

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012119\
 Data File : VF061469.D
 Acq On : 21 Jan 2019 12:56
 Operator : VA/AP
 Sample : VF0121SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0121SBL01

Manual Integrations
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Quant Time: Jan 22 06:37:36 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	197657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	356914	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	314382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	172845	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	113720	46.60	ug/l	0.01
Spiked Amount 50.000			Recovery	=	93.20%	
35) Dibromofluoromethane	4.12	113	145918	51.81	ug/l	0.01
Spiked Amount 50.000			Recovery	=	103.62%	
50) Toluene-d8	7.55	98	389876	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	11.41	95	185814	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.19	84	23528m	12.852	ug/l	

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

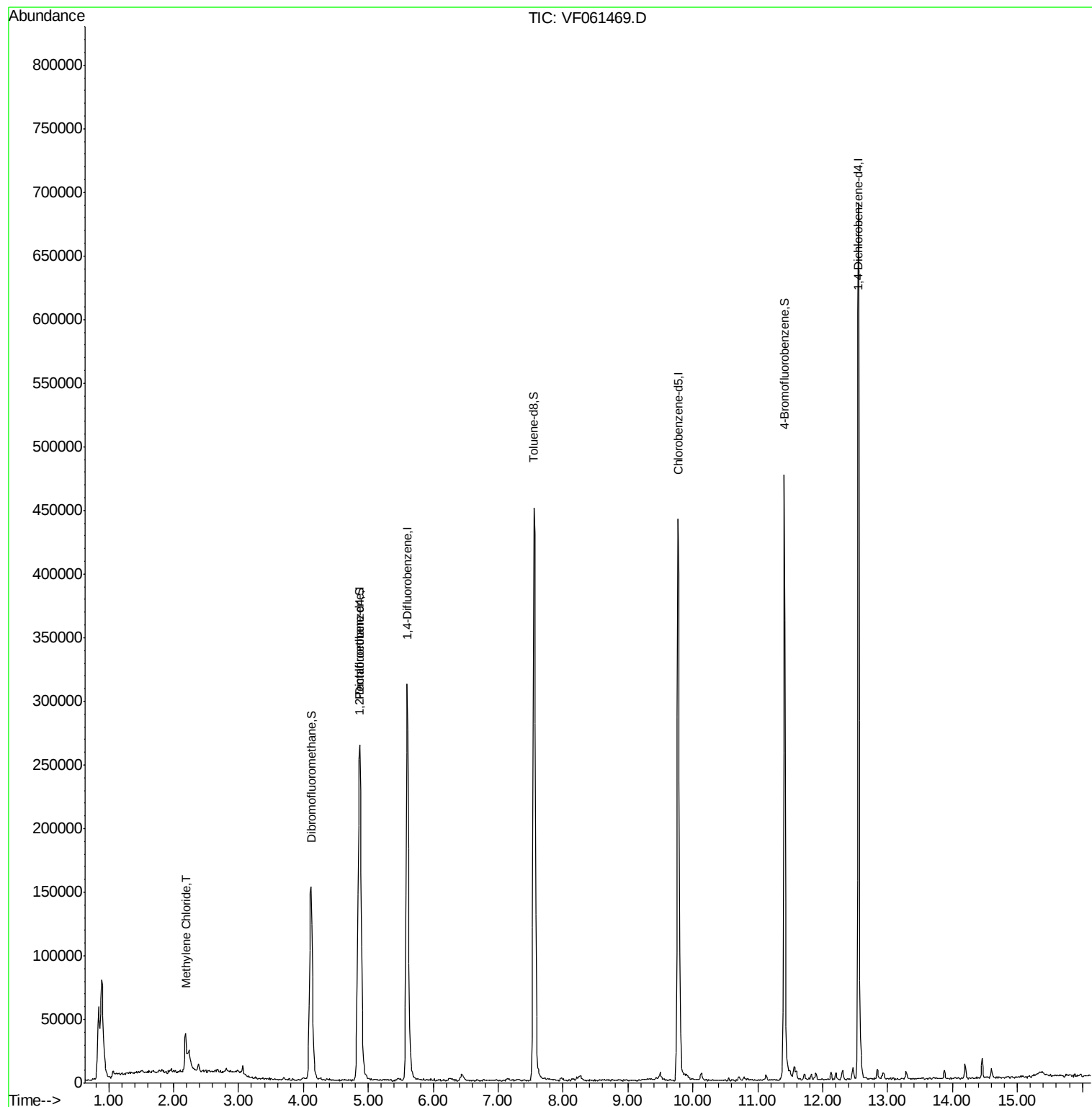
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF012119\
Data File : VF061469.D
Acq On : 21 Jan 2019 12:56
Operator : VA/AP
Sample : VF0121SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
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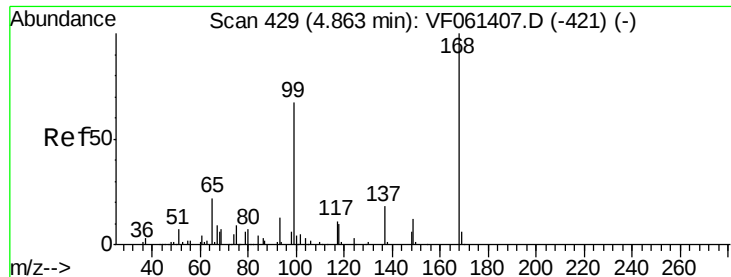
Instrument :
MSVOA_F
ClientSampleId :
VF0121SBL01

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Quant Time: Jan 22 06:37:36 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: VF061469.D

Acq: 21 Jan 2019 12:56

Instrument :

MSVOA_F

ClientSampleId :

VF0121SBL01

Tot Ion:168 Resp: 197657

Ion Ratio Lower Upper

168 100

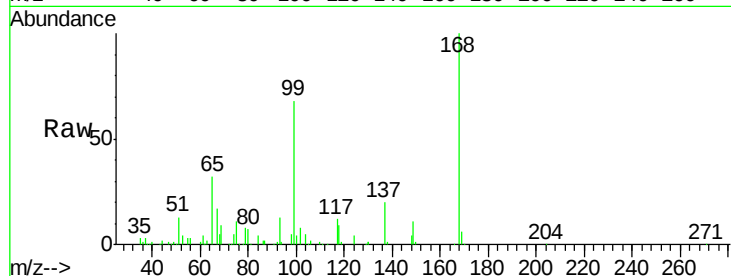
99 68.3 53.5 80.3

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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

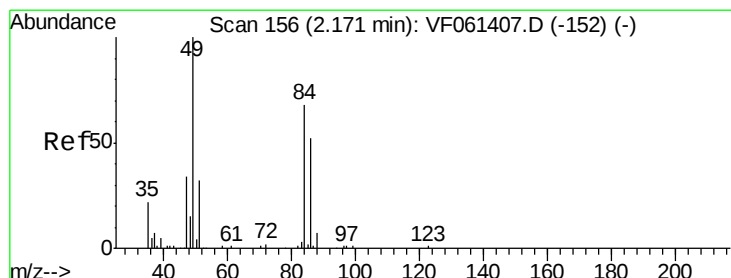
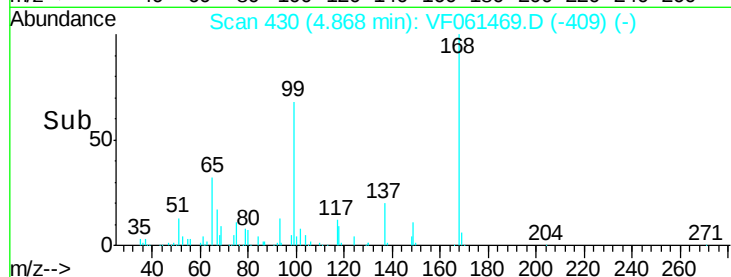
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 12.852 ug/l m

RT: 2.19 min Scan# 158

Delta R.T. 0.02 min

Lab File: VF061469.D

Acq: 21 Jan 2019 12:56

Tgt Ion: 84 Resp: 23528

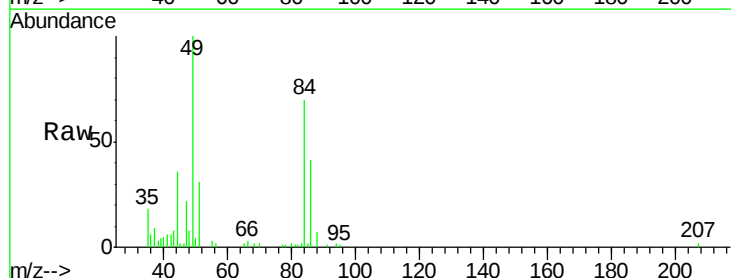
Ion Ratio Lower Upper

84 100

49 143.1 120.0 180.0

51 45.0 38.6 58.0

86 58.8 61.0 91.6#



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

2.19

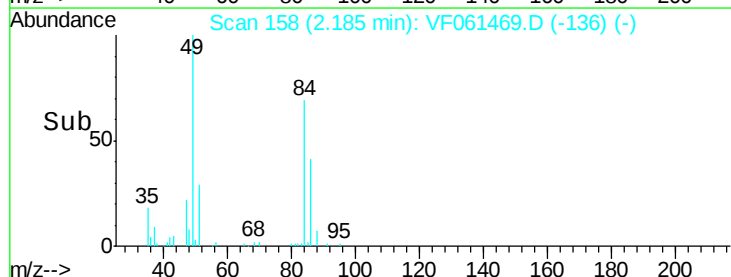
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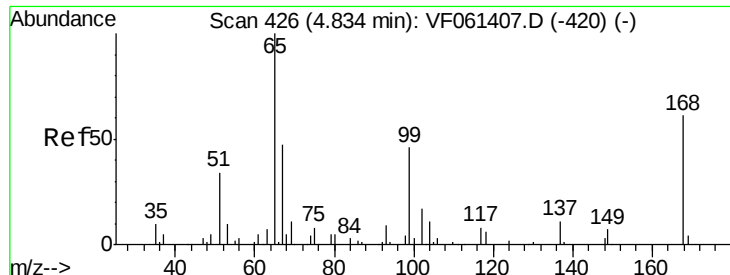
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5000

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Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.600 ug/l

RT: 4.85 min Scan# 428

Delta R.T. 0.01 min

Lab File: VF061469.D

Acq: 21 Jan 2019 12:56

Tot Ion: 65 Resp: 113720

Ion Ratio Lower Upper

65 100

67 48.4 0.0 99.8

Instrument :

MSVOA_F

ClientSampleId :

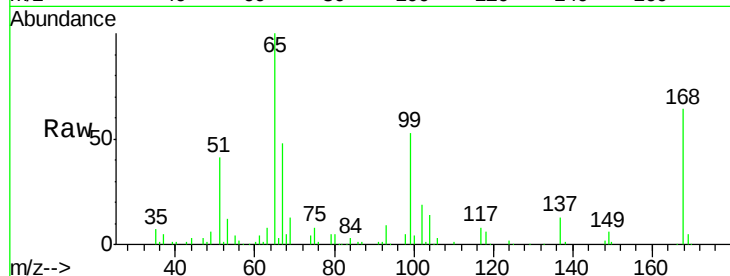
VF0121SBL01

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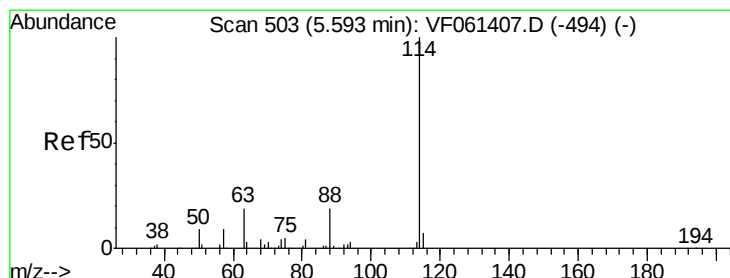
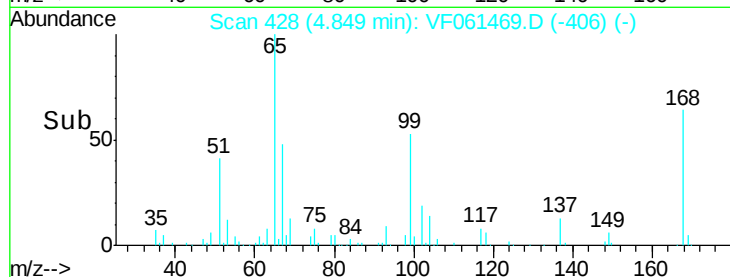
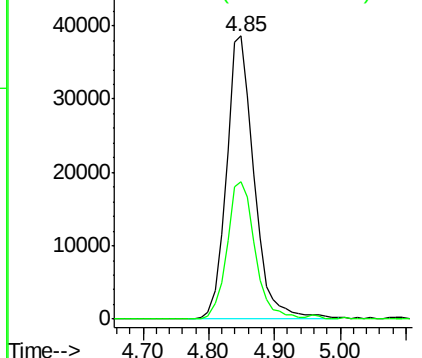
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.00 min

Lab File: VF061469.D

Acq: 21 Jan 2019 12:56

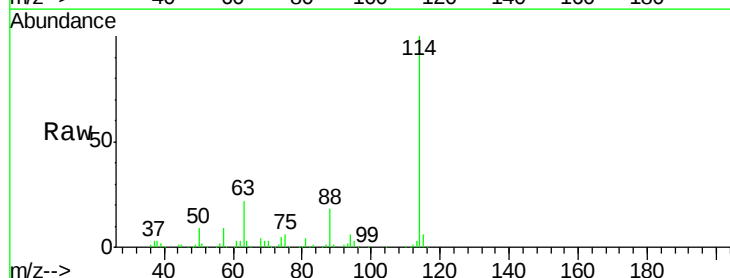
Tgt Ion: 114 Resp: 356914

Ion Ratio Lower Upper

114 100

63 21.5 0.0 39.0

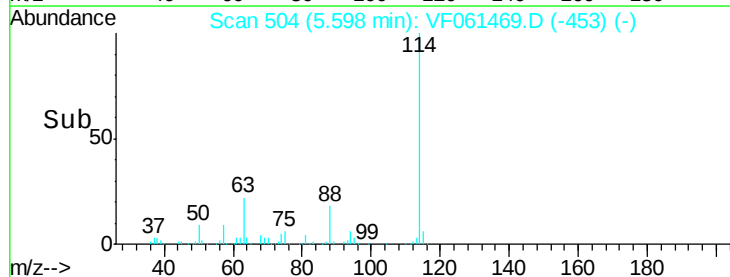
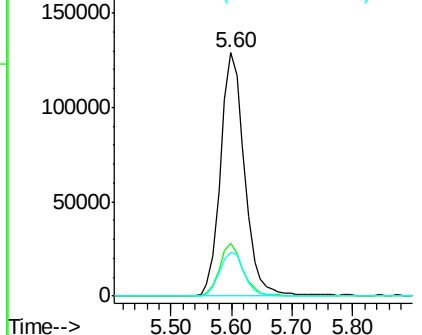
88 18.1 0.0 37.4

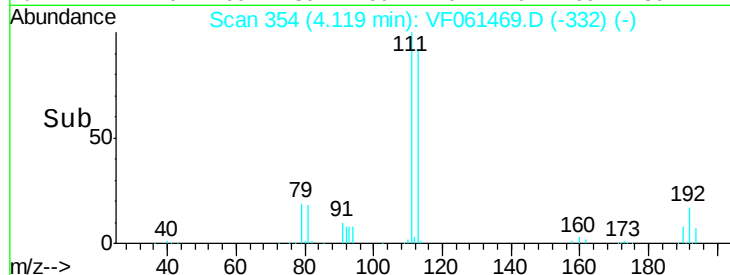
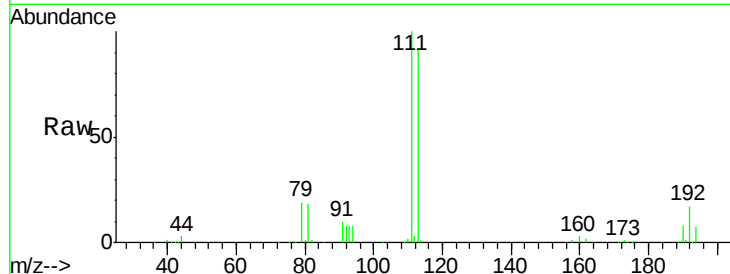
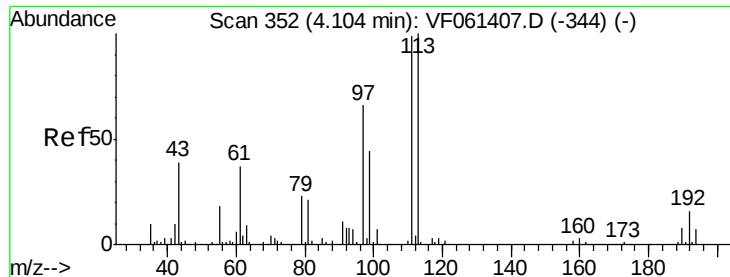


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





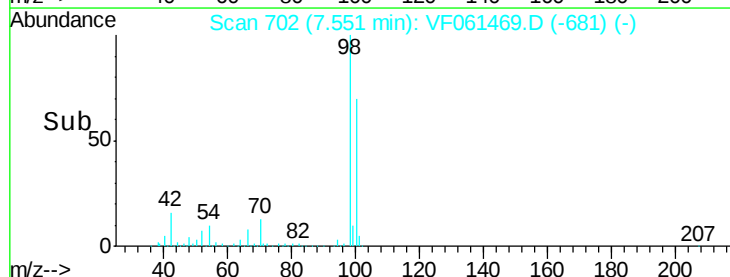
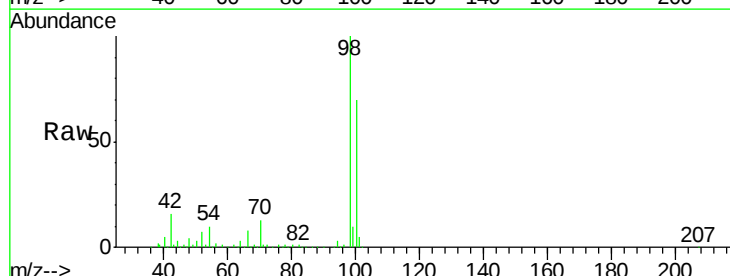
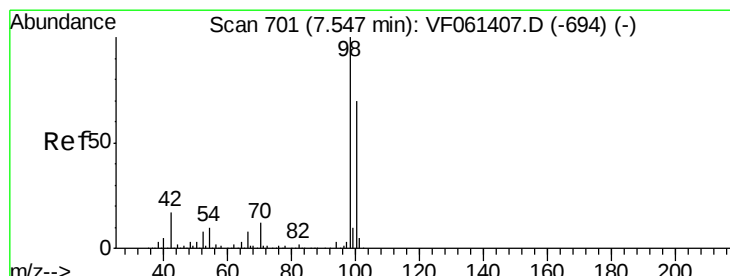
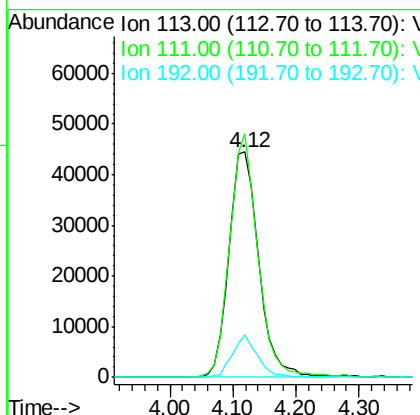
#35
Dibromofluoromethane
Concen: 51.811 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF061469.D
Acq: 21 Jan 2019 12:56

Tot Ion	Ratio	Resp	Lower	Upper
113	100	145918		
111	108.1	79.4	119.0	
192	18.9	12.4	18.6	

Instrument :
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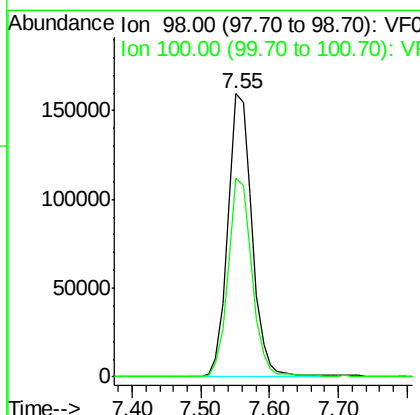
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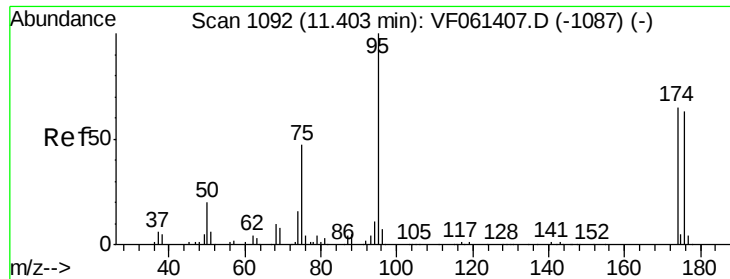
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#50
Toluene-d8
Concen: 50.526 ug/l
RT: 7.55 min Scan# 702
Delta R.T. 0.00 min
Lab File: VF061469.D
Acq: 21 Jan 2019 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	389876		
100	70.3	55.6	83.4	





#62

4-Bromofluorobenzene

Concen: 51.539 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VF061469.D

Acq: 21 Jan 2019 12:56

Instrument :

MSVOA_F

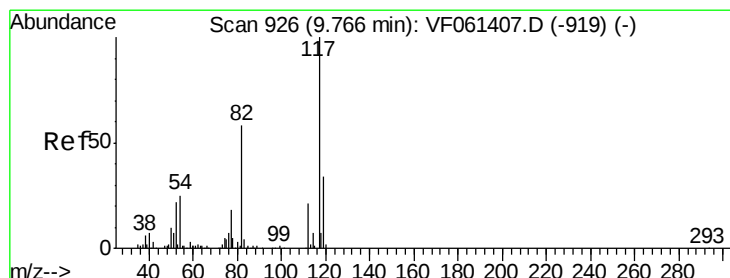
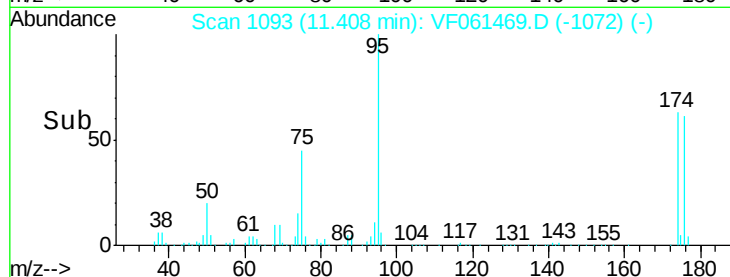
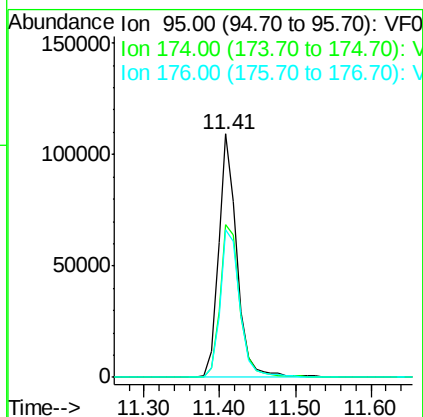
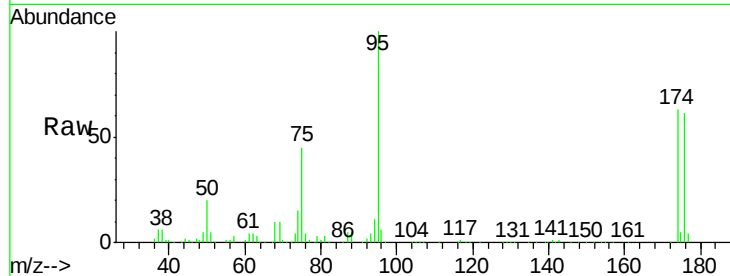
ClientSampled :

VF0121SBL01

Tot Ion:	95	Resp:	185814
Ion Ratio	Lower	Upper	
95	100		
174	62.9	0.0	130.4
176	60.7	0.0	126.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

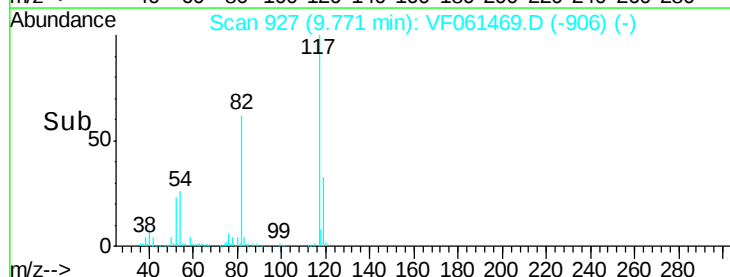
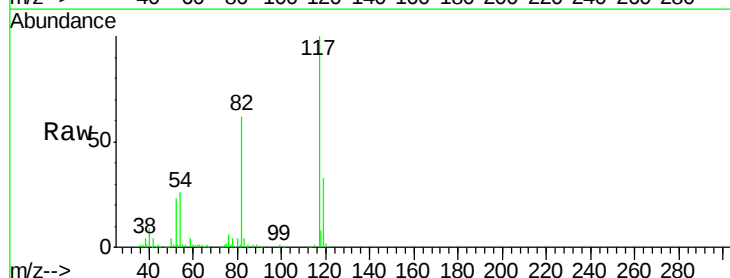
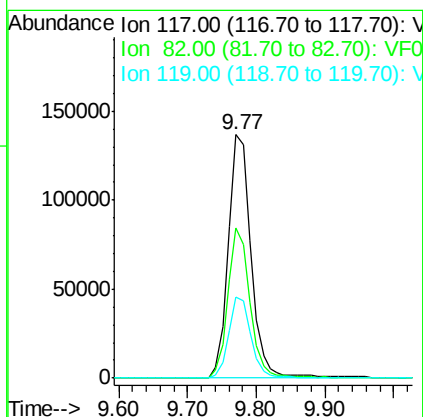
RT: 9.77 min Scan# 927

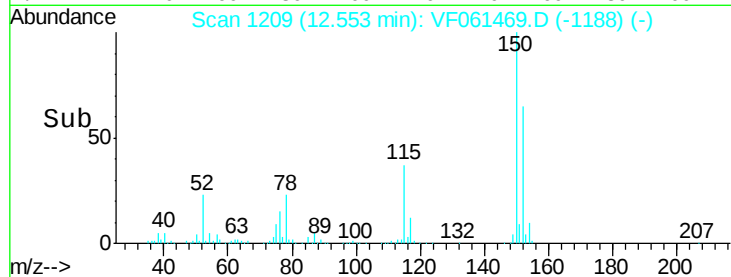
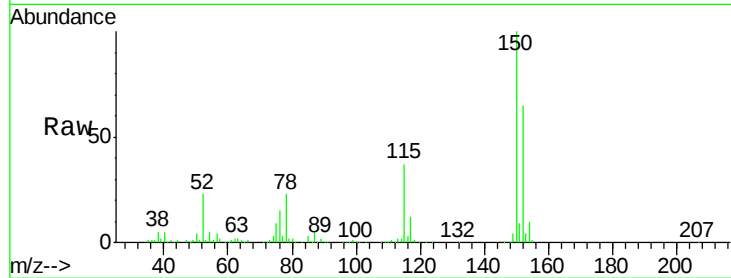
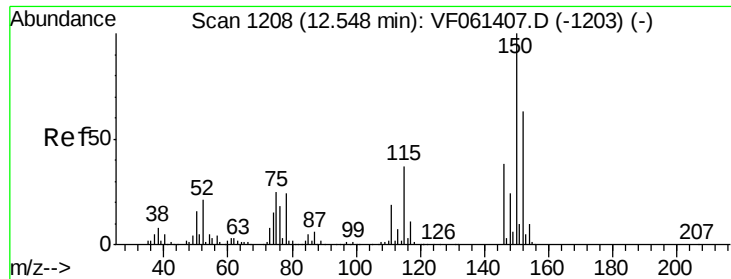
Delta R.T. 0.00 min

Lab File: VF061469.D

Acq: 21 Jan 2019 12:56

Tgt Ion:	117	Resp:	314382
Ion Ratio	Lower	Upper	
117	100		
82	61.5	46.4	69.6
119	33.2	27.2	40.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. 0.00 min

Lab File: VF061469.D

Acq: 21 Jan 2019 12:56

Tot Ion	Ratio	Resp	Lower	Upper
152	100	172845		
115	57.9		30.0	90.0
150	154.6		0.0	321.4

Instrument :
MSVOA_F
ClientSampleId :
VF0121SBL01

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