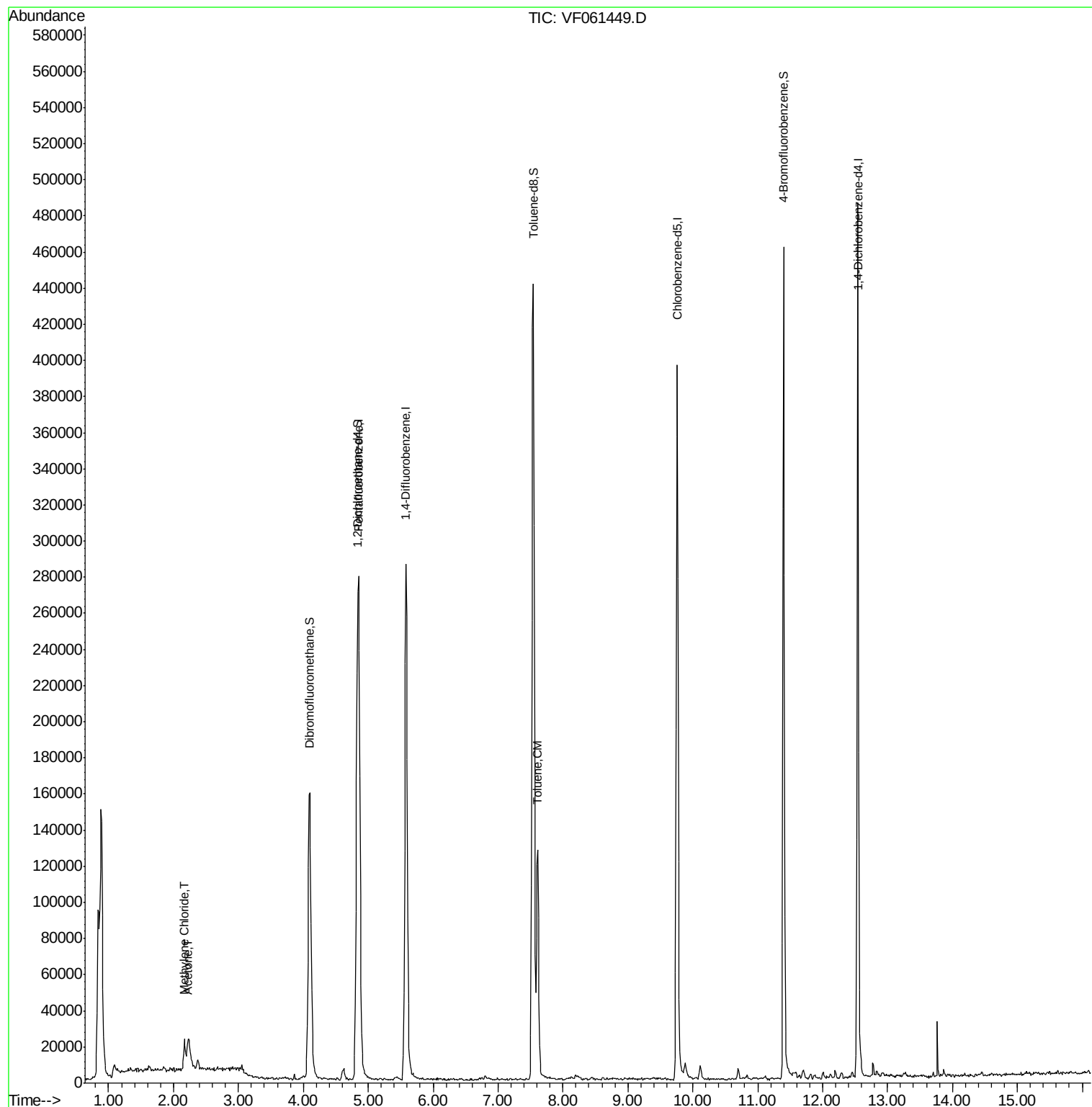
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011719\
Data File : VF061449.D
Acq On : 17 Jan 2019 17:22
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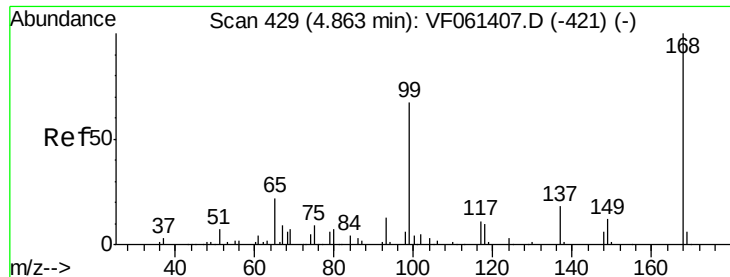
Instrument :
MSVOA_F
ClientSampleId :
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Quant Time: Jan 18 04:13:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.00 min

Lab File: VF061449.D

Acq: 17 Jan 2019 17:22

Instrument :

MSVOA_F

ClientSampleId :

S3-FRONT-HOUSE-7

Tot Ion:168 Resp: 189806

Ion Ratio Lower Upper

168 100

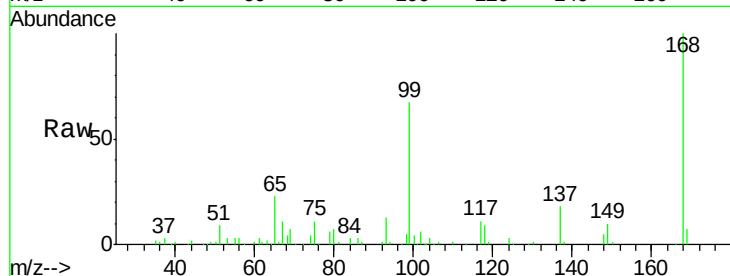
99 66.5 53.5 80.3

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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

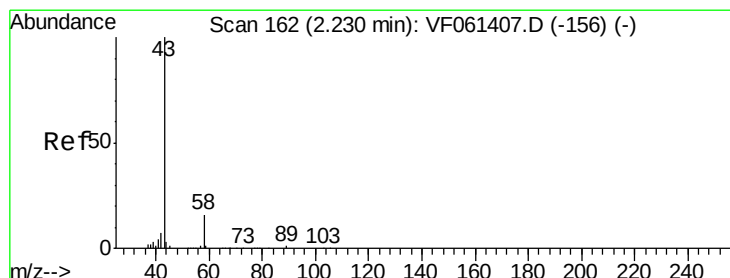
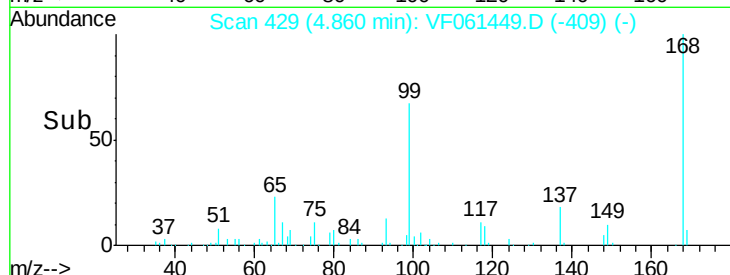
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 22.590 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF061449.D

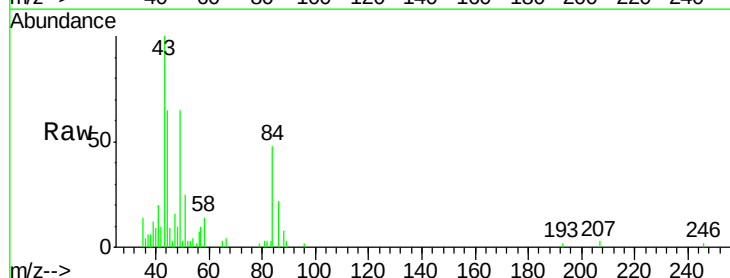
Acq: 17 Jan 2019 17:22

Tgt Ion: 43 Resp: 10620

Ion Ratio Lower Upper

43 100

58 14.0 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

5000

4000

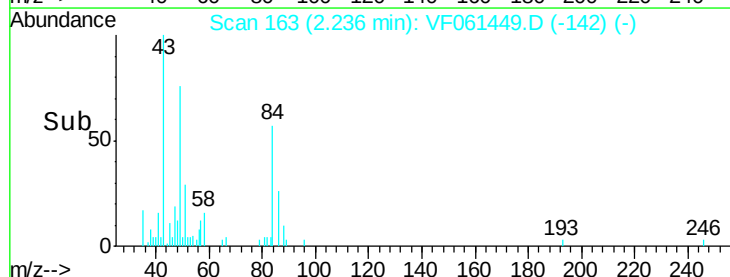
3000

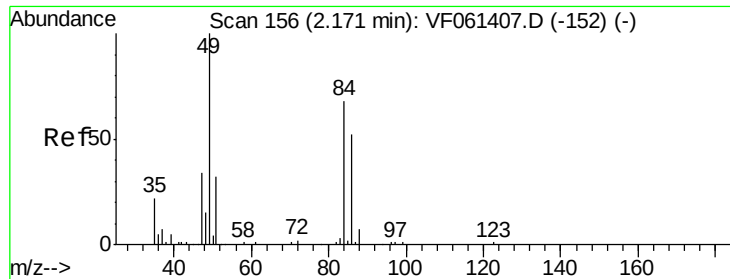
2000

1000

0

Time-->





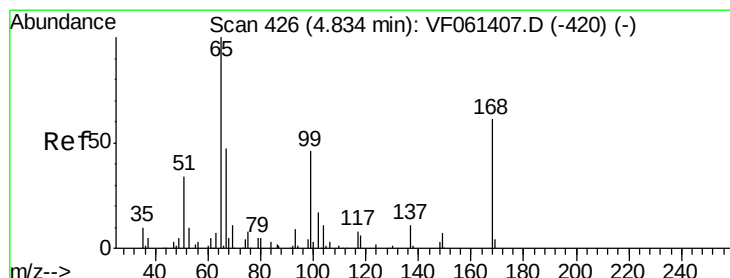
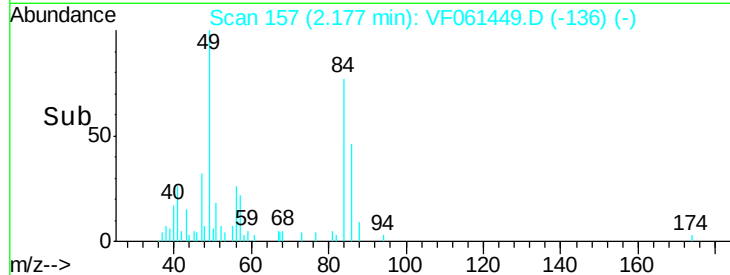
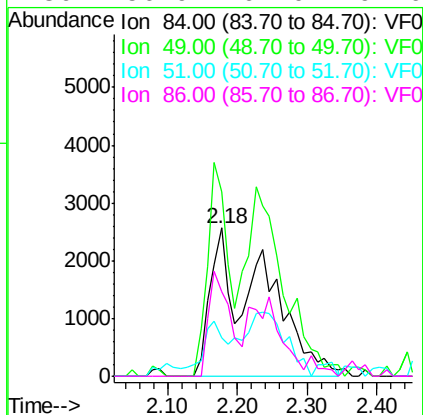
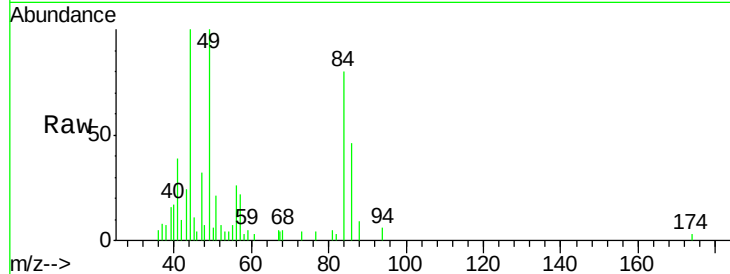
#20
Methylene Chloride
Concen: 6.894 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. 0.01 min
Lab File: VF061449.D
Acq: 17 Jan 2019 17:22

Instrument :
MSVOA_F
ClientSampleId :
S3-FRONT-HOUSE-7

Tot Ion	Ratio	Lower	Upper
84	100		
49	124.5	120.0	180.0
51	26.4	38.6	58.0#
86	56.9	61.0	91.6#

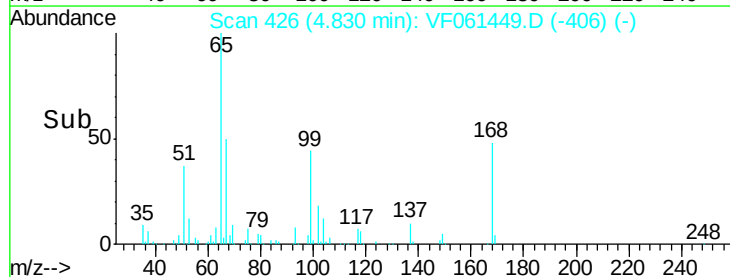
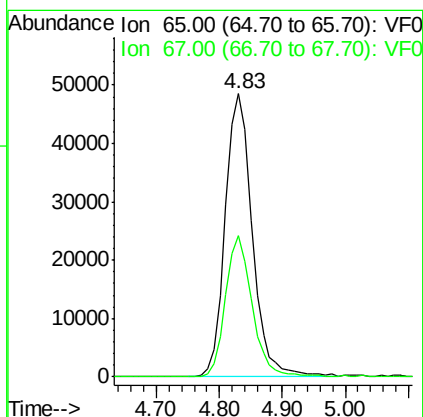
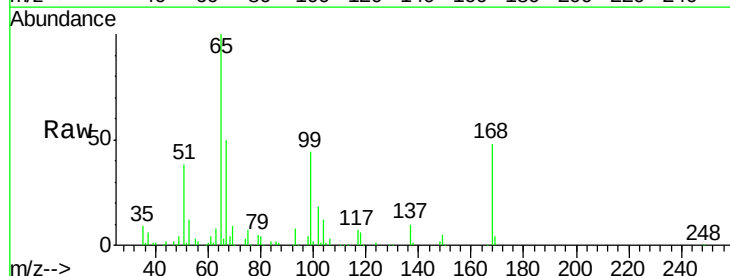
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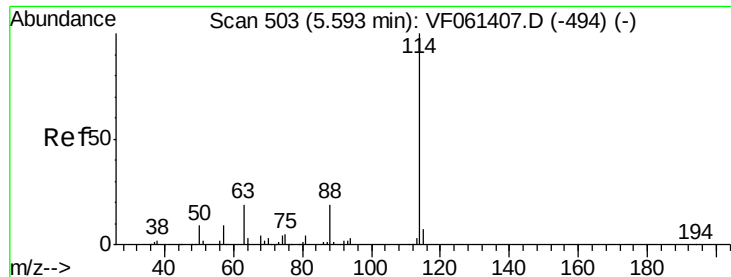
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#33
1,2-Dichloroethane-d4
Concen: 61.764 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.00 min
Lab File: VF061449.D
Acq: 17 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
65	100		
67	49.8	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: VF061449.D

Acq: 17 Jan 2019 17:22

Instrument :

MSVOA_F

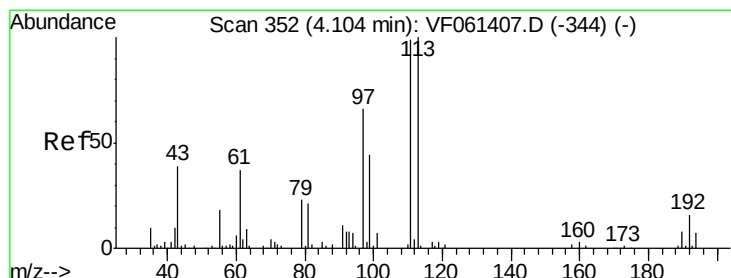
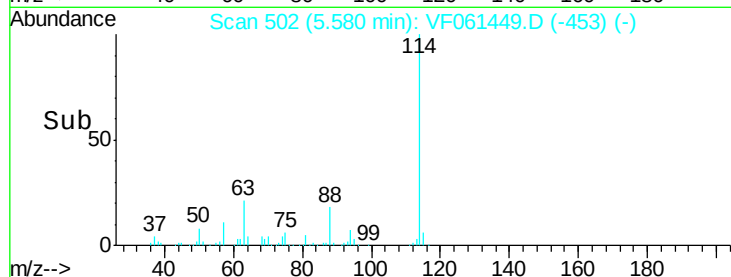
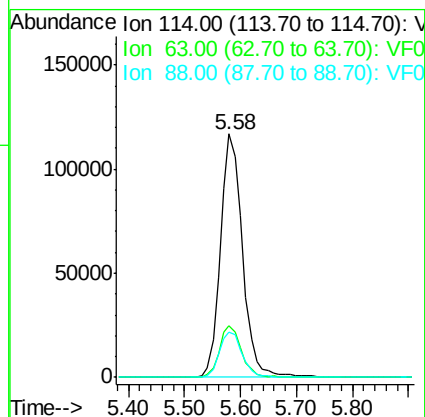
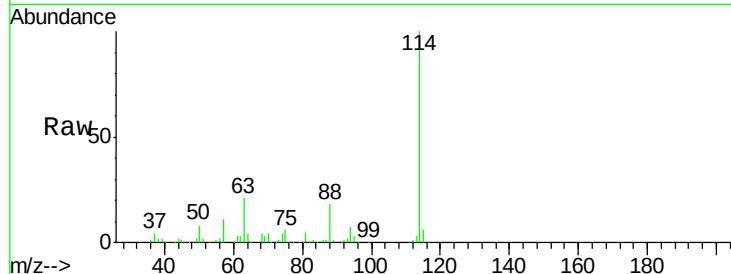
ClientSampleId :

S3-FRONT-HOUSE-7

Tot Ion:	114	Resp:	322542
Ion Ratio	Lower	Upper	
114	100		
63	21.2	0.0	39.0
88	18.5	0.0	37.4

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#35

Dibromofluoromethane

Concen: 62.645 ug/l

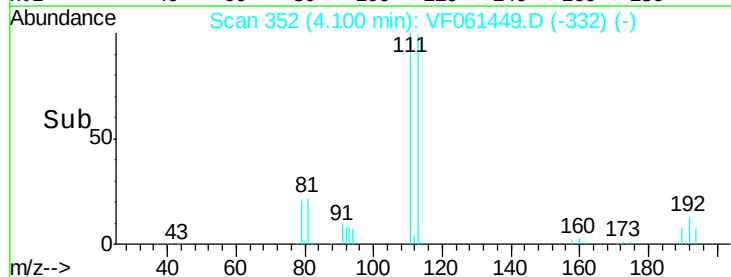
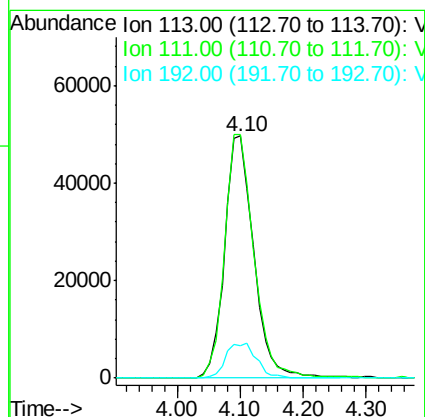
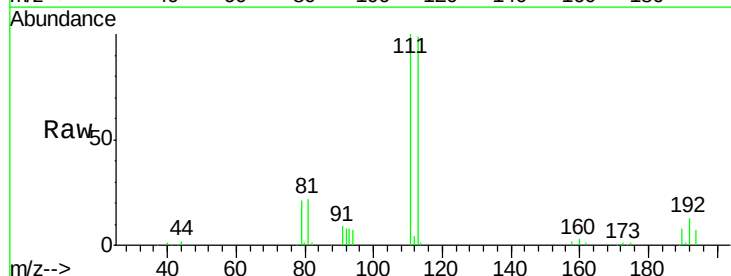
RT: 4.10 min Scan# 352

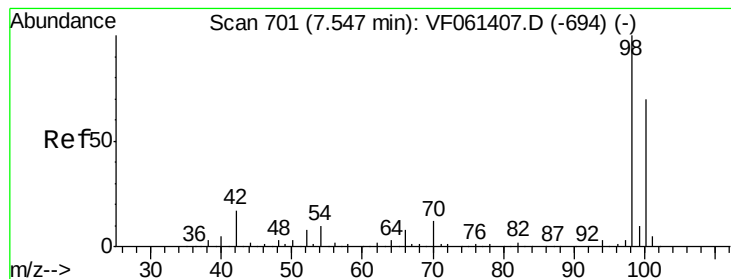
Delta R.T. -0.00 min

Lab File: VF061449.D

Acq: 17 Jan 2019 17:22

Tgt Ion:	113	Resp:	159440
Ion Ratio	Lower	Upper	
113	100		
111	100.6	79.4	119.0
192	13.3	12.4	18.6





#50

Toluene-d8

Concen: 54.795 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.00 min

Lab File: VF061449.D

Acq: 17 Jan 2019 17:22

Instrument :

MSVOA_F

ClientSampleId :

S3-FRONT-HOUSE-7

Tot Ion: 98 Resp: 382094

Ion Ratio Lower Upper

98 100

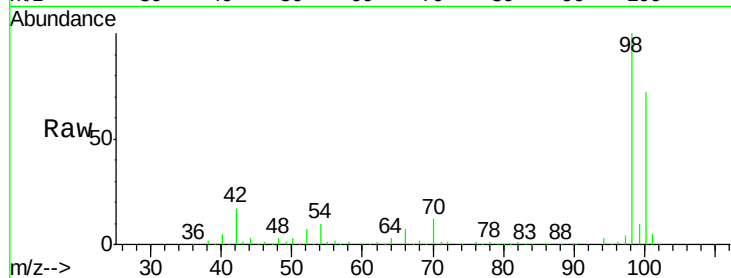
100 72.3 55.6 83.4

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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.54

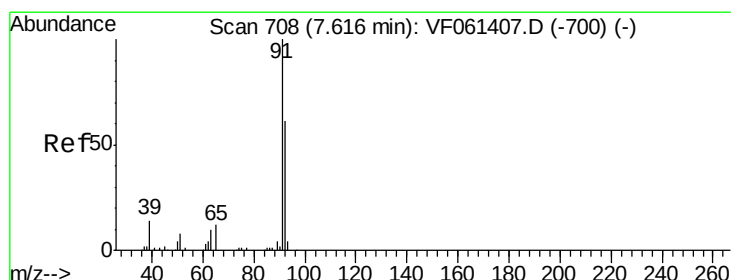
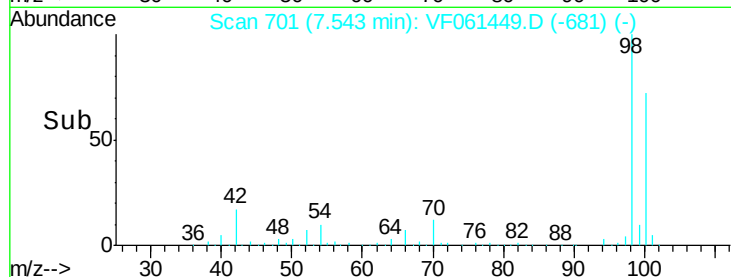
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 12.744 ug/l

RT: 7.61 min Scan# 708

Delta R.T. -0.00 min

Lab File: VF061449.D

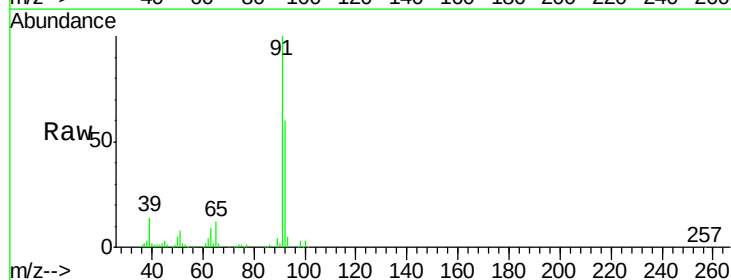
Acq: 17 Jan 2019 17:22

Tgt Ion: 92 Resp: 69838

Ion Ratio Lower Upper

92 100

91 165.8 131.2 196.8



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.61

50000

40000

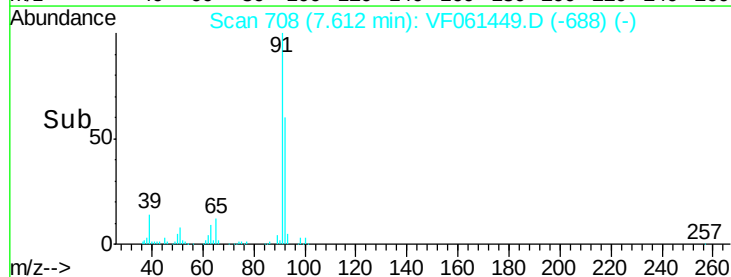
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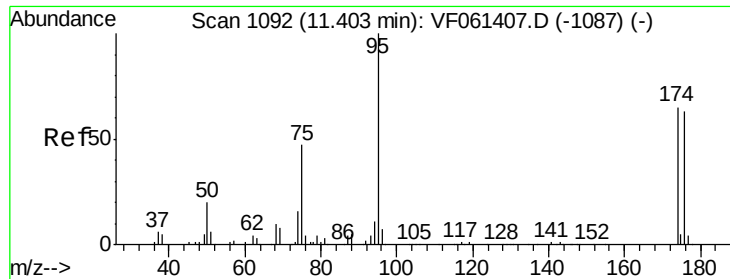
20000

10000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 52.774 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VF061449.D

Acq: 17 Jan 2019 17:22

Instrument :

MSVOA_F

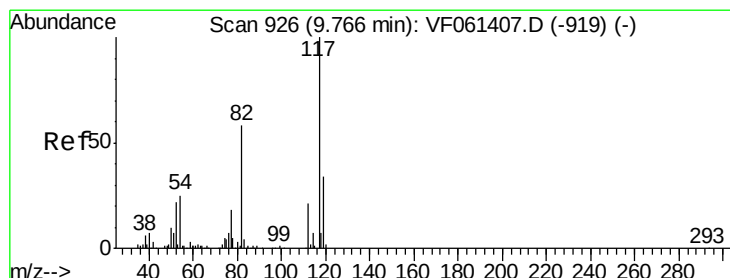
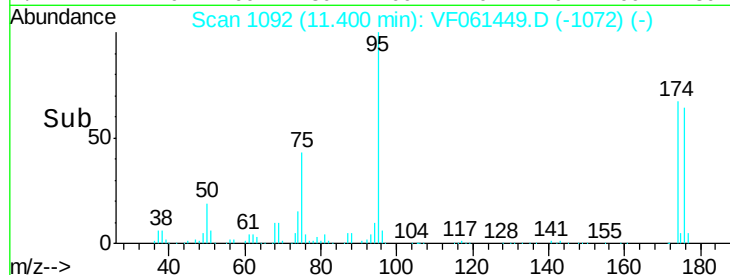
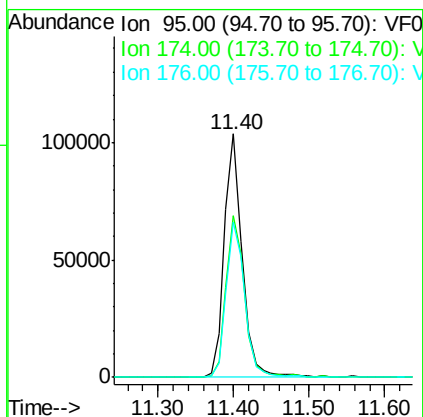
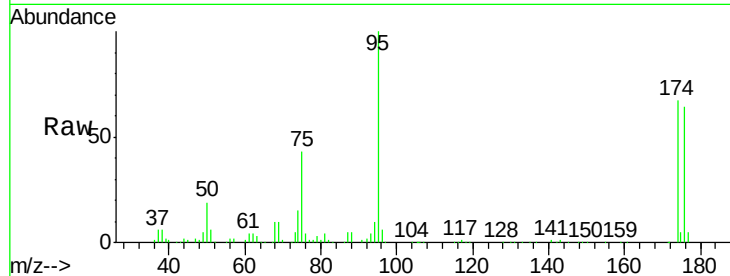
ClientSampleId :

S3-FRONT-HOUSE-7

Tot Ion:	95	Resp:	171943
Ion Ratio	Lower	Upper	
95	100		
174	66.7	0.0	130.4
176	63.7	0.0	126.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

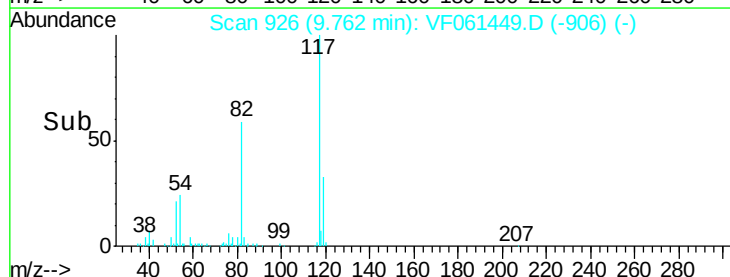
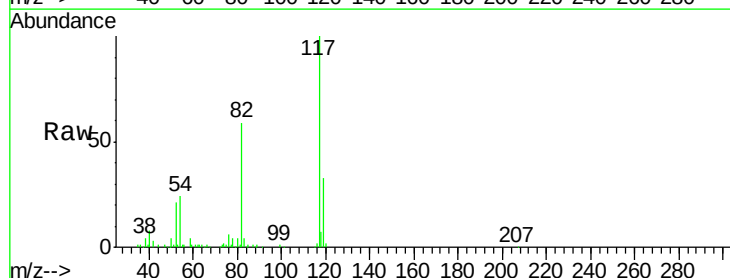
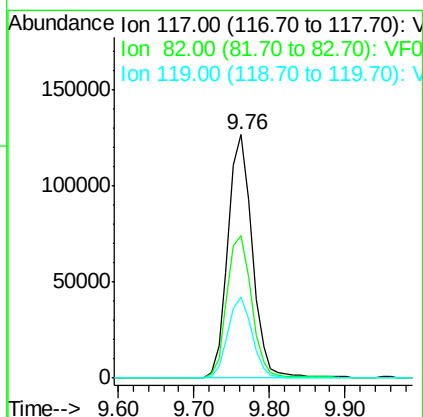
RT: 9.76 min Scan# 926

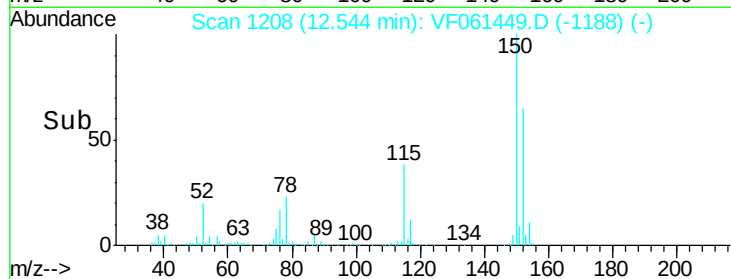
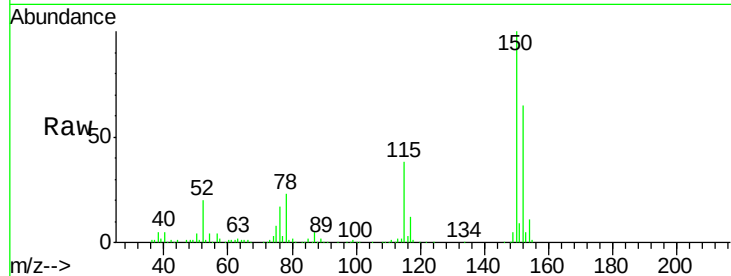
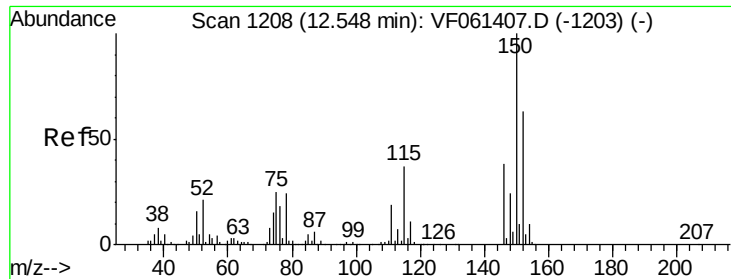
Delta R.T. -0.00 min

Lab File: VF061449.D

Acq: 17 Jan 2019 17:22

Tgt Ion:	117	Resp:	283699
Ion Ratio	Lower	Upper	
117	100		
82	58.6	46.4	69.6
119	33.1	27.2	40.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.00 min

Lab File: VF061449.D

Acq: 17 Jan 2019 17:22

Instrument :

MSVOA_F

ClientSampleId :

S3-FRONT-HOUSE-7

Tot Ion:152 Resp: 124942

Ion Ratio Lower Upper

152 100

115 57.6 30.0 90.0

150 152.7 0.0 321.4

Manual Integrations

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