

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011819\
 Data File : VF061465.D
 Acq On : 18 Jan 2019 17:57
 Operator : VA/AP
 Sample : K1013-05
 Misc : 4.72g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-01-011819-C

Manual Integrations
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 1/21/2019 11:11:54 AM

Quant Time: Jan 19 04:38:33 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	4.87	168	214312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	377784	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	319772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	152343	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	118800	44.90	ug/l	0.01
Spiked Amount 50.000			Recovery	=	89.80%	
35) Dibromofluoromethane	4.11	113	150569	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
50) Toluene-d8	7.55	98	363915	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.12%	
62) 4-Bromofluorobenzene	11.41	95	165828	43.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.90%	
Target Compounds						
16) Acetone	2.23	43	13877	26.143	ug/l	92
20) Methylene Chloride	2.17	84	14637m	6.598	ug/l	
52) Toluene	7.62	92	27382	4.266	ug/l	98
95) Naphthalene	14.46	128	28746	4.412	ug/l	97

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

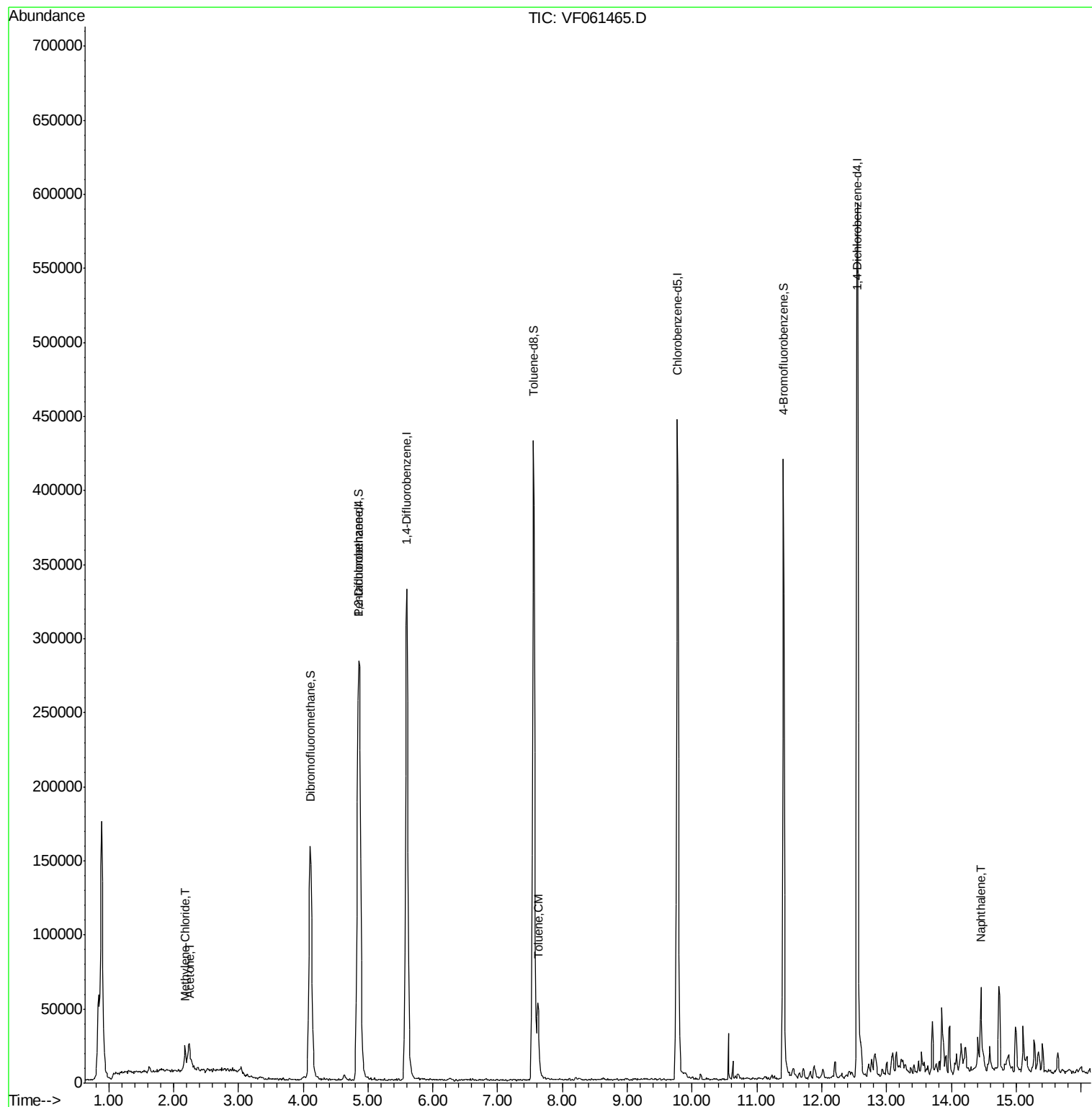
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011819\
Data File : VF061465.D
Acq On : 18 Jan 2019 17:57
Operator : VA/AP
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ALS Vial : 15 Sample Multiplier: 1

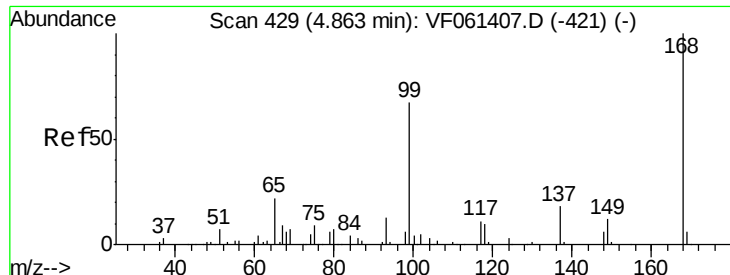
Instrument :
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ClientSampleId :
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Quant Time: Jan 19 04:38:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.00 min

Lab File: VF061465.D

Acq: 18 Jan 2019 17:57

Instrument :

MSVOA_F

ClientSampleId :

PL-01-011819-C

Tot Ion:168 Resp: 214312

Ion Ratio Lower Upper

168 100

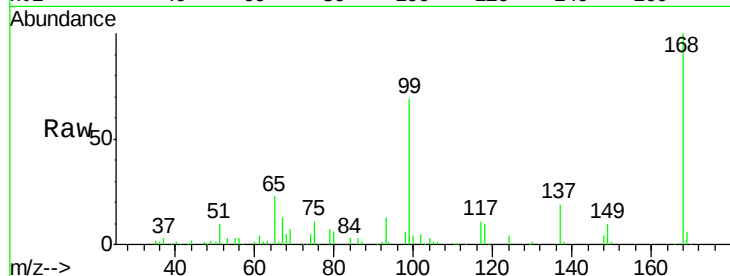
99 69.4 53.5 80.3

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

80000

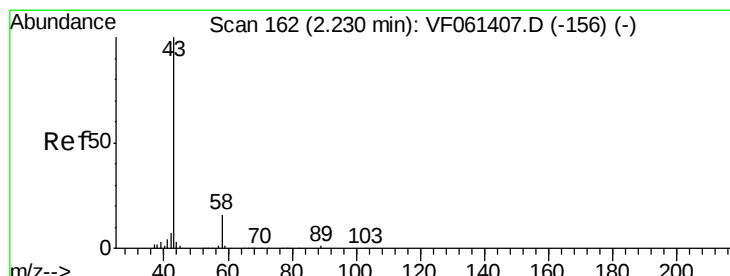
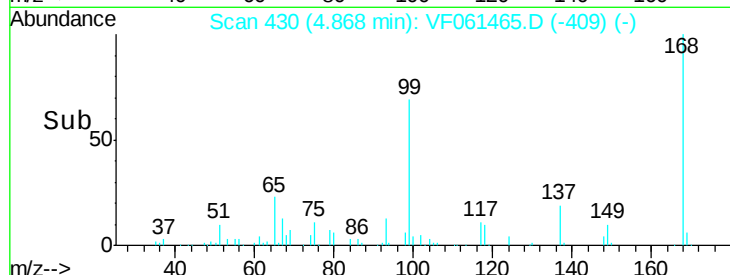
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 26.143 ug/l

RT: 2.23 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF061465.D

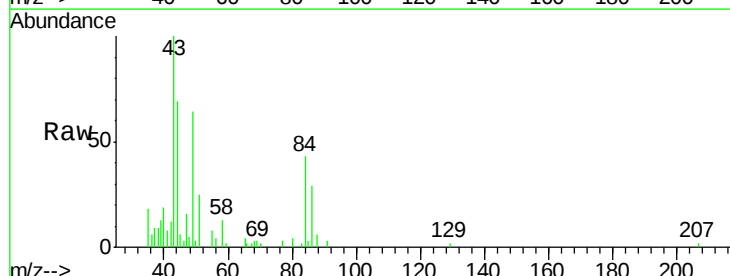
Acq: 18 Jan 2019 17:57

Tgt Ion: 43 Resp: 13877

Ion Ratio Lower Upper

43 100

58 13.3 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

5000

4000

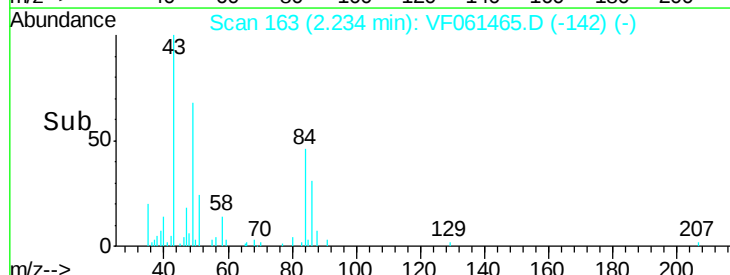
3000

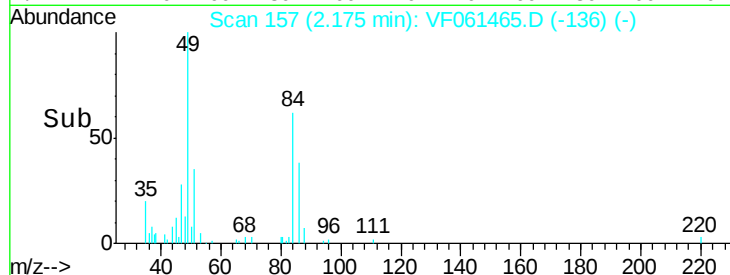
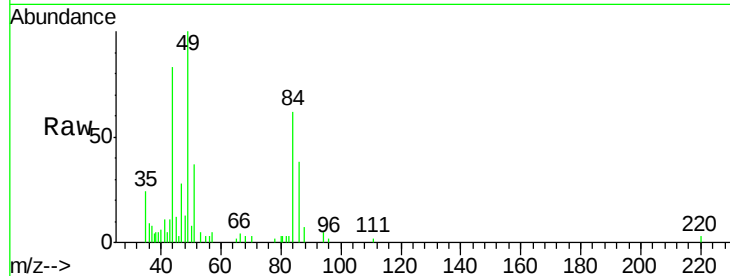
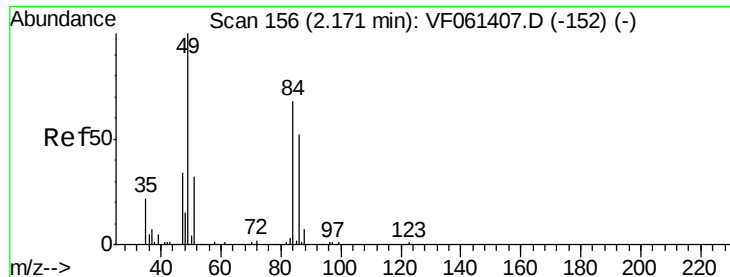
2000

1000

0

Time-->





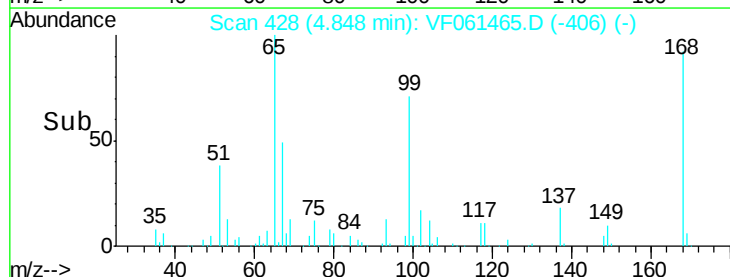
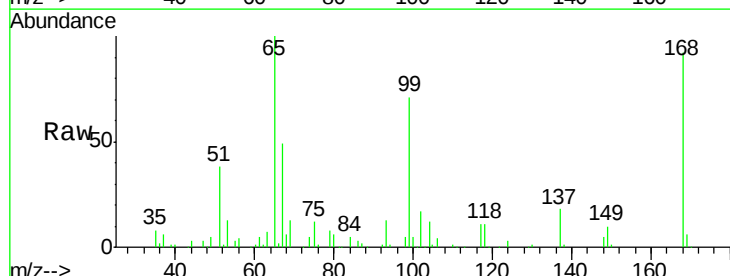
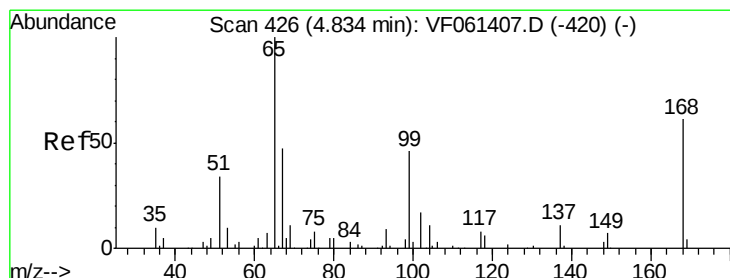
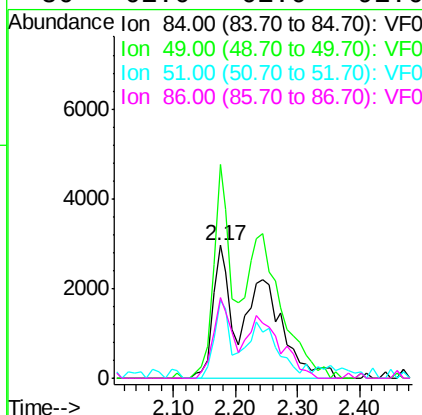
#20
Methvlene Chloride
Concen: 6.598 ug/l m
RT: 2.17 min Scan# 157
Delta R.T. 0.00 min
Lab File: VF061465.D
Acq: 18 Jan 2019 17:57

Tot Ion	Ratio	Lower	Upper
84	100		
49	160.8	120.0	180.0
51	59.1	38.6	58.0
86	61.0	61.0	91.6

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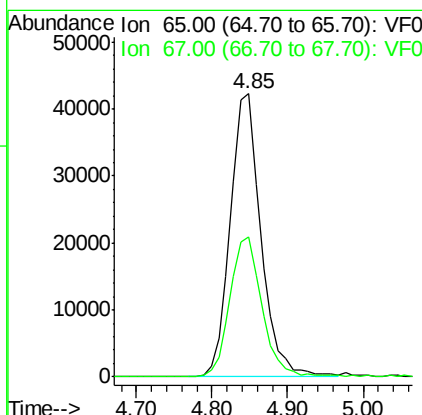
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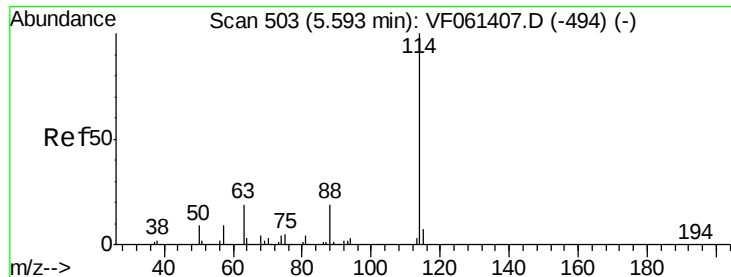
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#33
1,2-Dichloroethane-d4
Concen: 44.899 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.01 min
Lab File: VF061465.D
Acq: 18 Jan 2019 17:57

Tgt Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.00 min

Lab File: VF061465.D

Acq: 18 Jan 2019 17:57

Instrument :

MSVOA_F

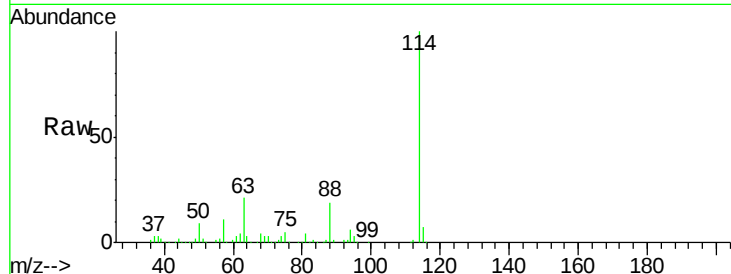
ClientSampleId :

PL-01-011819-C

Tot Ion:	114	Resp:	377784
Ion Ratio	Lower	Upper	
114	100		
63	21.2	0.0	39.0
88	19.3	0.0	37.4

Manual Integrations
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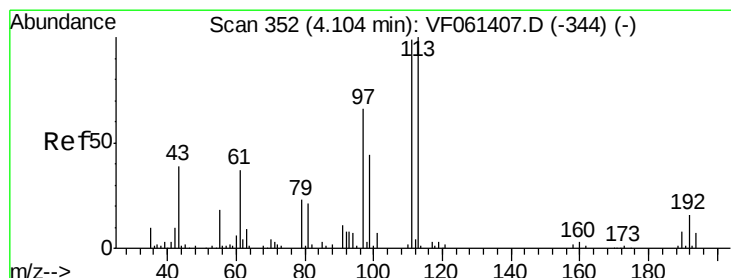
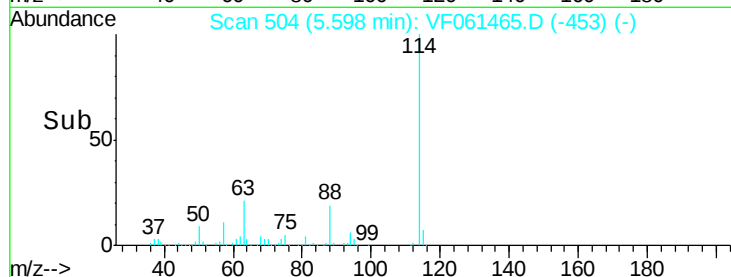
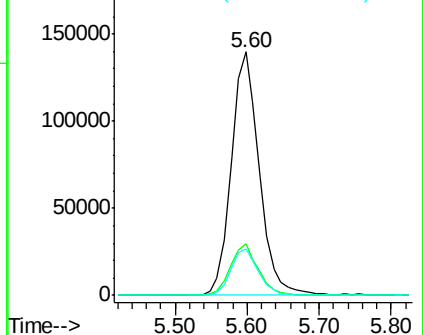
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 50.509 ug/l

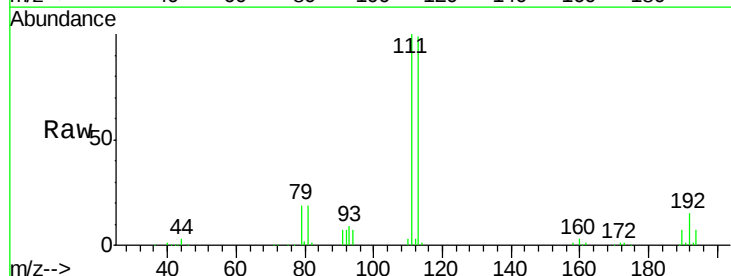
RT: 4.11 min Scan# 353

Delta R.T. 0.00 min

Lab File: VF061465.D

Acq: 18 Jan 2019 17:57

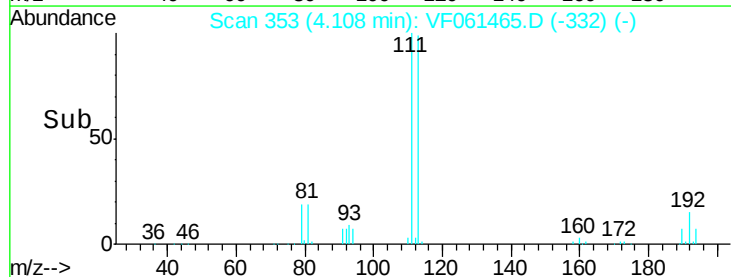
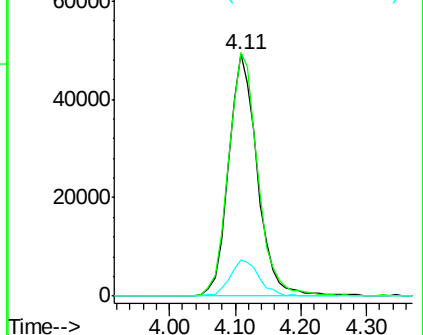
Tgt Ion:	113	Resp:	150569
Ion Ratio	Lower	Upper	
113	100		
111	100.5	79.4	119.0
192	14.9	12.4	18.6

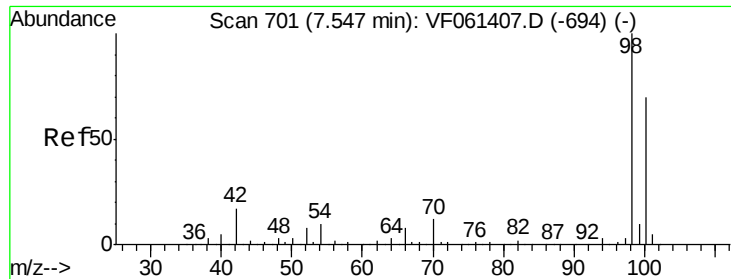


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 44.556 ug/l

RT: 7.55 min Scan# 702

Delta R.T. 0.00 min

Lab File: VF061465.D

Acq: 18 Jan 2019 17:57

Instrument :

MSVOA_F

ClientSampleId :

PL-01-011819-C

Tot Ion: 98 Resp: 363915

Ion Ratio Lower Upper

98 100

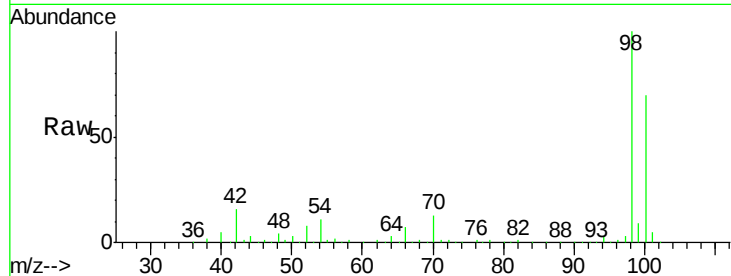
100 69.8 55.6 83.4

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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

150000

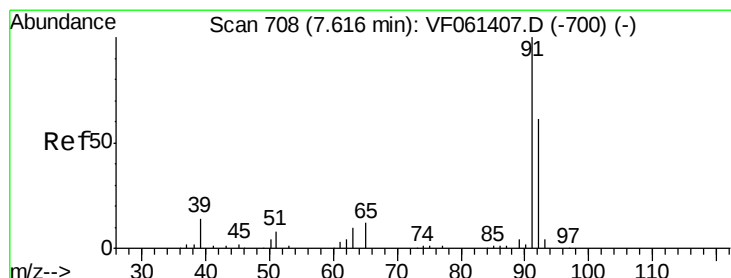
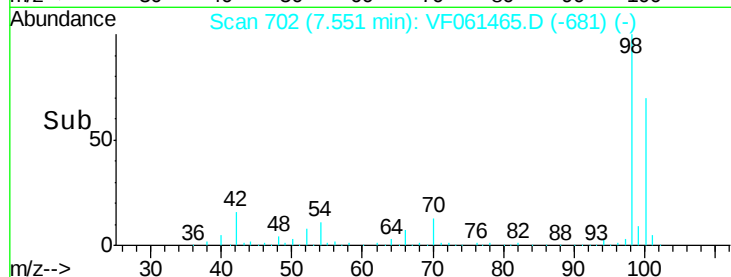
100000

50000

0

7.40 7.50 7.60 7.70

Time-->



#52

Toluene

Concen: 4.266 ug/l

RT: 7.62 min Scan# 709

Delta R.T. 0.00 min

Lab File: VF061465.D

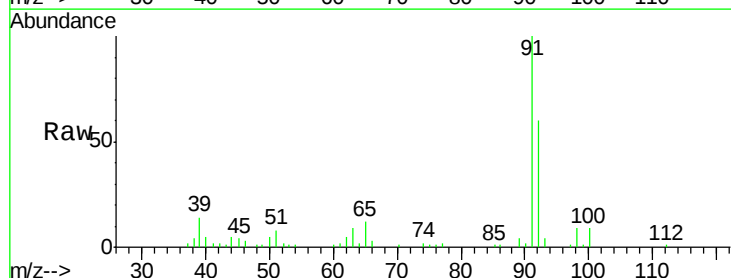
Acq: 18 Jan 2019 17:57

Tgt Ion: 92 Resp: 27382

Ion Ratio Lower Upper

92 100

91 166.3 131.2 196.8



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

20000

15000

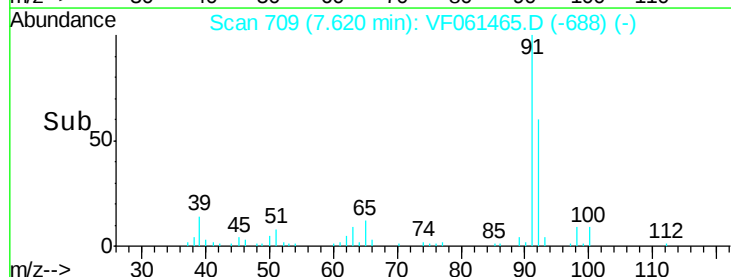
10000

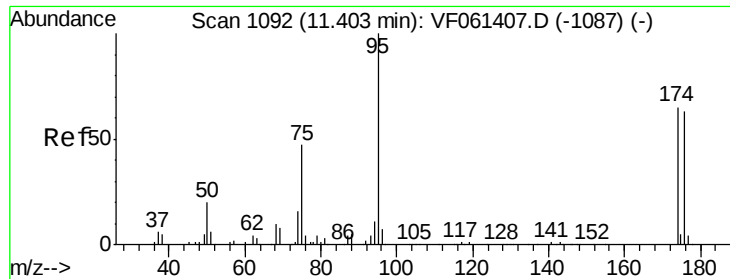
5000

0

7.50 7.60 7.70 7.80

Time-->





#62

4-Bromofluorobenzene

Concen: 43.455 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VF061465.D

Acq: 18 Jan 2019 17:57

Instrument :

MSVOA_F

ClientSampleId :

PL-01-011819-C

Tot Ion: 95 Resp: 165828

Ion Ratio Lower Upper

95 100

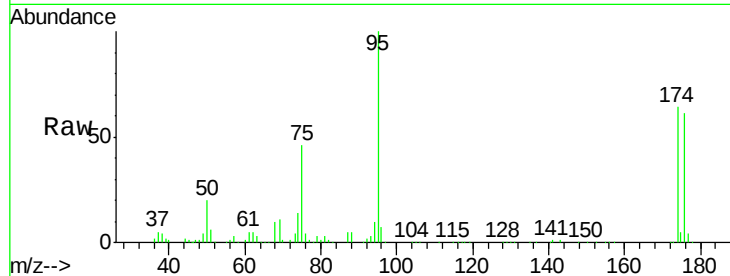
174 64.2 0.0 130.4

176 61.2 0.0 126.2

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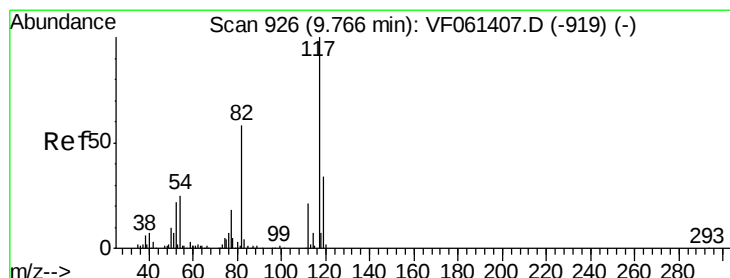
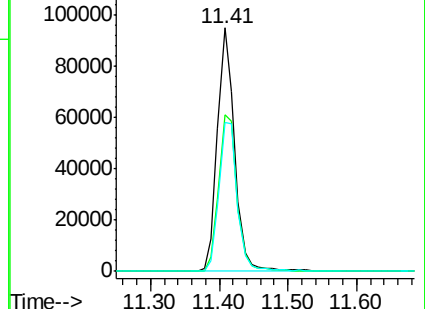
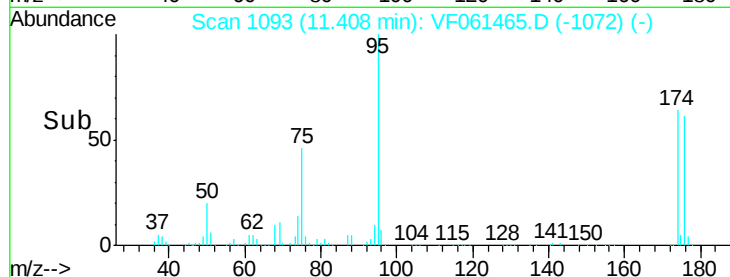


Abundance Ion 95.00 (94.70 to 95.70): VF061407.D (-1087) (-)

Ion 174.00 (173.70 to 174.70): VF061407.D (-1087) (-)

Ion 176.00 (175.70 to 176.70): VF061407.D (-1087) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.77 min Scan# 927

Delta R.T. 0.00 min

Lab File: VF061465.D

Acq: 18 Jan 2019 17:57

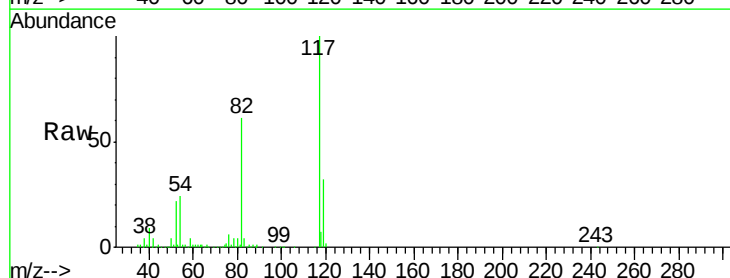
Tgt Ion: 117 Resp: 319772

Ion Ratio Lower Upper

117 100

82 60.8 46.4 69.6

119 31.8 27.2 40.8

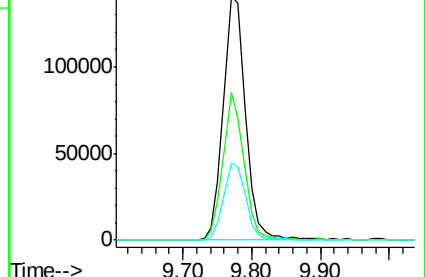
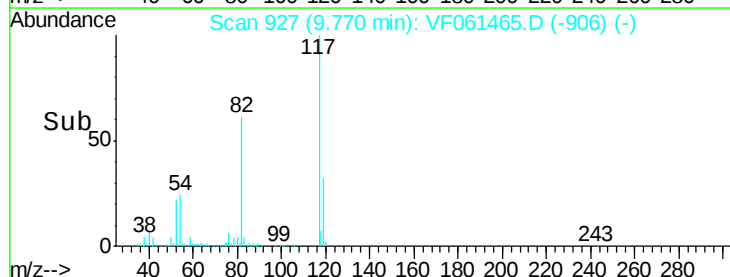


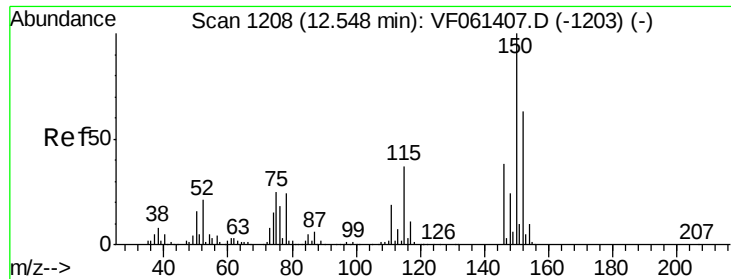
Abundance Ion 117.00 (116.70 to 117.70): VF061407.D (-919) (-)

Ion 82.00 (81.70 to 82.70): VF061407.D (-919) (-)

Ion 119.00 (118.70 to 119.70): VF061407.D (-919) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. 0.00 min

Lab File: VF061465.D

Acq: 18 Jan 2019 17:57

Instrument :

MSVOA_F

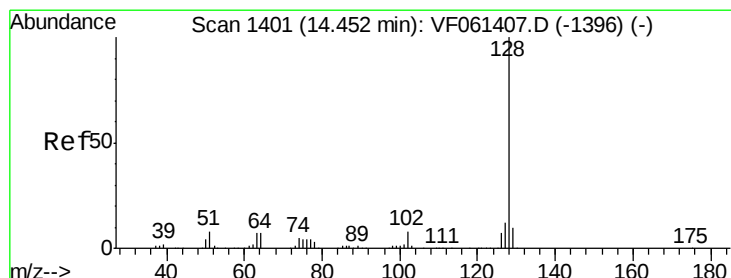
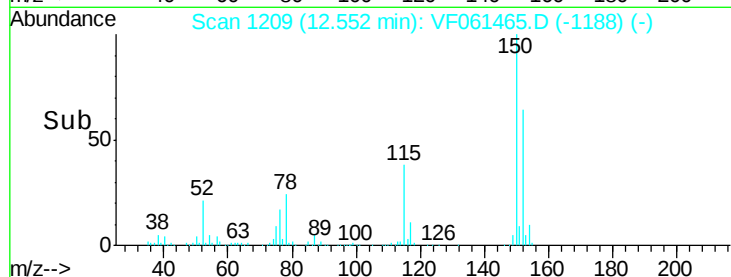
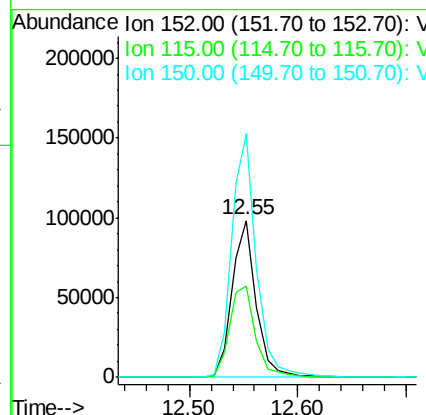
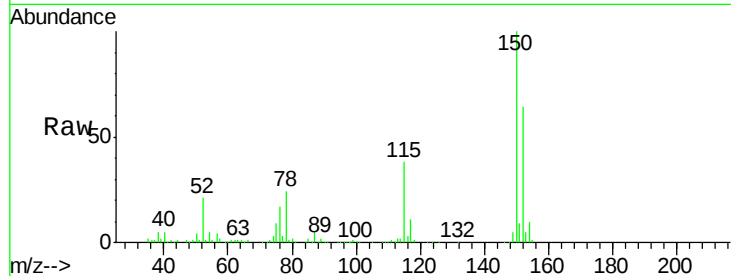
ClientSampleId :

PL-01-011819-C

Tot Ion:	152	Resp:	152343
Ion Ratio	Lower	Upper	
152	100		
115	58.3	30.0	90.0
150	155.2	0.0	321.4

Manual Integrations
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#95

Naphthalene

Concen: 4.412 ug/l

RT: 14.46 min Scan# 1402

Delta R.T. 0.00 min

Lab File: VF061465.D

Acq: 18 Jan 2019 17:57

Tgt Ion:	128	Resp:	28746
Ion Ratio	Lower	Upper	
128	100		
127	12.3	9.5	14.3
129	12.1	8.4	12.6

