

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012519\
 Data File : VF061522.D
 Acq On : 25 Jan 2019 15:52
 Operator : VA/AP
 Sample : K1238-01RE
 Misc : 7.19g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S1RE

Manual Integrations
 APPROVED

MMDadoda
 1/28/2019 12:48:30 PM

Quant Time: Jan 28 01:00:20 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	197254	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.59	114	354023	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	313186	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	160932	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	100087	41.10	ug/l	0.01
Spiked Amount 50.000			Recovery	=	82.20%	
35) Dibromofluoromethane	4.11	113	113238	40.54	ug/l	0.01
Spiked Amount 50.000			Recovery	=	81.08%	
50) Toluene-d8	7.56	98	271160	35.43	ug/l	0.01
Spiked Amount 50.000			Recovery	=	70.86%	
62) 4-Bromofluorobenzene	11.41	95	132775	37.13	ug/l	0.01
Spiked Amount 50.000			Recovery	=	74.26%	
Target Compounds						
16) Acetone	2.24	43	25231	51.644	ug/l	94
20) Methylene Chloride	2.25	84	17013m	8.811	ug/l	
52) Toluene	7.63	92	18826	3.130	ug/l	78

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

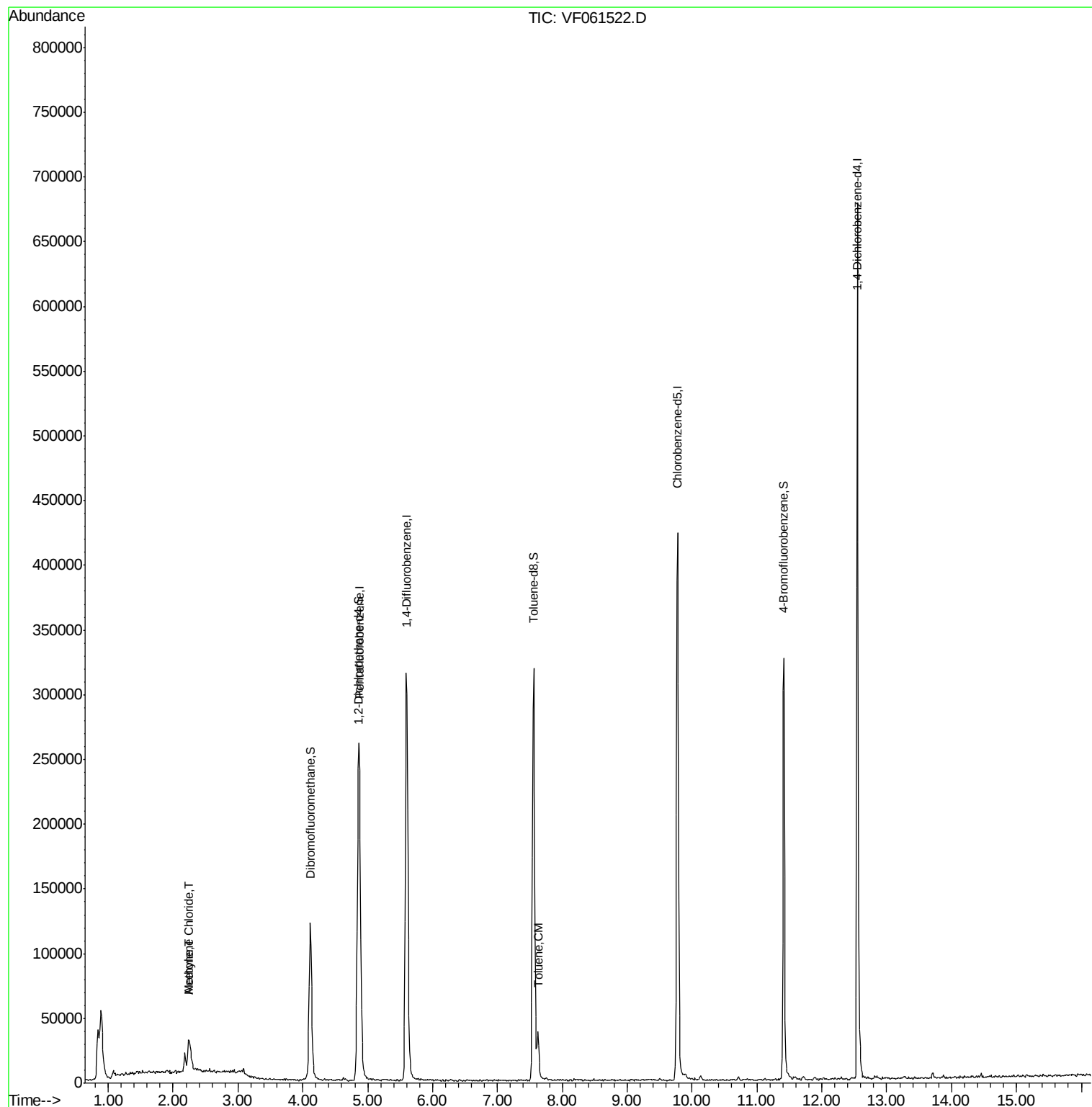
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF012519\
Data File : VF061522.D
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Operator : VA/AP
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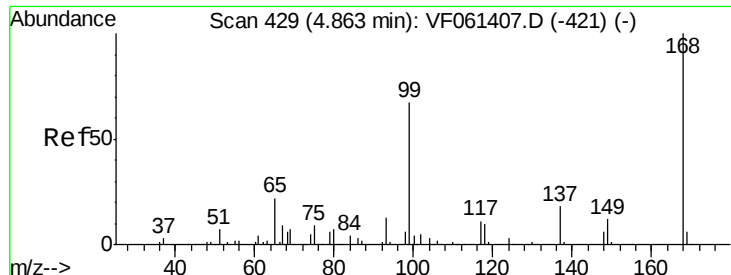
Instrument :
MSVOA_F
ClientSampleId :
S1RE

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Quant Time: Jan 28 01:00:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
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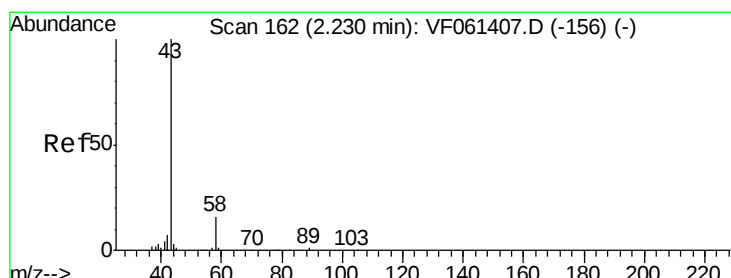
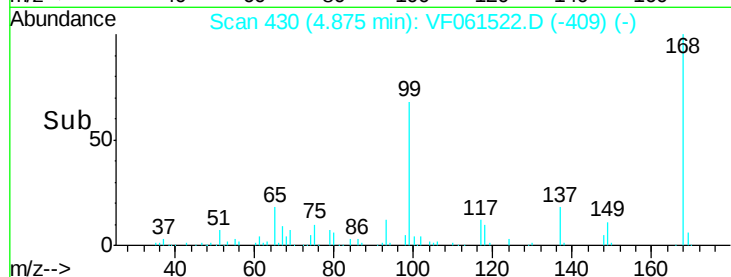
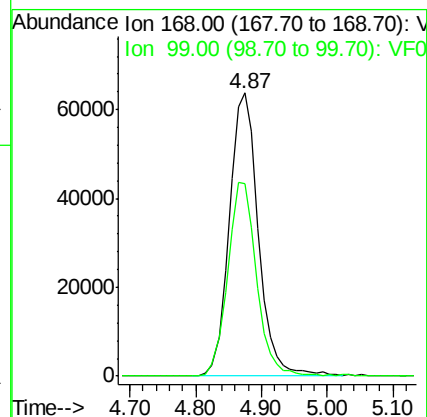
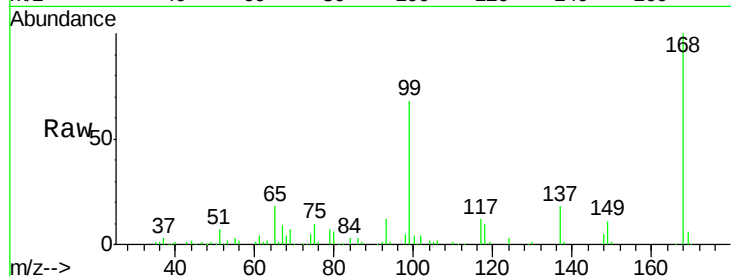
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.01 min
Lab File: VF061522.D
Acq: 25 Jan 2019 15:52

Instrument :
MSVOA_F
ClientSampleId :
S1RE

Tot Ion	Ratio	Lower	Upper
168	100		
99	68.0	53.5	80.3

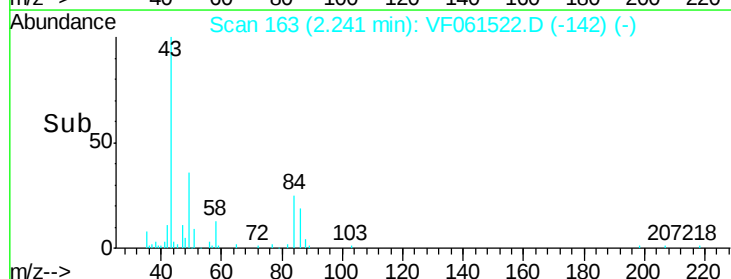
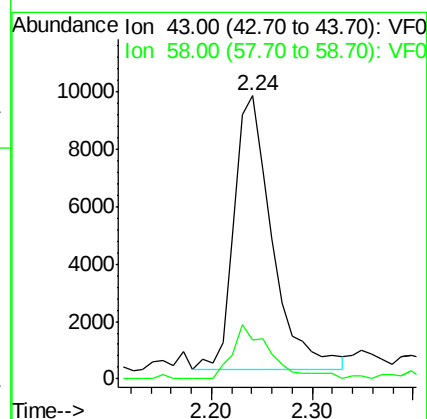
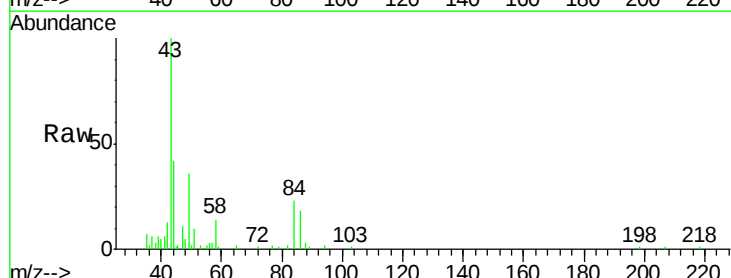
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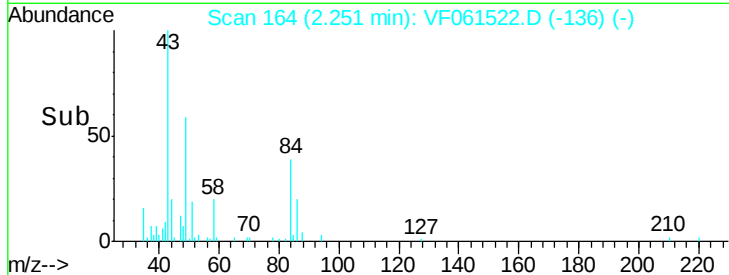
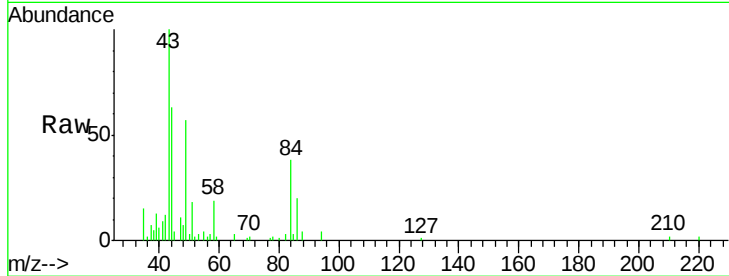
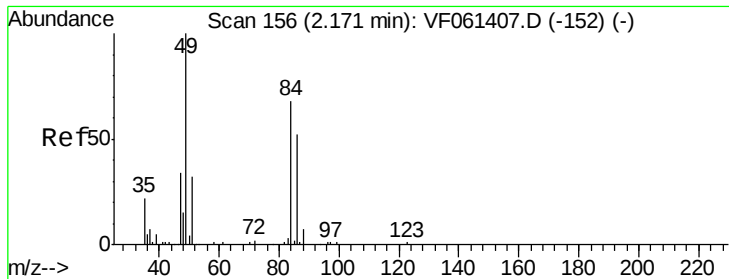
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#16
Acetone
Concen: 51.644 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.01 min
Lab File: VF061522.D
Acq: 25 Jan 2019 15:52

Tgt Ion	Ratio	Lower	Upper
43	100		
58	13.9	13.3	19.9





#20

Methylene Chloride

Concen: 8.811 ug/l m

RT: 2.25 min Scan# 164

Delta R.T. 0.08 min

Lab File: VF061522.D

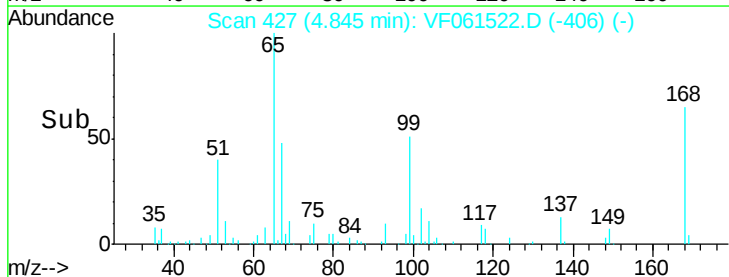
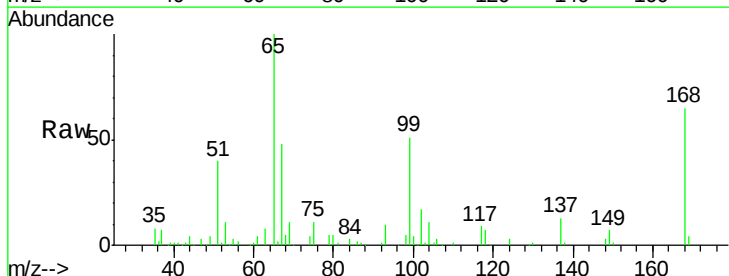
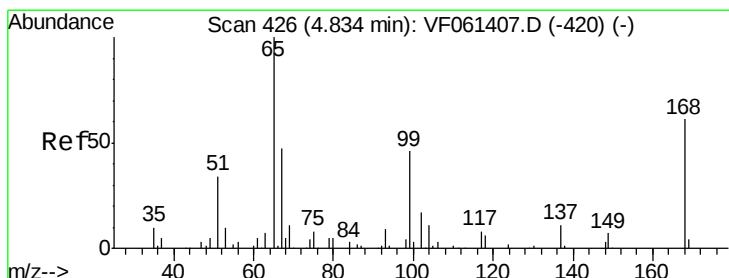
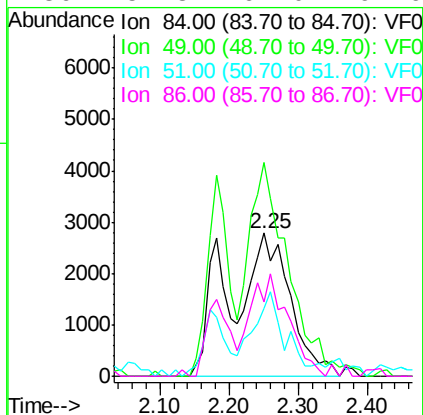
Acq: 25 Jan 2019 15:52

Tot Ion:	84	Resp:	17013
Ion	Ratio	Lower	Upper
84	100		
49	149.3	120.0	180.0
51	47.0	38.6	58.0
86	51.8	61.0	91.6

Instrument :
MSVOA_F
ClientSampled :
S1RE

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#33

1,2-Dichloroethane-d4

Concen: 41.097 ug/l

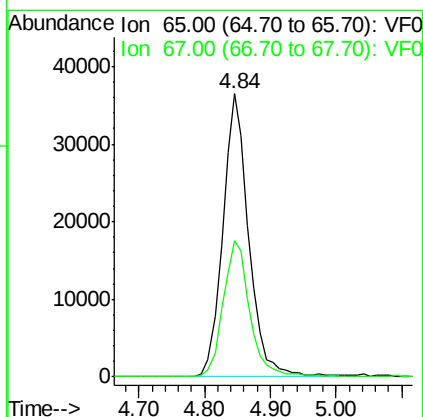
RT: 4.84 min Scan# 427

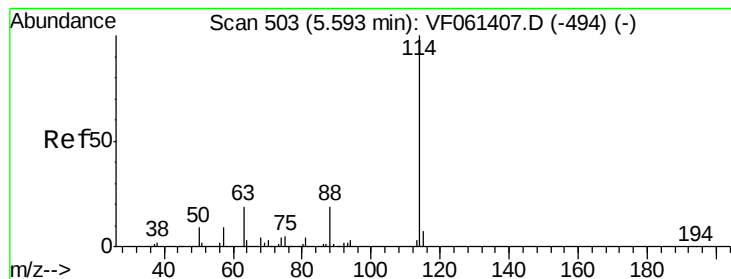
Delta R.T. 0.01 min

Lab File: VF061522.D

Acq: 25 Jan 2019 15:52

Tgt Ion:	65	Resp:	100087
Ion	Ratio	Lower	Upper
65	100		
67	48.1	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: VF061522.D

Acq: 25 Jan 2019 15:52

Instrument :

MSVOA_F

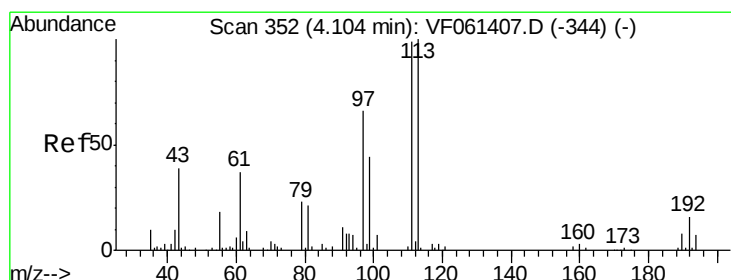
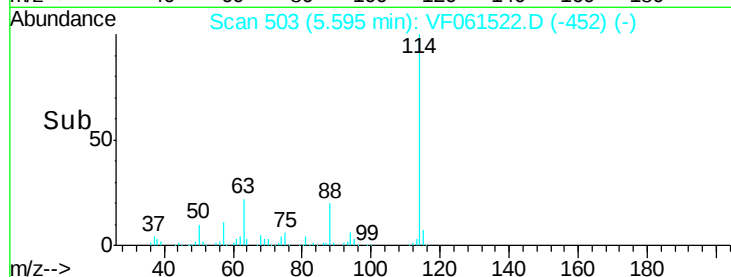
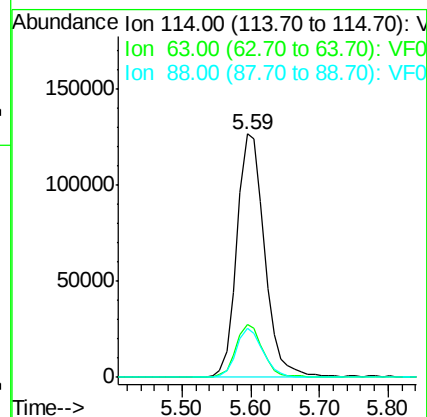
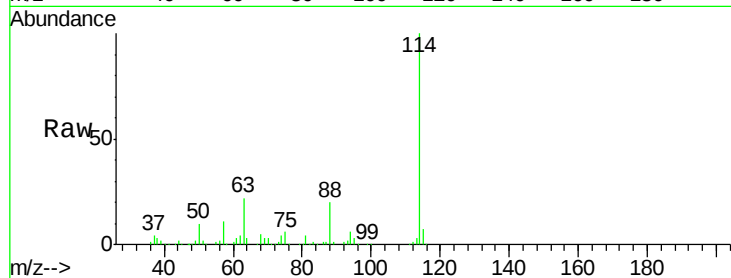
ClientSampleId :

S1RE

Tot Ion:	114	Resp:	354023
Ion Ratio		Lower	Upper
114	100		
63	21.7	0.0	39.0
88	20.1	0.0	37.4

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#35

Dibromofluoromethane

Concen: 40.536 ug/l

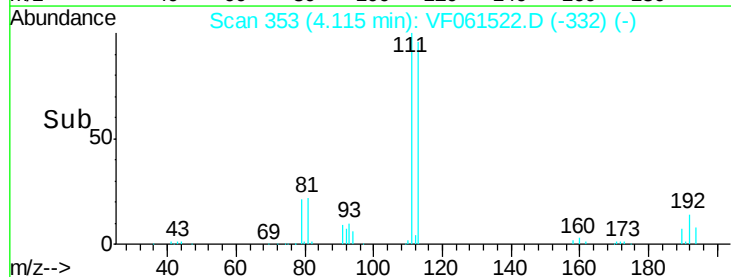
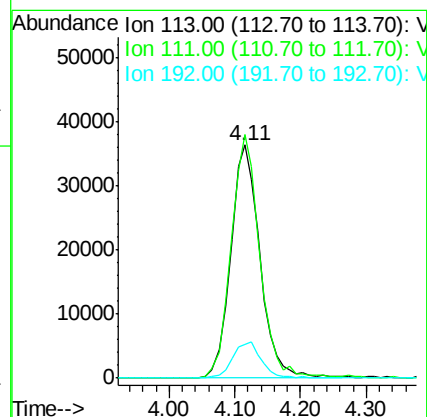
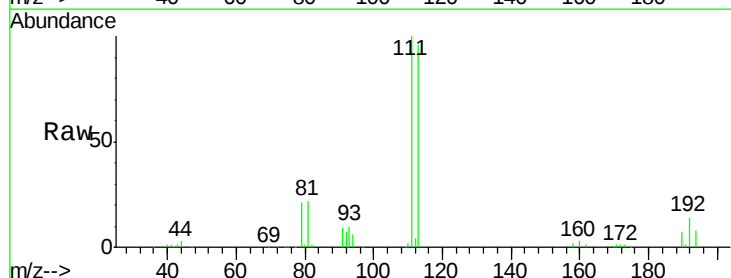
RT: 4.11 min Scan# 353

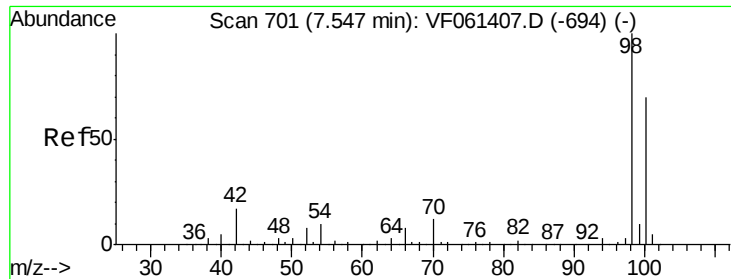
Delta R.T. 0.01 min

Lab File: VF061522.D

Acq: 25 Jan 2019 15:52

Tgt Ion:	113	Resp:	113238
Ion Ratio		Lower	Upper
113	100		
111	104.3	79.4	119.0
192	14.3	12.4	18.6





#50

Toluene-d8

Concen: 35.428 ug/l

RT: 7.56 min Scan# 702

Delta R.T. 0.01 min

Lab File: VF061522.D

Acq: 25 Jan 2019 15:52

Instrument :

MSVOA_F

ClientSampled :

S1RE

Tot Ion: 98 Resp: 271160

Ion Ratio Lower Upper

98 100

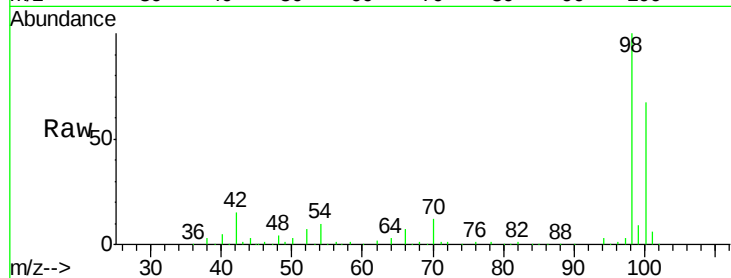
100 67.2 55.6 83.4

Manual Integrations

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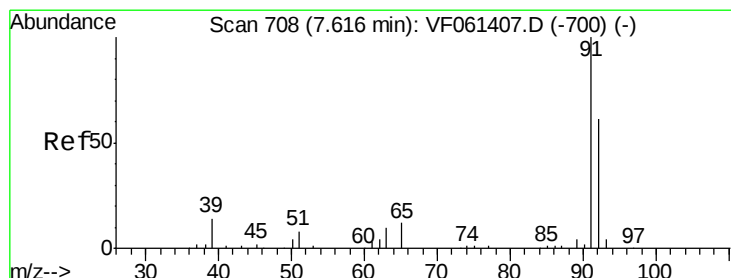
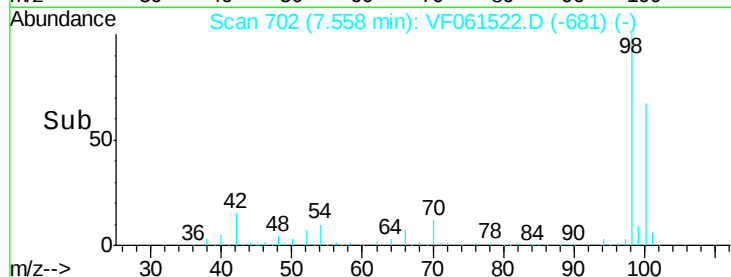
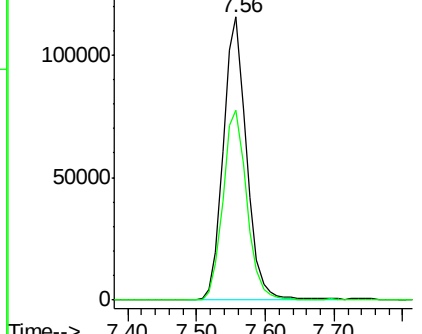
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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#52

Toluene

Concen: 3.130 ug/l

RT: 7.63 min Scan# 709

Delta R.T. 0.01 min

Lab File: VF061522.D

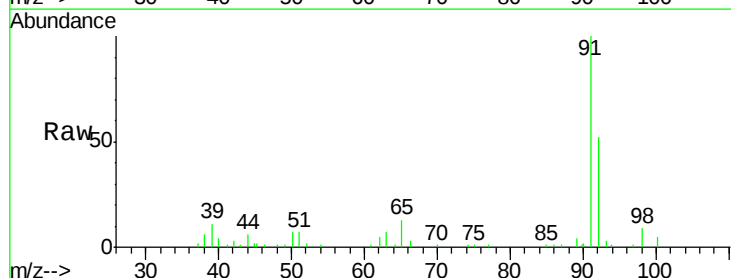
Acq: 25 Jan 2019 15:52

Tgt Ion: 92 Resp: 18826

Ion Ratio Lower Upper

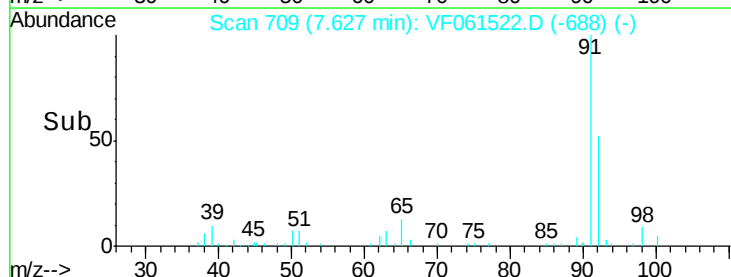
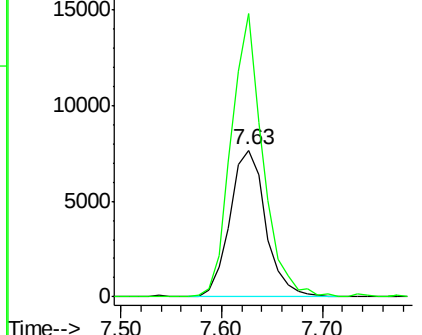
92 100

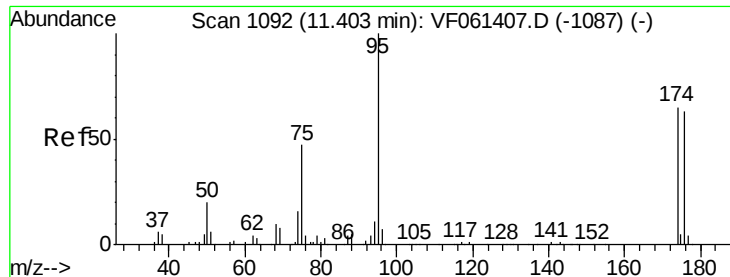
91 192.9 131.2 196.8



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#62

4-Bromofluorobenzene

Concen: 37.129 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VF061522.D

Acq: 25 Jan 2019 15:52

Instrument :

MSVOA_F

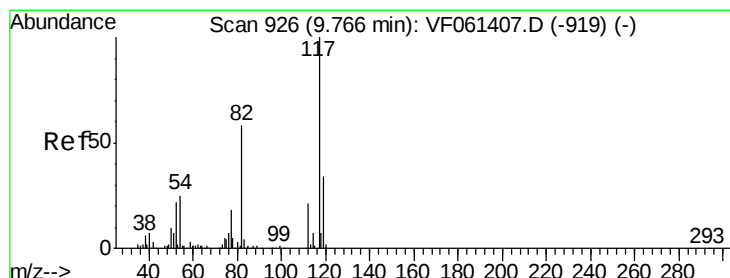
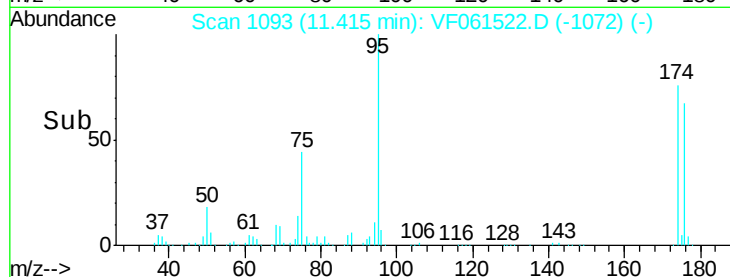
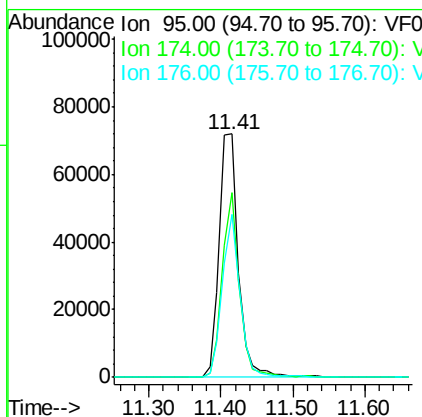
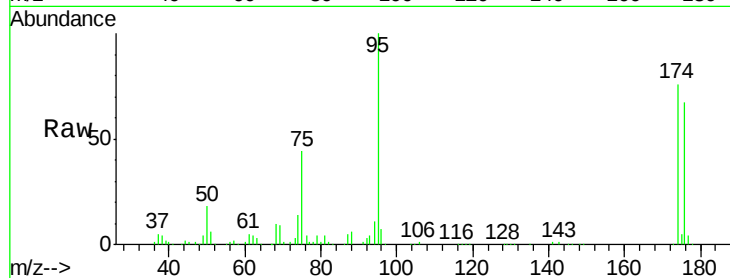
ClientSampled :

S1RE

Tot Ion:	95	Resp:	132775
Ion Ratio	Lower	Upper	
95	100		
174	75.8	0.0	130.4
176	67.1	0.0	126.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

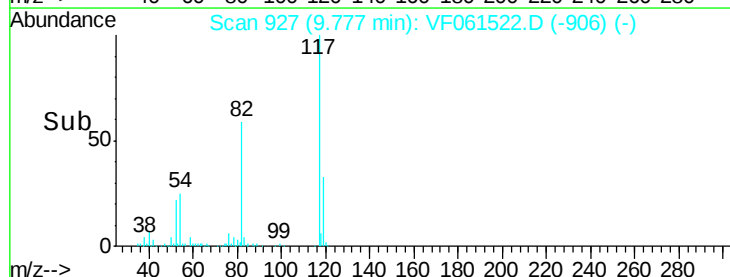
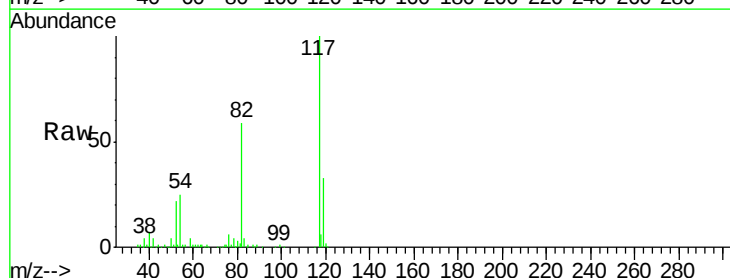
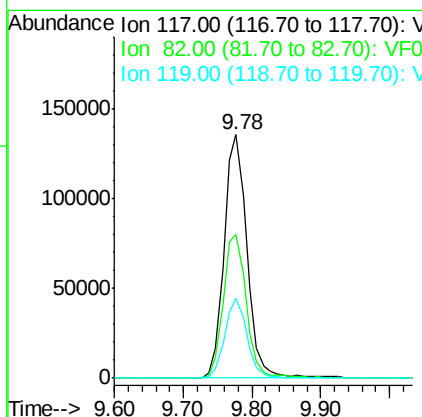
RT: 9.78 min Scan# 927

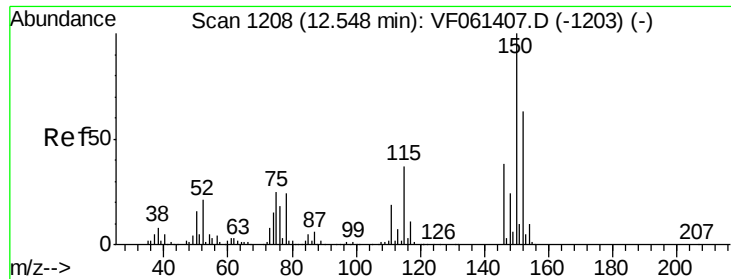
Delta R.T. 0.01 min

Lab File: VF061522.D

Acq: 25 Jan 2019 15:52

Tgt Ion:	117	Resp:	313186
Ion Ratio	Lower	Upper	
117	100		
82	59.0	46.4	69.6
119	32.9	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: VF061522.D

Acq: 25 Jan 2019 15:52

Instrument :

MSVOA_F

ClientSampleId :

S1RE

Tot Ion:152 Resp: 160932

Ion Ratio Lower Upper

152 100

115 64.9 30.0 90.0

150 156.8 0.0 321.4

Manual Integrations

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