

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011819\
 Data File : VF061464.D
 Acq On : 18 Jan 2019 17:29
 Operator : VA/AP
 Sample : K1013-03
 Misc : 6.24g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
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MMDadoda
 1/21/2019 11:11:48 AM

Quant Time: Jan 19 04:36:55 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	215500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	380161	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	338230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	147800	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	109496	41.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.30%	
35) Dibromofluoromethane	4.10	113	133631	44.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.10%	
50) Toluene-d8	7.55	98	343671	41.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.62%	
62) 4-Bromofluorobenzene	11.40	95	148064	38.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.12%	
Target Compounds						
16) Acetone	2.24	43	15324	28.710	ug/l	97
20) Methylene Chloride	2.18	84	13735m	6.035	ug/l	
52) Toluene	7.62	92	13476	2.086	ug/l	98
95) Naphthalene	14.45	128	168028	26.584	ug/l	99

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

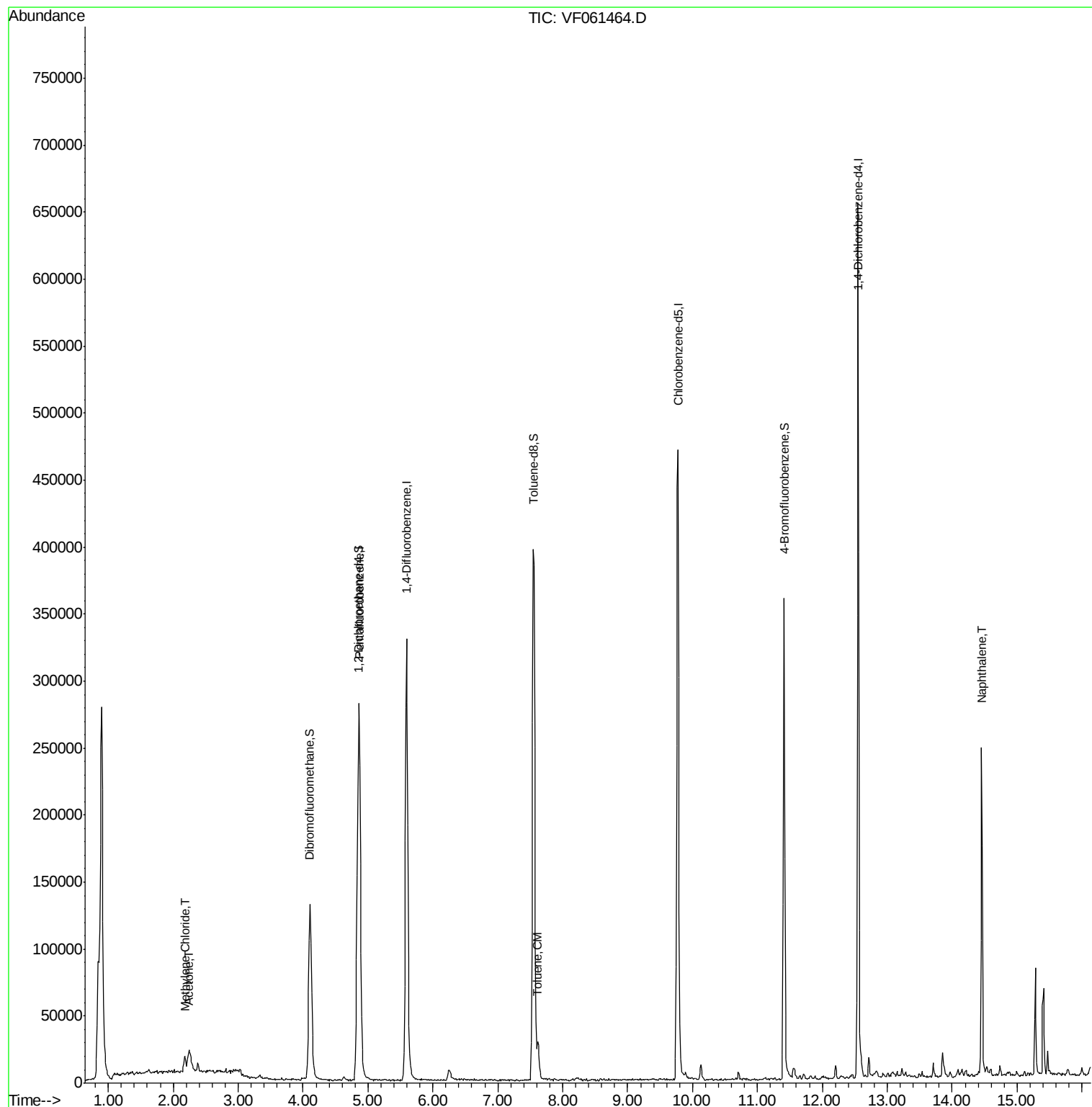
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011819\
Data File : VF061464.D
Acq On : 18 Jan 2019 17:29
Operator : VA/AP
Sample : K1013-03
Misc : 6.24g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

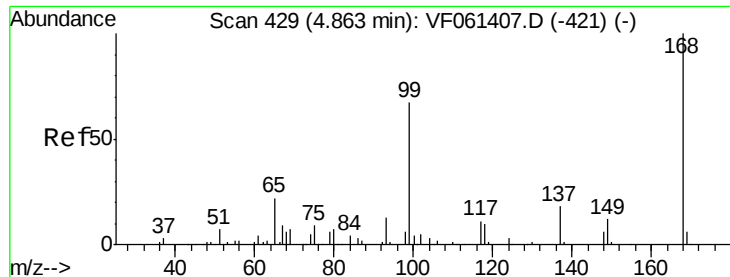
Instrument :
MSVOA_F
ClientSampleId :
PL-01-011819-B

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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: VF061464.D

Acq: 18 Jan 2019 17:29

Instrument :

MSVOA_F

ClientSampleId :

PL-01-011819-B

Tot Ion:168 Resp: 215500

Ion Ratio Lower Upper

168 100

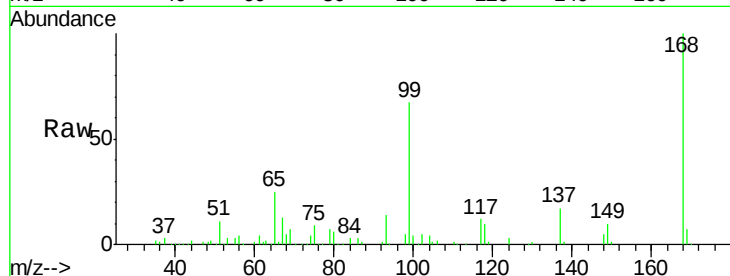
99 66.9 53.5 80.3

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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

80000

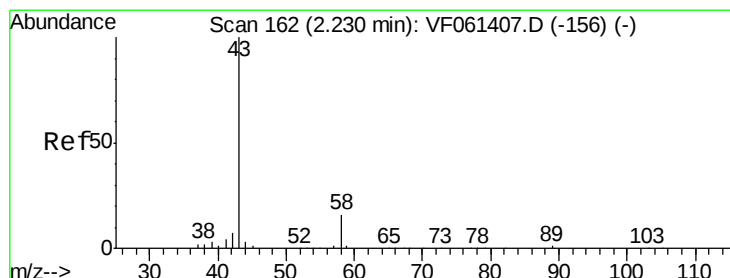
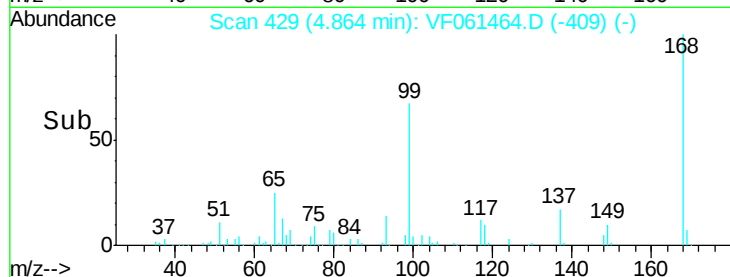
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 28.710 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF061464.D

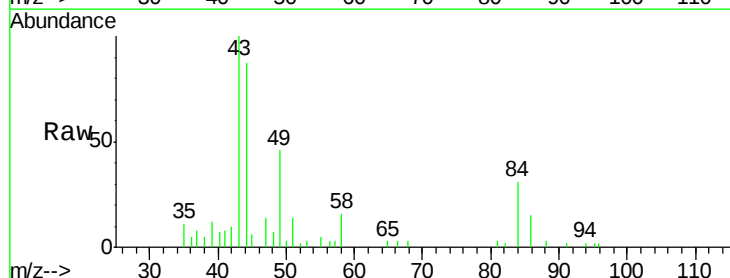
Acq: 18 Jan 2019 17:29

Tgt Ion: 43 Resp: 15324

Ion Ratio Lower Upper

43 100

58 15.5 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

6000

5000

4000

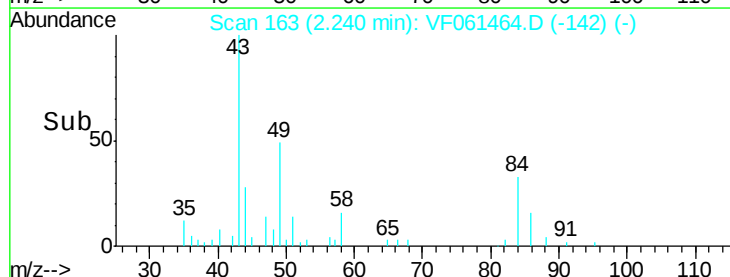
3000

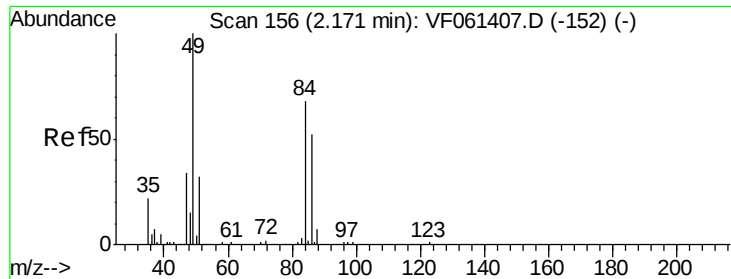
2000

1000

0

Time-->





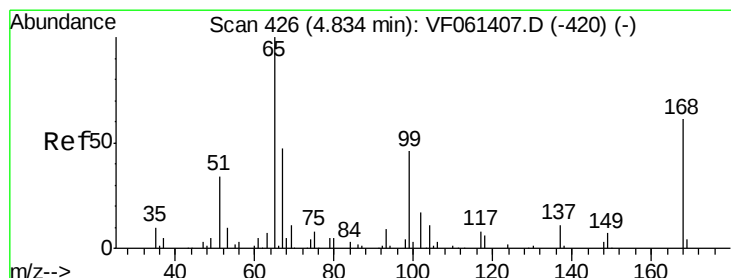
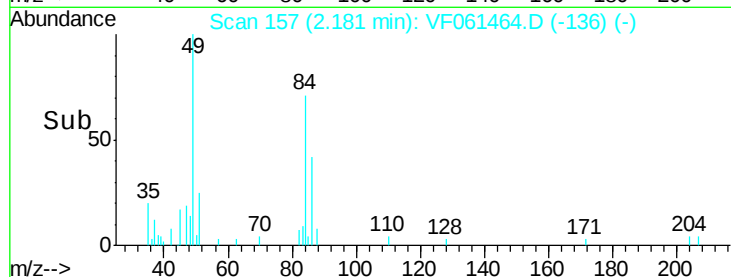
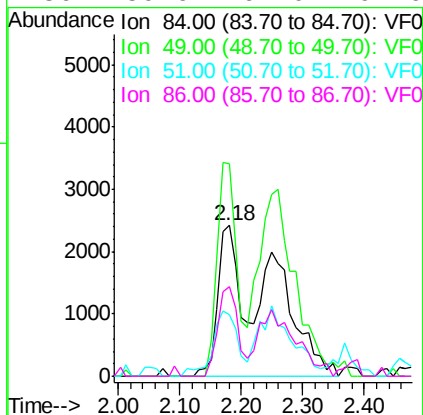
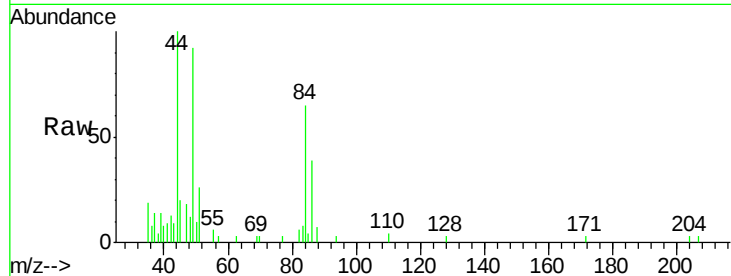
#20
Methvlene Chloride
Concen: 6.035 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. 0.01 min
Lab File: VF061464.D
Acq: 18 Jan 2019 17:29

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

Tot Ion	Ratio	Lower	Upper
84	100		
49	140.5	120.0	180.0
51	40.4	38.6	58.0
86	59.6	61.0	91.6#

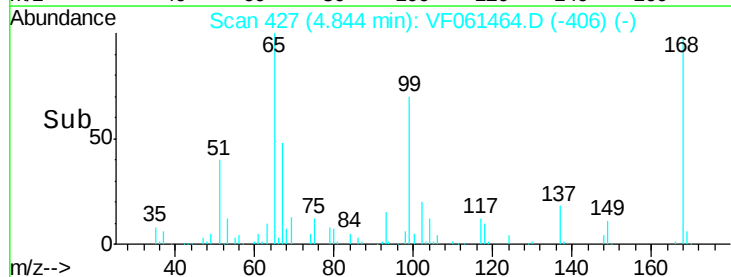
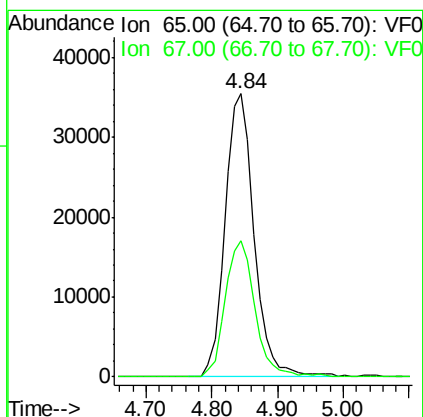
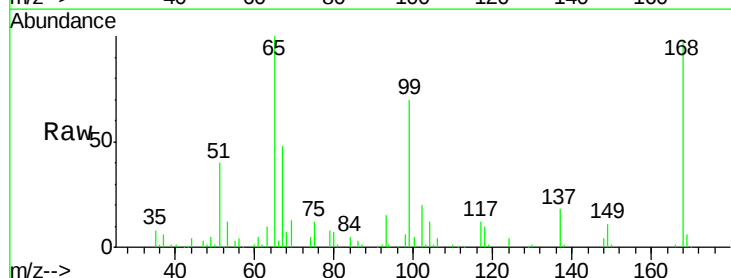
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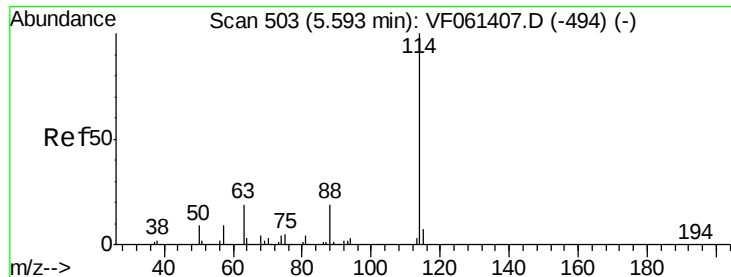
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#33
1,2-Dichloroethane-d4
Concen: 41.154 ug/l
RT: 4.84 min Scan# 427
Delta R.T. 0.01 min
Lab File: VF061464.D
Acq: 18 Jan 2019 17:29

Tgt Ion	Ratio	Lower	Upper
65	100		
67	48.2	0.0	99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. 0.00 min

Lab File: VF061464.D

Acq: 18 Jan 2019 17:29

Instrument :

MSVOA_F

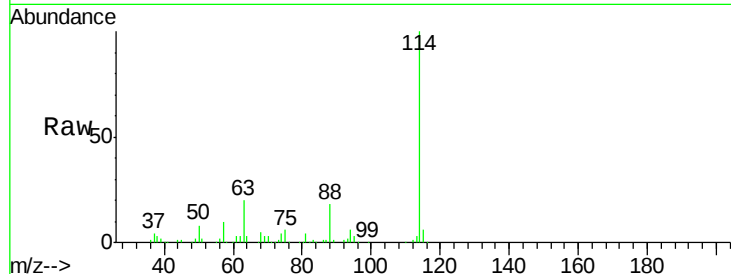
ClientSampleId :

PL-01-011819-B

Tot Ion:	114	Resp:	380161
Ion Ratio		Lower	Upper
114	100		
63	20.3	0.0	39.0
88	18.4	0.0	37.4

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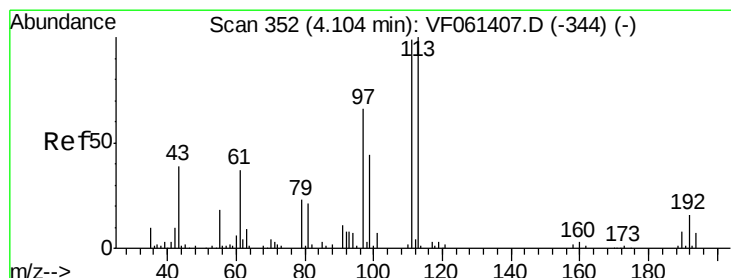
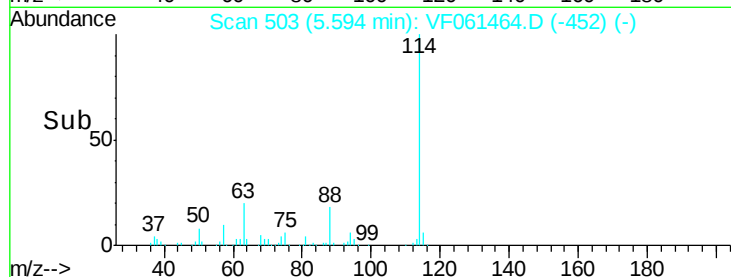
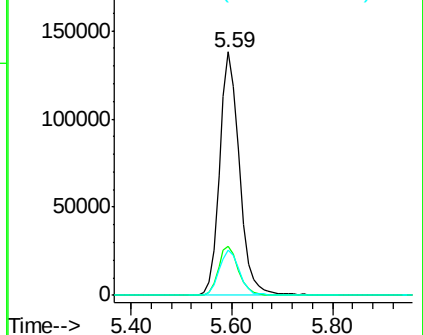
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 44.547 ug/l

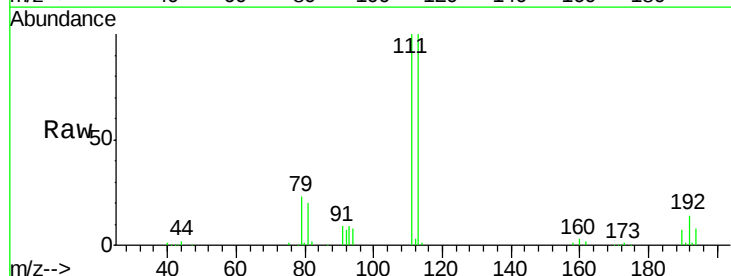
RT: 4.10 min Scan# 352

Delta R.T. 0.00 min

Lab File: VF061464.D

Acq: 18 Jan 2019 17:29

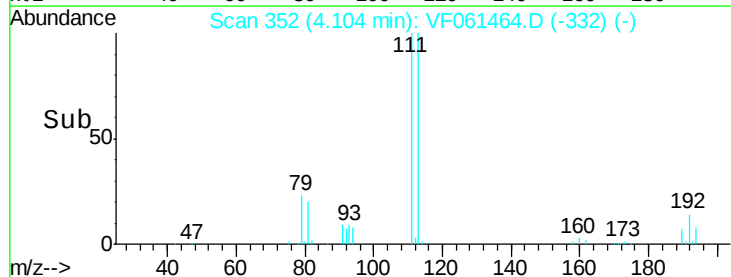
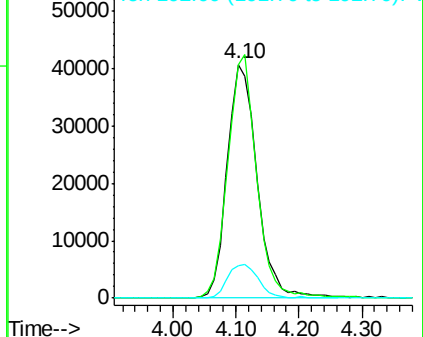
Tgt Ion:	113	Resp:	133631
Ion Ratio		Lower	Upper
113	100		
111	99.6	79.4	119.0
192	14.0	12.4	18.6

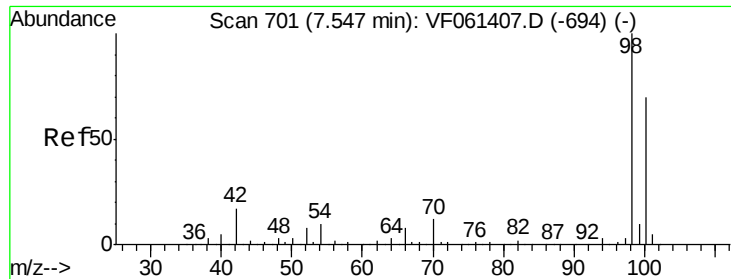


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 41.815 ug/l

RT: 7.55 min Scan# 701

Delta R.T. 0.00 min

Lab File: VF061464.D

Acq: 18 Jan 2019 17:29

Instrument :

MSVOA_F

ClientSampleId :

PL-01-011819-B

Tot Ion: 98 Resp: 343671

Ion Ratio Lower Upper

98 100

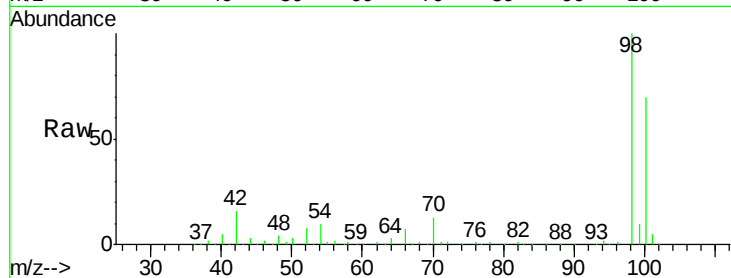
100 69.8 55.6 83.4

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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

150000

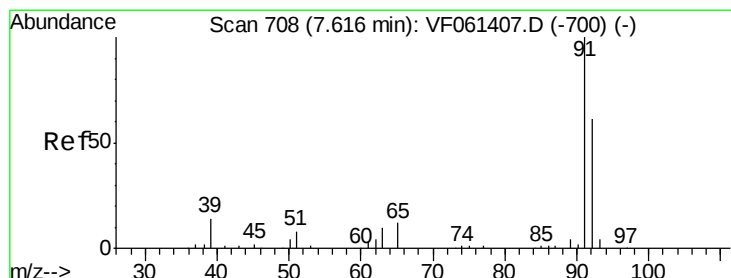
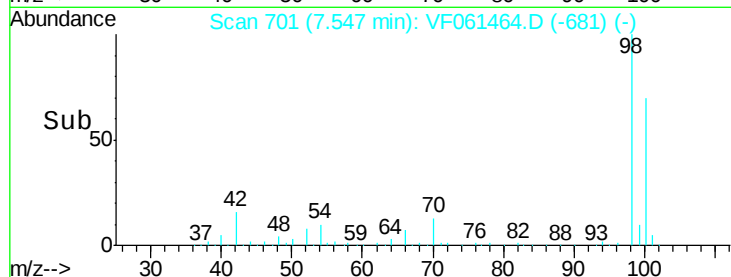
100000

50000

0

7.40 7.50 7.60 7.70

Time-->



#52

Toluene

Concen: 2.086 ug/l

RT: 7.62 min Scan# 708

Delta R.T. 0.00 min

Lab File: VF061464.D

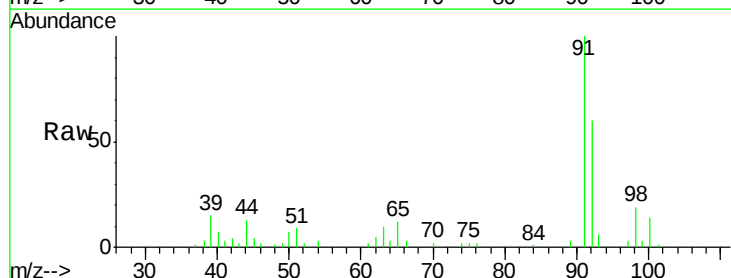
Acq: 18 Jan 2019 17:29

Tgt Ion: 92 Resp: 13476

Ion Ratio Lower Upper

92 100

91 166.0 131.2 196.8



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

10000

8000

6000

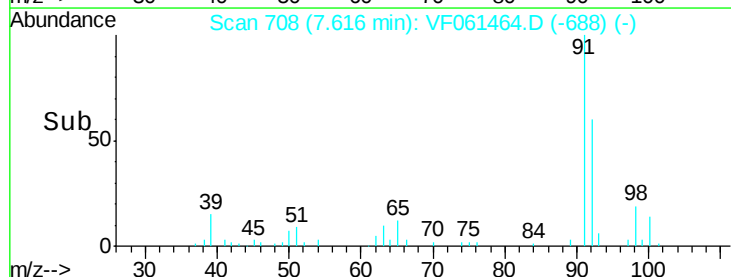
4000

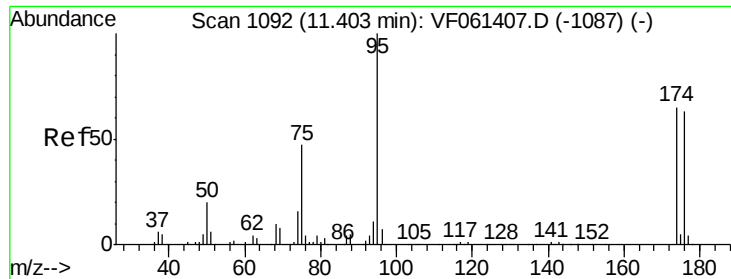
2000

0

7.55 7.60 7.65 7.70

Time-->





#62

4-Bromofluorobenzene

Concen: 38.557 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VF061464.D

Acq: 18 Jan 2019 17:29

Instrument :

MSVOA_F

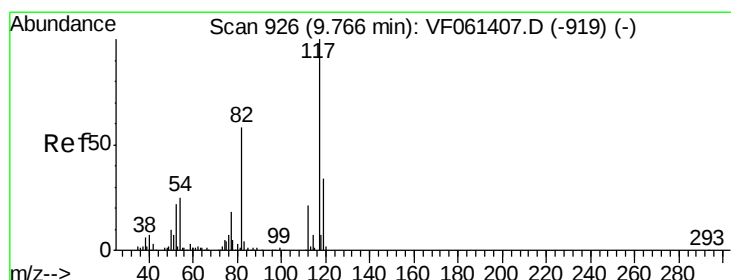
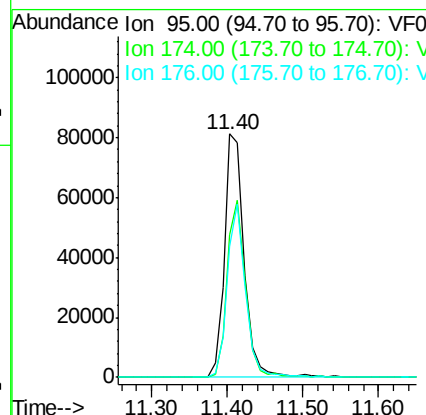
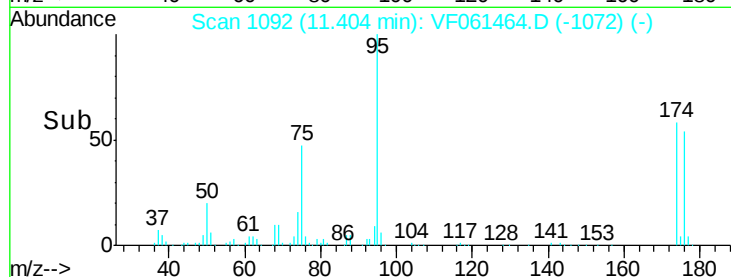
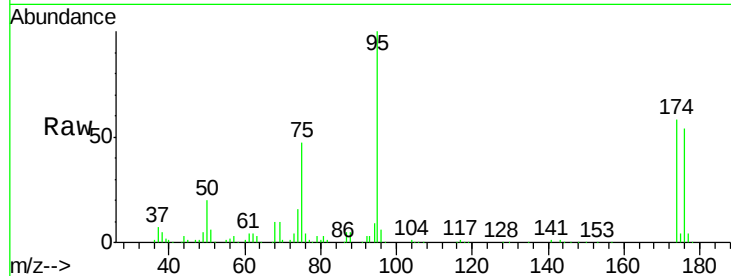
ClientSampleId :

PL-01-011819-B

Tot Ion:	95	Resp:	148064
Ion Ratio	Lower	Upper	
95	100		
174	58.5	0.0	130.4
176	53.9	0.0	126.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

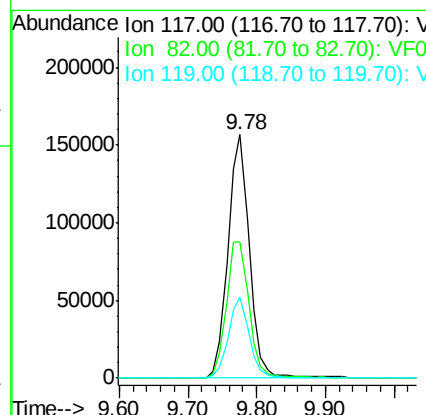
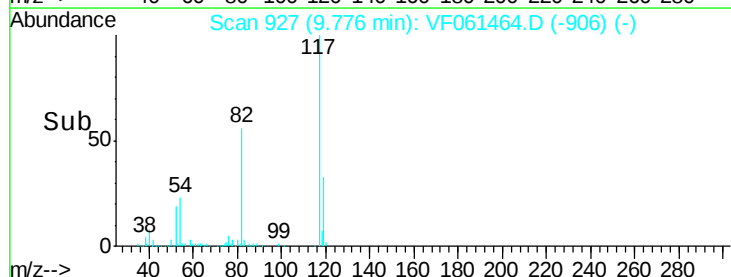
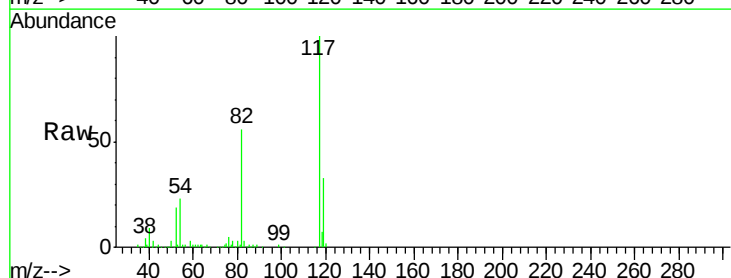
RT: 9.78 min Scan# 927

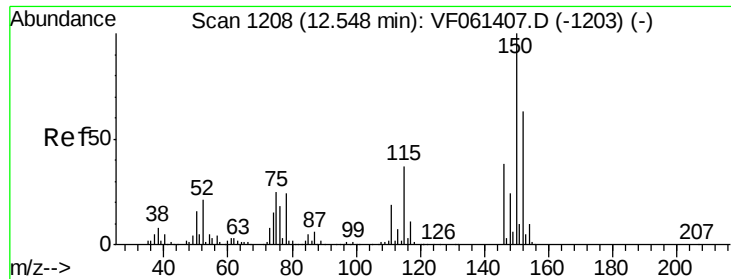
Delta R.T. 0.01 min

Lab File: VF061464.D

Acq: 18 Jan 2019 17:29

Tgt Ion:	117	Resp:	338230
Ion Ratio	Lower	Upper	
117	100		
82	56.0	46.4	69.6
119	33.1	27.2	40.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VF061464.D

Acq: 18 Jan 2019 17:29

Instrument :

MSVOA_F

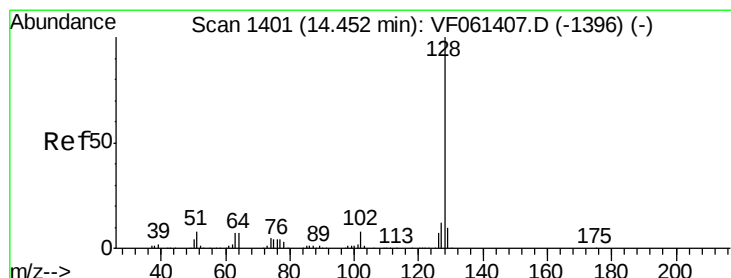
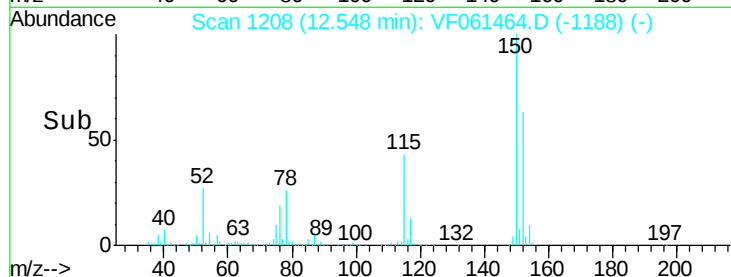
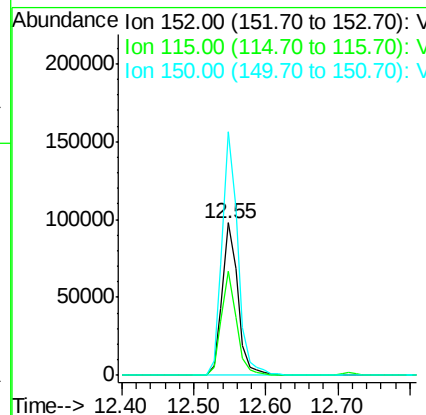
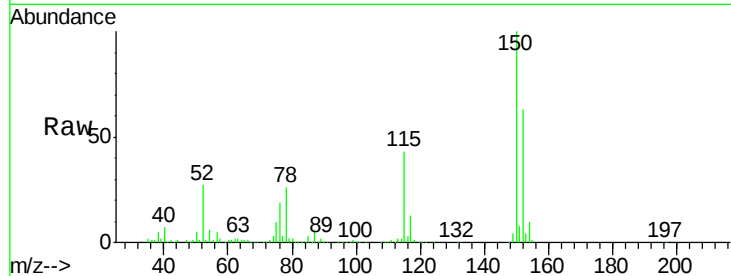
ClientSampleId :

PL-01-011819-B

Tot Ion:	152	Resp:	147800
Ion Ratio	Lower	Upper	
152	100		
115	68.0	30.0	90.0
150	159.4	0.0	321.4

Manual Integrations
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#95

Naphthalene

Concen: 26.584 ug/l

RT: 14.45 min Scan# 1401

Delta R.T. 0.00 min

Lab File: VF061464.D

Acq: 18 Jan 2019 17:29

Tgt Ion:	128	Resp:	168028
Ion Ratio	Lower	Upper	
128	100		
127	12.9	9.5	14.3
129	10.5	8.4	12.6

