

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF020819\
 Data File : VF061570.D
 Acq On : 8 Feb 2019 21:09
 Operator : VA/AP
 Sample : K1356-07
 Misc : 6.76g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-03-020819-B

Manual Integrations
 APPROVED

MMDadoda
 2/12/2019 2:32:14 AM

Quant Time: Feb 09 05:59:07 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	200182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	362884	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	327361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	162546	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	120508	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
35) Dibromofluoromethane	4.10	113	136997	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
50) Toluene-d8	7.54	98	323189	41.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.38%	
62) 4-Bromofluorobenzene	11.40	95	156452	42.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.36%	
Target Compounds						
16) Acetone	2.24	43	15769m	31.804	ug/l	Qvalue
20) Methylene Chloride	2.23	84	26668m	14.601	ug/l	

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

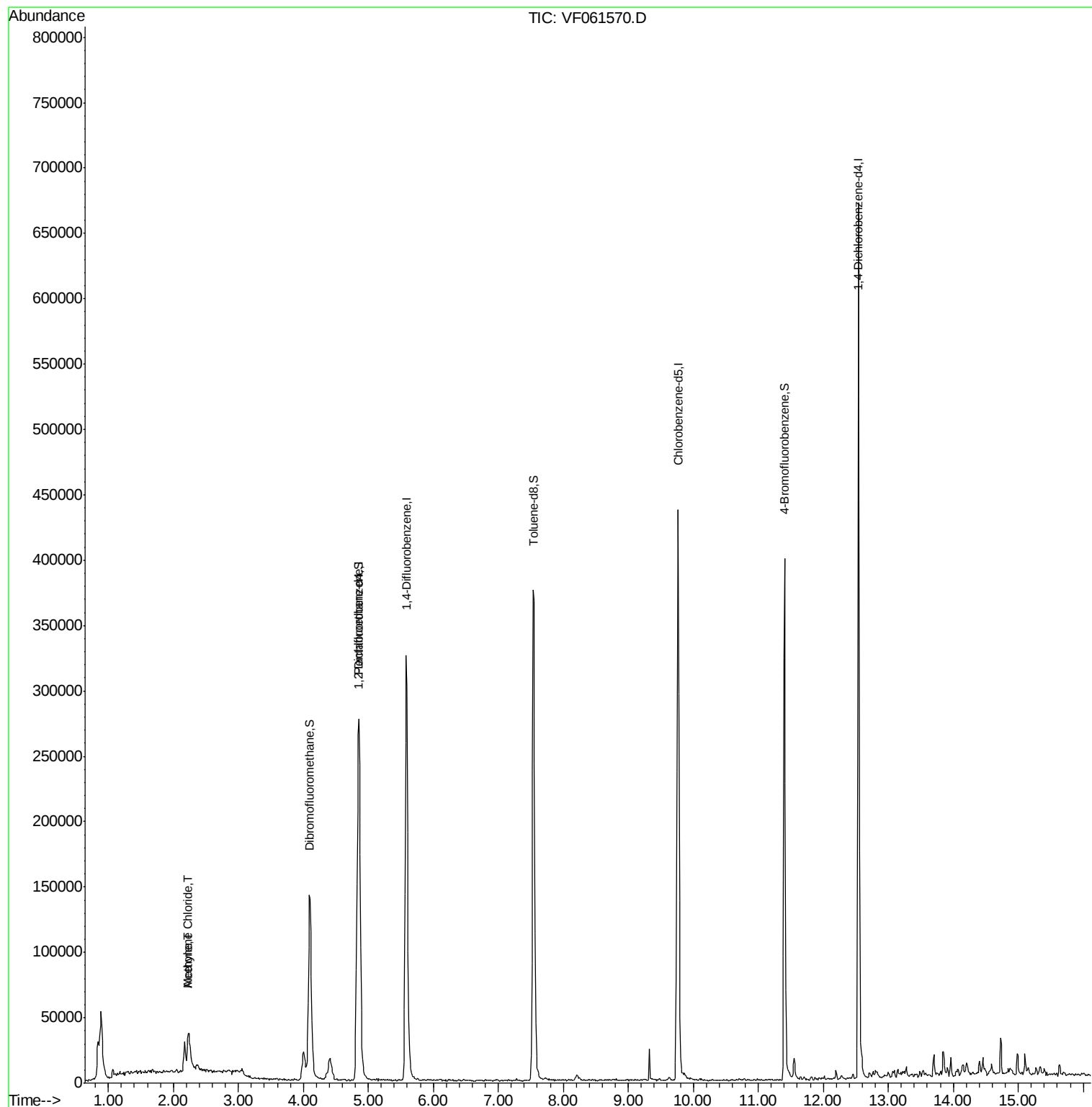
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF020819\
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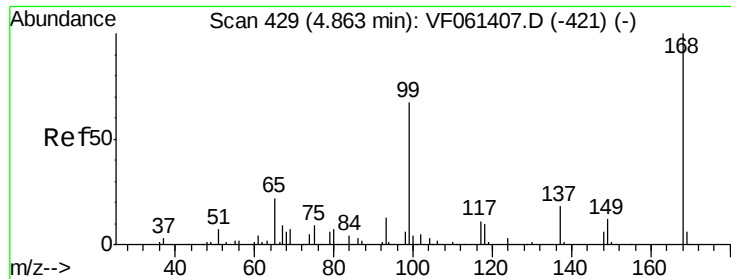
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.00 min

Lab File: VF061570.D

Acq: 8 Feb 2019 21:09

Instrument :

MSVOA_F

ClientSampleId :

SU-03-020819-B

Tot Ion:168 Resp: 200182

Ion Ratio Lower Upper

168 100

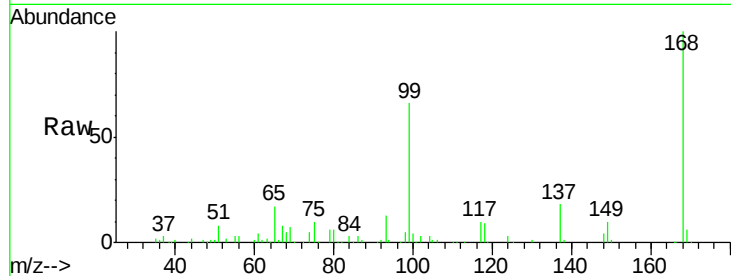
99 65.6 53.5 80.3

Manual Integrations

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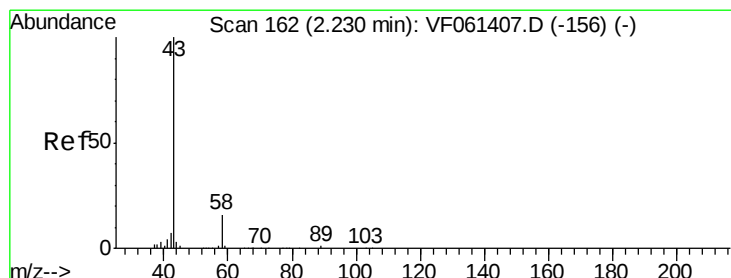
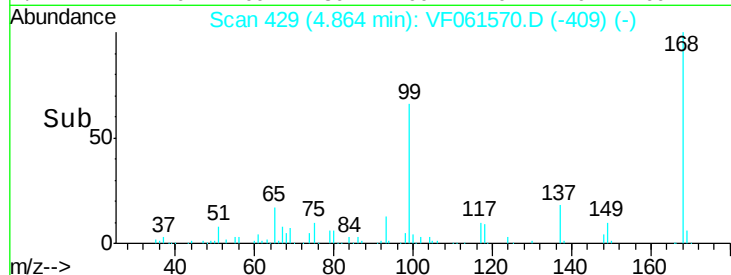
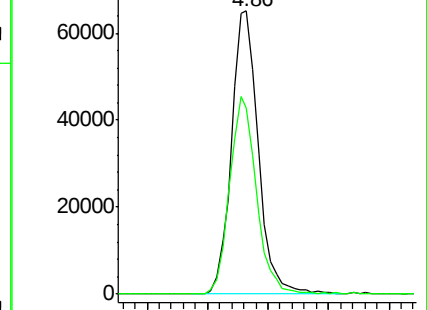
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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 31.804 ug/l m

RT: 2.24 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF061570.D

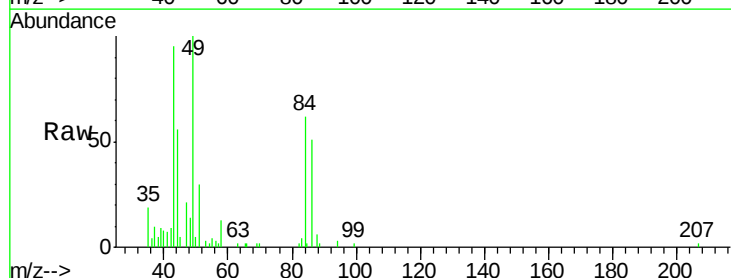
Acq: 8 Feb 2019 21:09

Tgt Ion: 43 Resp: 15769

Ion Ratio Lower Upper

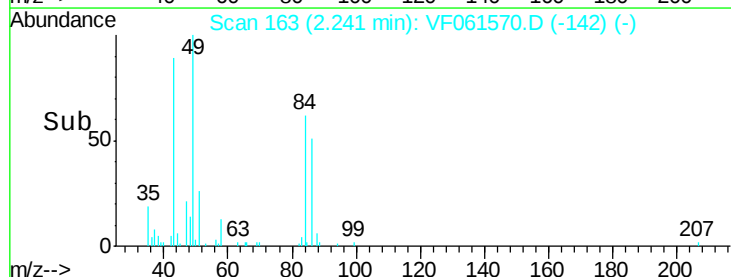
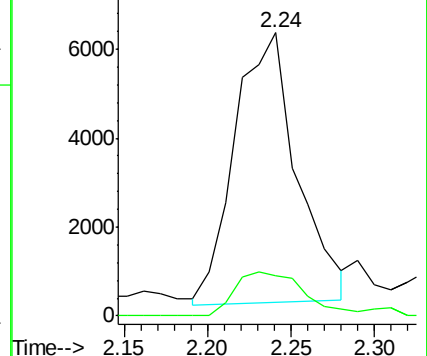
43 100

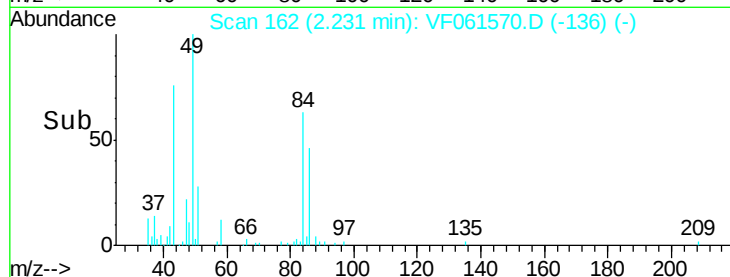
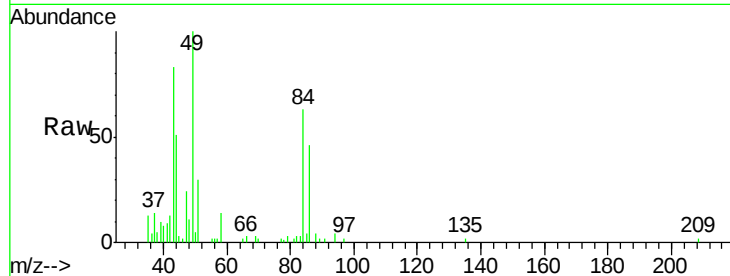
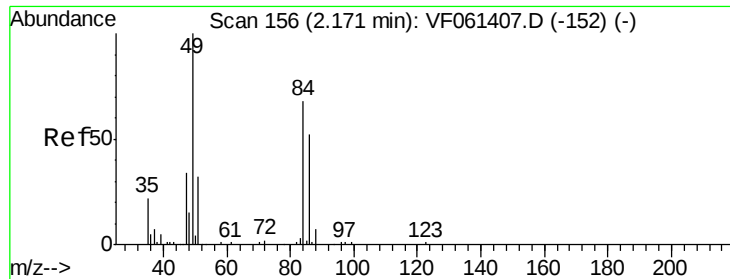
58 14.1 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





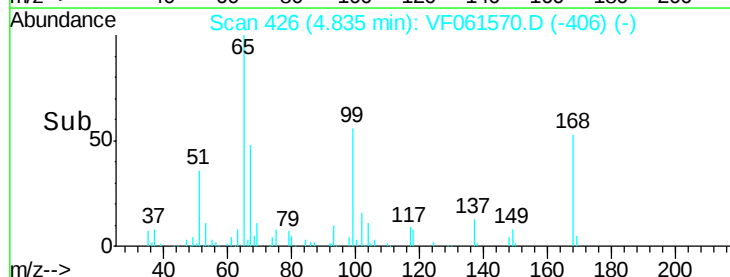
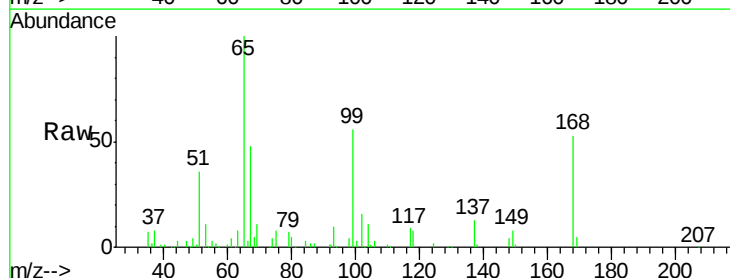
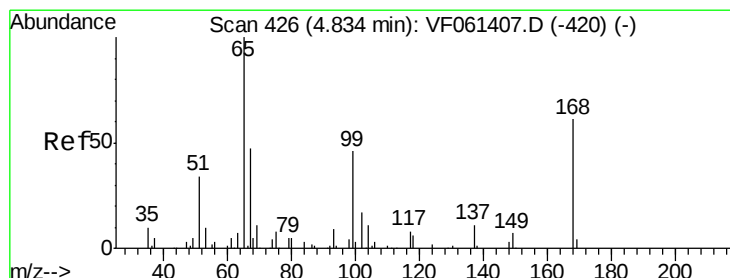
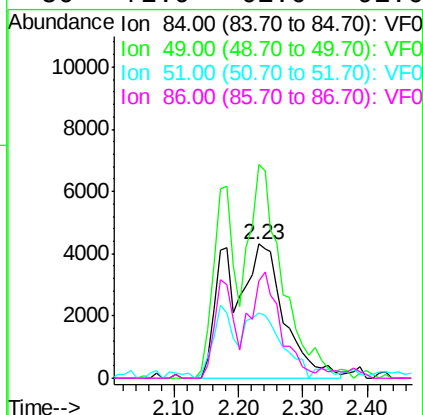
#20
Methvlene Chloride
Concen: 14.601 ug/l m
RT: 2.23 min Scan# 162
Delta R.T. 0.06 min
Lab File: VF061570.D
Acq: 8 Feb 2019 21:09

Tot Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	159.0	120.0	180.0
51	51	48.2	38.6	58.0
86	86	72.9	61.0	91.6

Instrument :
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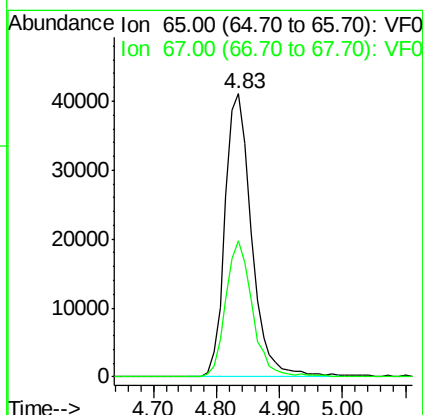
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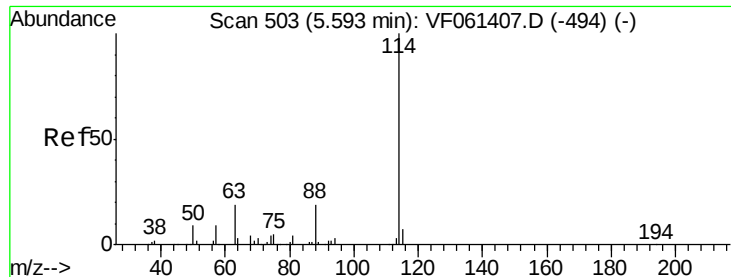
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#33
1,2-Dichloroethane-d4
Concen: 48.759 ug/l
RT: 4.83 min Scan# 426
Delta R.T. 0.00 min
Lab File: VF061570.D
Acq: 8 Feb 2019 21:09

Tgt Ion	Ion	Ratio	Lower	Upper
65	65	100		
67	67	48.0	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: VF061570.D

Acq: 8 Feb 2019 21:09

Instrument :

MSVOA_F

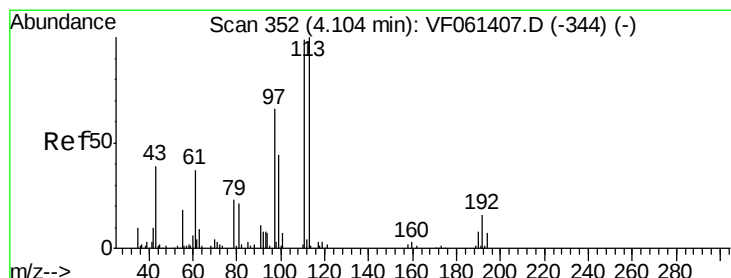
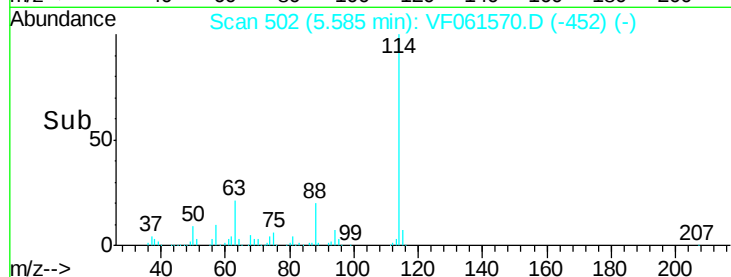
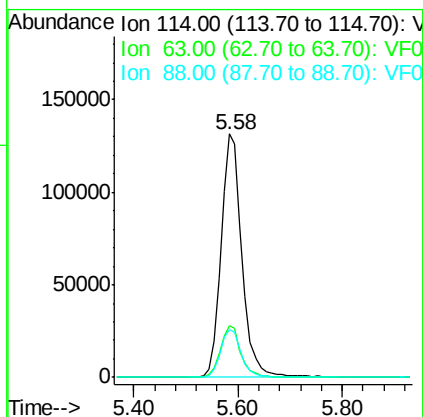
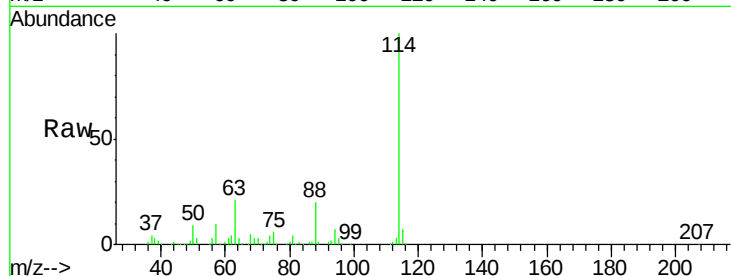
ClientSampleId :

SU-03-020819-B

Tot Ion:	114	Resp:	362884
Ion Ratio	Lower	Upper	
114	100		
63	21.2	0.0	39.0
88	19.8	0.0	37.4

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#35

Dibromofluoromethane

Concen: 47.843 ug/l

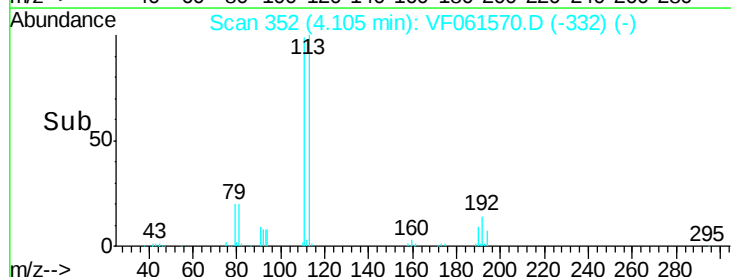
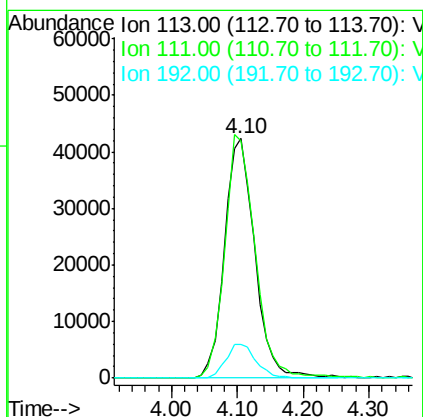
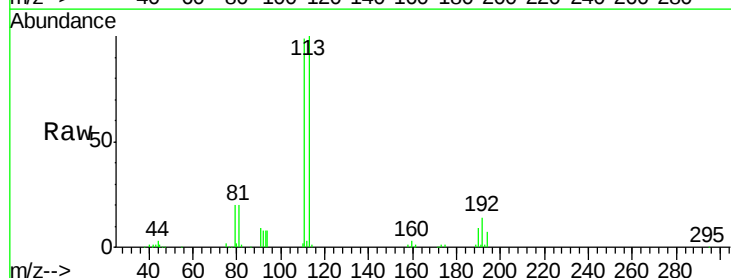
RT: 4.10 min Scan# 352

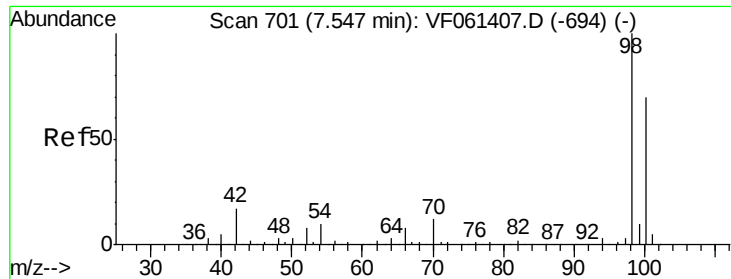
Delta R.T. 0.00 min

Lab File: VF061570.D

Acq: 8 Feb 2019 21:09

Tgt Ion:	113	Resp:	136997
Ion Ratio	Lower	Upper	
113	100		
111	99.1	79.4	119.0
192	13.9	12.4	18.6





#50

Toluene-d8

Concen: 41.195 ug/l

RT: 7.54 min Scan# 700

Delta R.T. -0.01 min

Lab File: VF061570.D

Acq: 8 Feb 2019 21:09

Instrument :

MSVOA_F

ClientSampleId :

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Tot Ion: 98 Resp: 323189

Ion Ratio Lower Upper

98 100

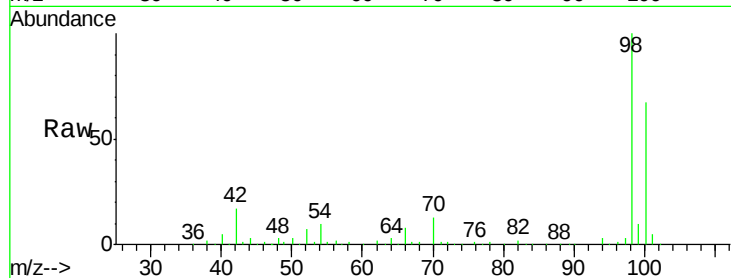
100 67.4 55.6 83.4

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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.54

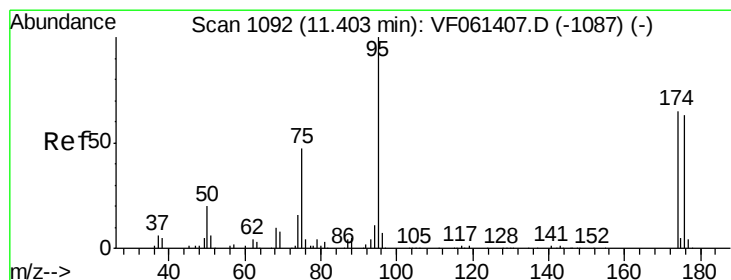
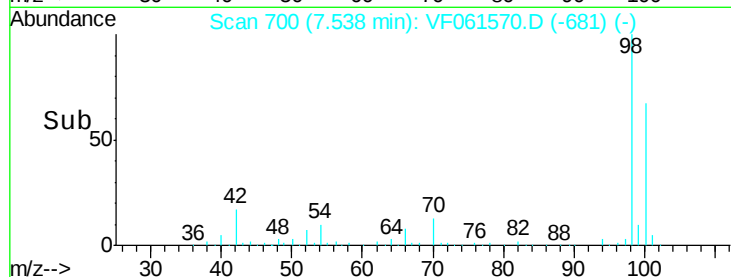
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.681 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VF061570.D

Acq: 8 Feb 2019 21:09

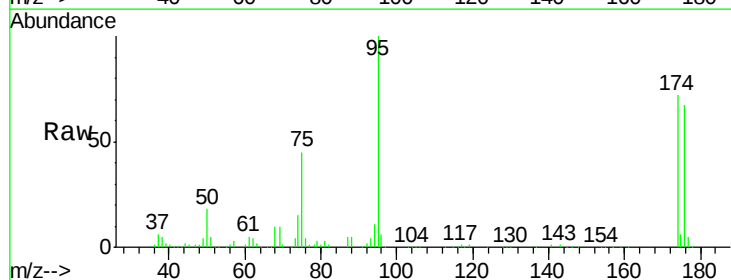
Tgt Ion: 95 Resp: 156452

Ion Ratio Lower Upper

95 100

174 71.6 0.0 130.4

176 67.4 0.0 126.2



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

120000

100000

80000

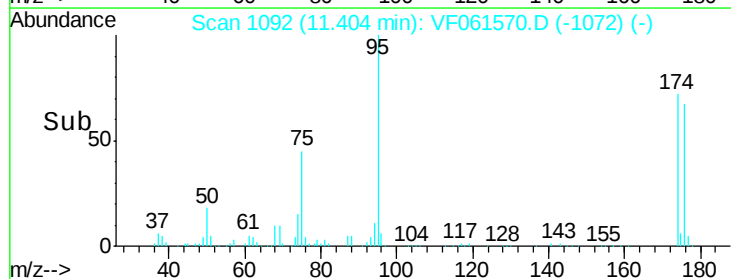
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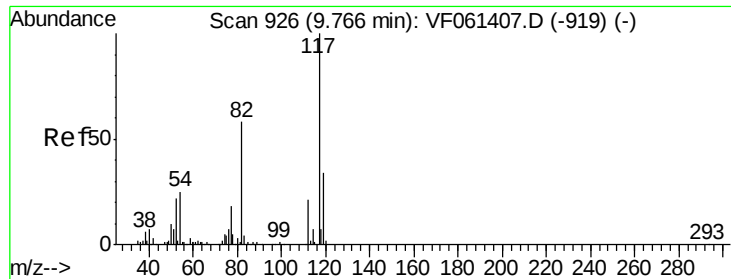
40000

20000

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Time-->





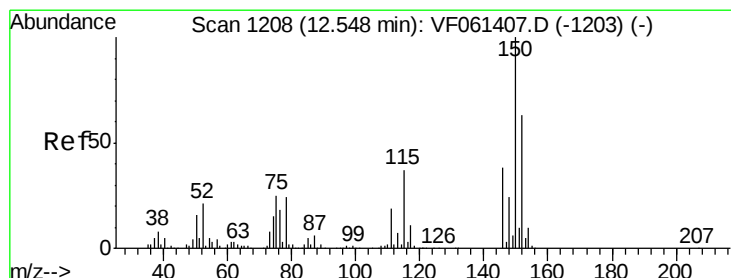
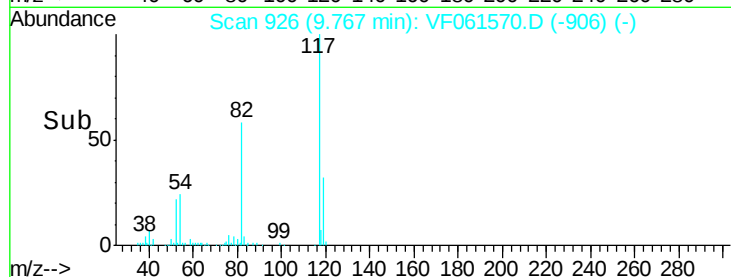
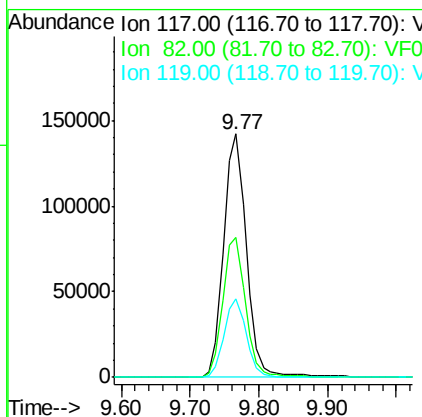
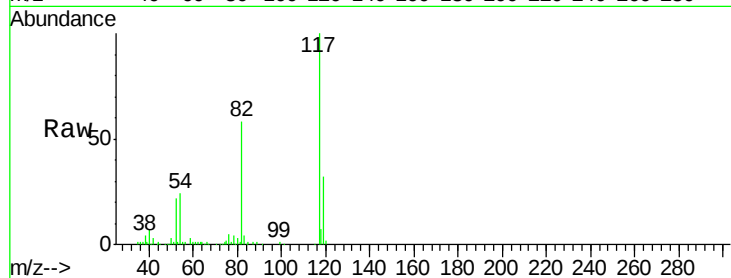
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. 0.00 min
Lab File: VF061570.D
Acq: 8 Feb 2019 21:09

Instrument :
MSVOA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
117	100	327361		
82	57.6	46.4	69.6	
119	32.3	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# 1207
Delta R.T. -0.01 min
Lab File: VF061570.D
Acq: 8 Feb 2019 21:09

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	162546		
115	66.4	30.0	90.0	
150	156.5	0.0	321.4	

