

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022219\
 Data File : VF061715.D
 Acq On : 22 Feb 2019 18:26
 Operator : VA/AP
 Sample : K1597-01RE
 Misc : 6.53g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-25RE

Manual Integrations
 APPROVED

MMDadoda
 2/27/2019 5:41:21 PM

Quant Time: Feb 23 03:23:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	311589	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.57	114	502211	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	427564	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	222306	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	124040	54.29	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	108.58%	
35) Dibromofluoromethane	4.09	113	187978	50.40	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	100.80%	
50) Toluene-d8	7.54	98	466119	43.48	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.96%	
62) 4-Bromofluorobenzene	11.39	95	201730	46.50	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.00%	
Target Compounds						
16) Acetone	2.22	43	17617	35.935	ug/l	Qvalue 89
20) Methylene Chloride	2.17	84	23371m	6.714	ug/l	

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

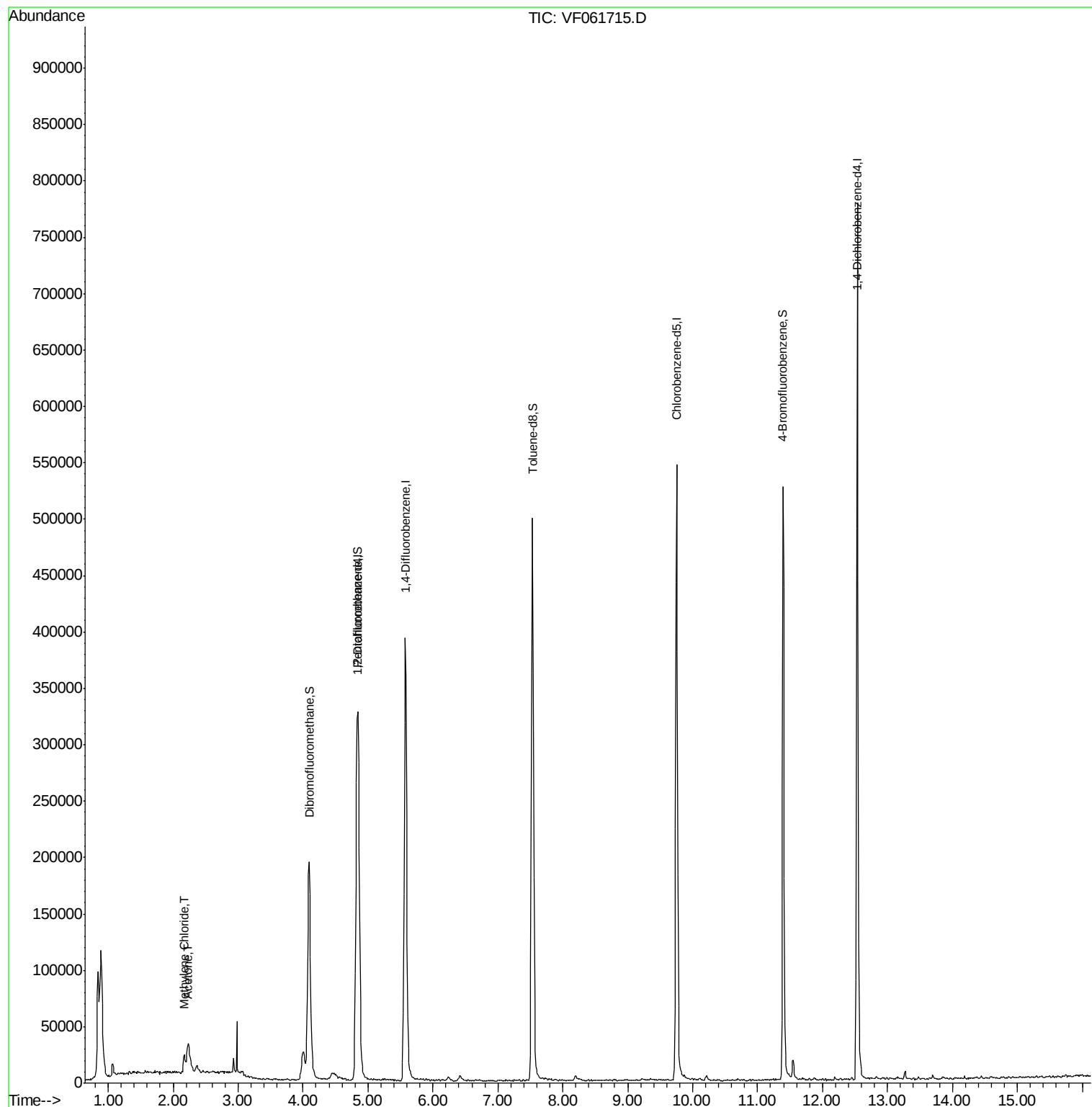
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022219\
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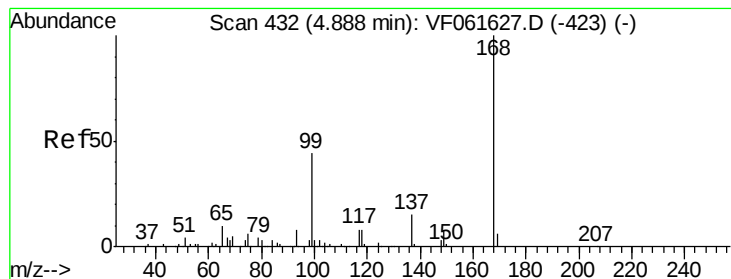
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF061715.D

Acq: 22 Feb 2019 18:26

Instrument :

MSVOA_F

ClientSampleId :

TP-25RE

Tot Ion:168 Resp: 311589

Ion Ratio Lower Upper

168 100

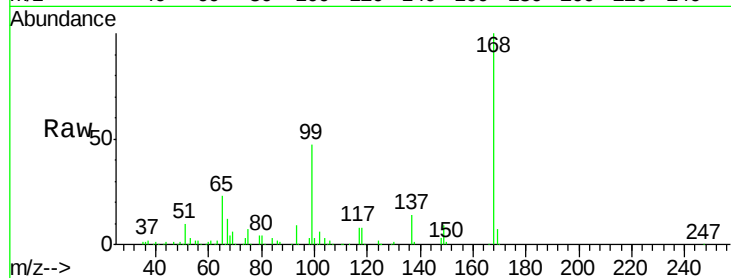
99 47.4 34.9 52.3

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.84

100000

80000

60000

40000

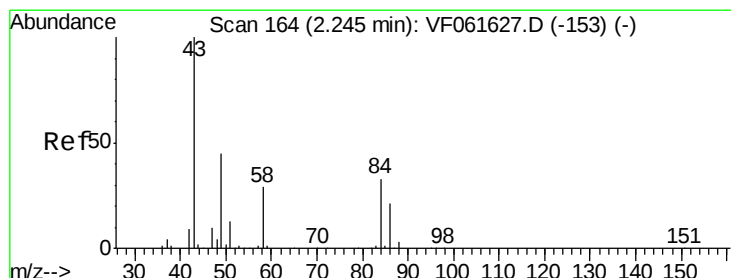
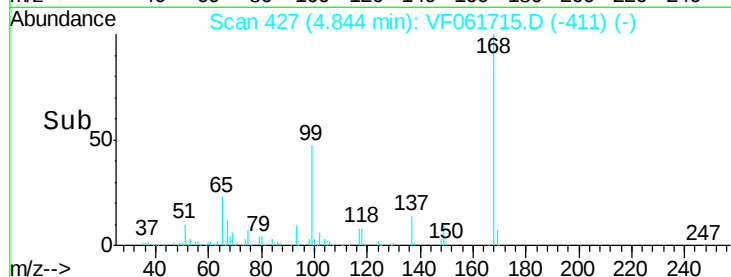
20000

0

4.80

5.00

Time-->



#16

Acetone

Concen: 35.935 ug/l

RT: 2.22 min Scan# 161

Delta R.T. -0.02 min

Lab File: VF061715.D

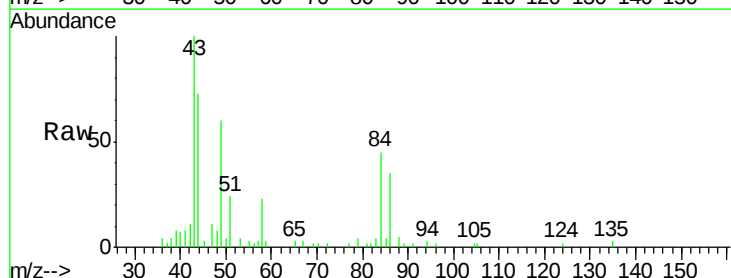
Acq: 22 Feb 2019 18:26

Tgt Ion: 43 Resp: 17617

Ion Ratio Lower Upper

43 100

58 23.0 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.22

6000

4000

2000

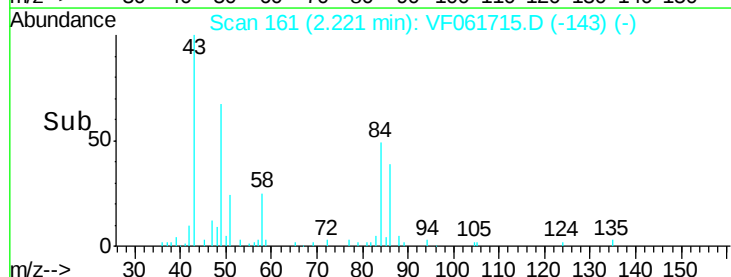
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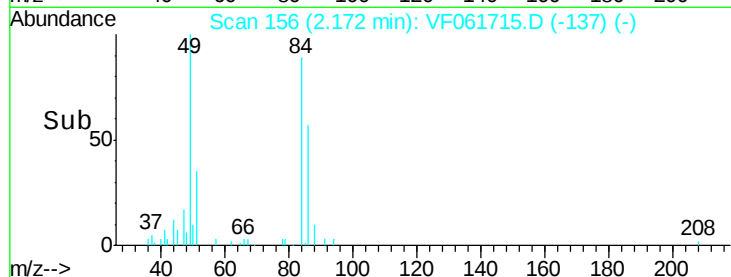
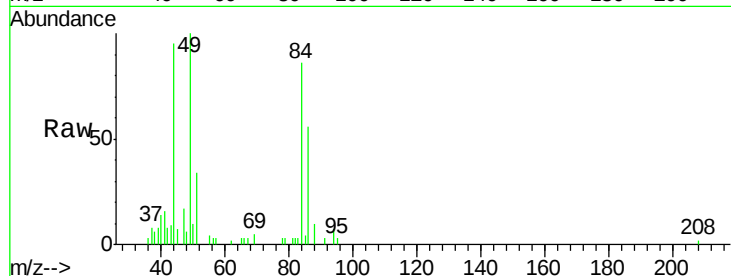
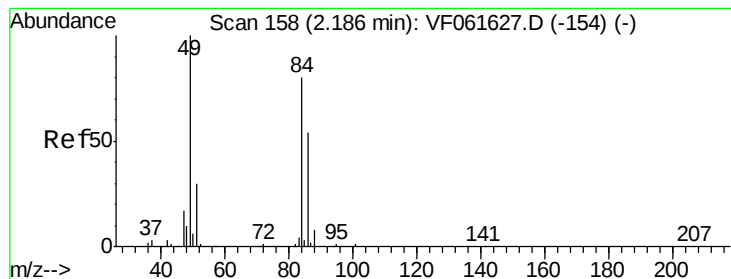
2.10

2.20

2.30

Time-->





#20

Methylene Chloride

Concen: 6.714 ug/l

RT: 2.17 min Scan# 156

Delta R.T. -0.01 min

Lab File: VF061715.D

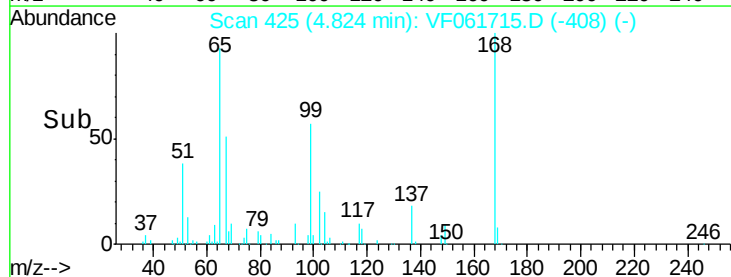
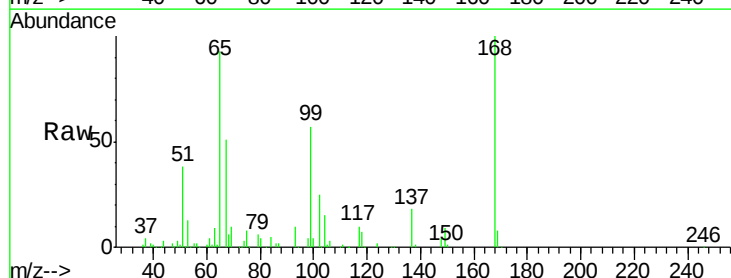
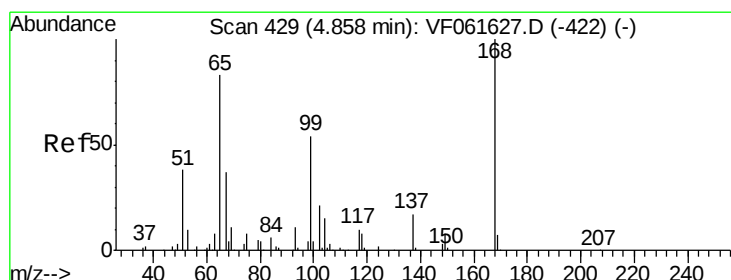
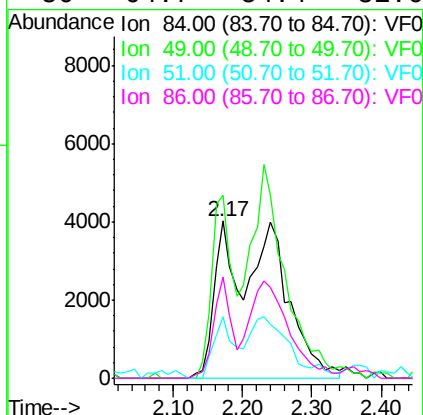
Acq: 22 Feb 2019 18:26

Tot Ion:	84	Resp:	23371
Ion	Ratio	Lower	Upper
84	100		
49	116.5	101.8	152.8
51	39.3	31.1	46.7
86	64.7	54.4	81.6

Instrument :
MSVOA_F
ClientSampleId :
TP-25RE

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#33

1,2-Dichloroethane-d4

Concen: 54.286 ug/l

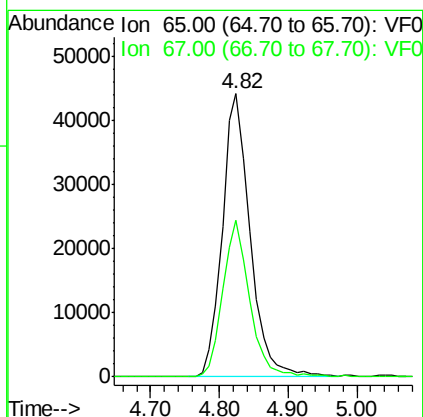
RT: 4.82 min Scan# 425

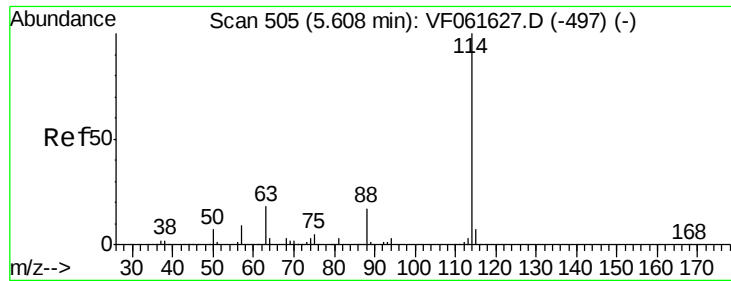
Delta R.T. -0.03 min

Lab File: VF061715.D

Acq: 22 Feb 2019 18:26

Tgt Ion:	65	Resp:	124040
Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.57 min Scan# 501

Delta R.T. -0.03 min

Lab File: VF061715.D

Acq: 22 Feb 2019 18:26

Instrument :

MSVOA_F

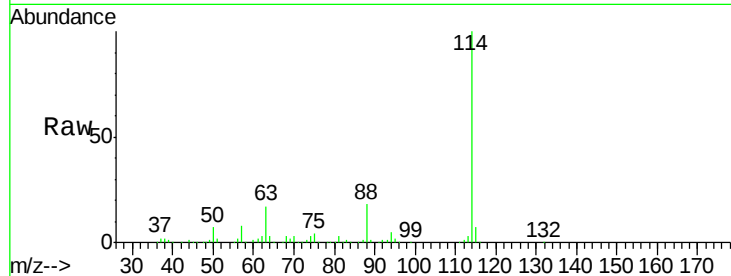
ClientSampleId :

TP-25RE

Tot Ion:	114	Resp:	502211
Ion Ratio	Lower	Upper	
114	100		
63	17.3	0.0	36.6
88	17.6	0.0	34.4

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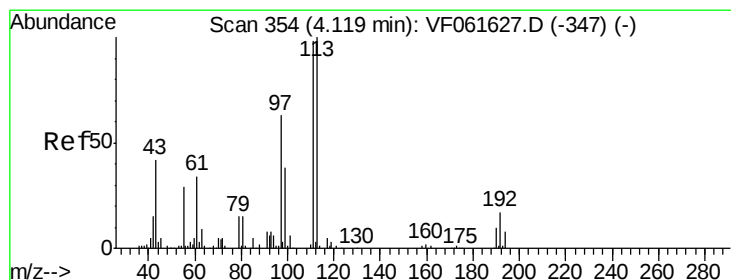
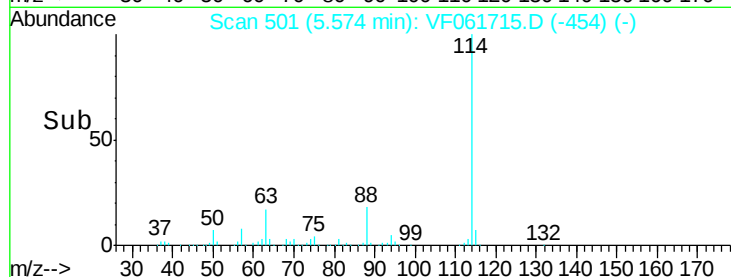
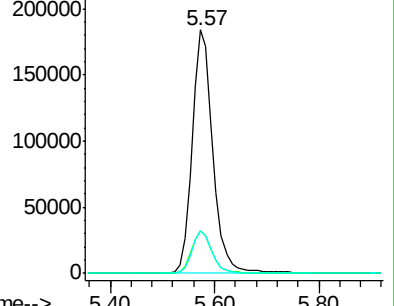
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 50.404 ug/l

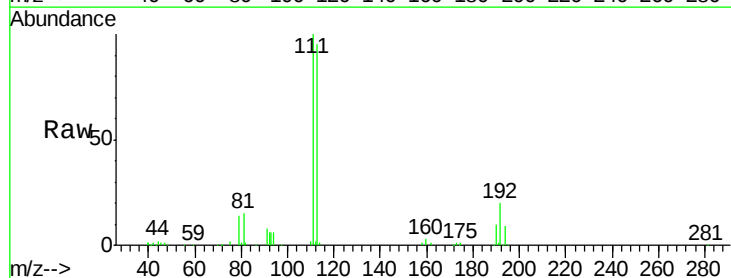
RT: 4.09 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF061715.D

Acq: 22 Feb 2019 18:26

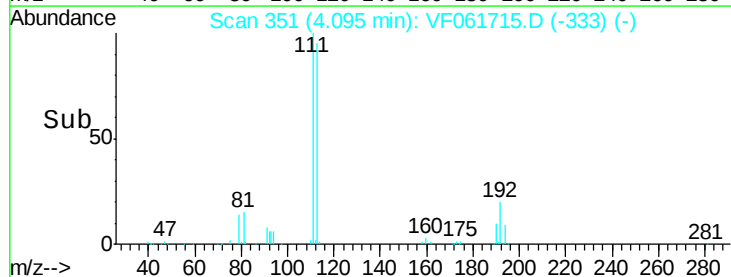
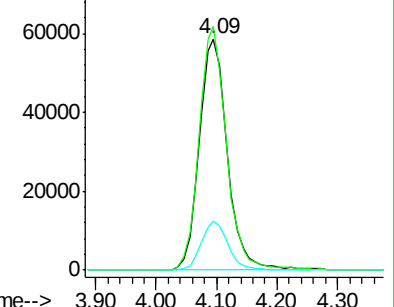
Tgt Ion:	113	Resp:	187978
Ion Ratio	Lower	Upper	
113	100		
111	105.2	78.8	118.2
192	21.1	13.4	20.0#

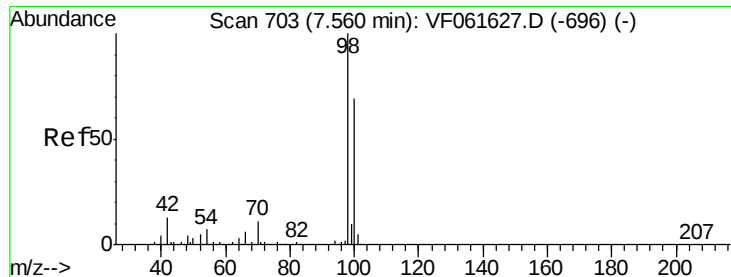


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





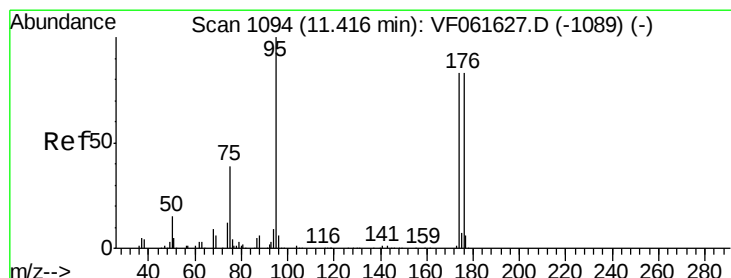
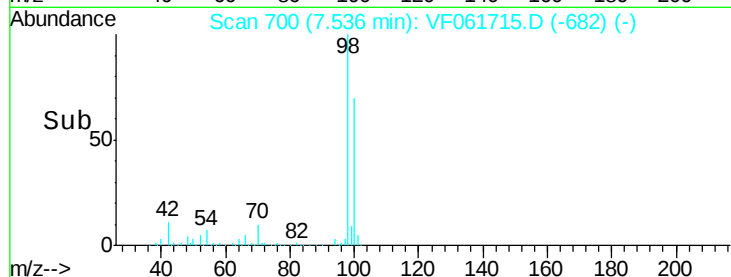
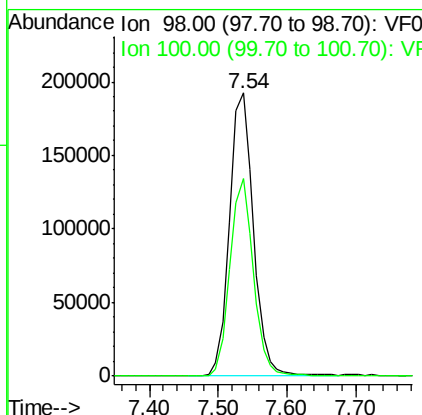
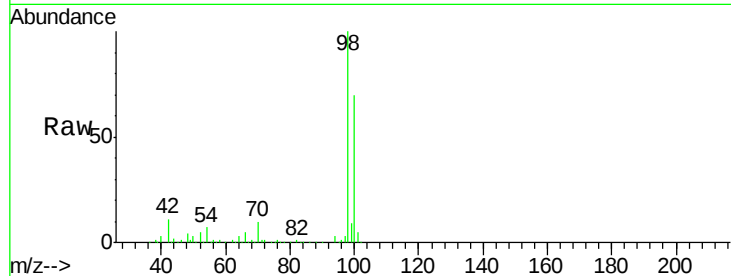
#50
Toluene-d8
Concen: 43.477 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF061715.D
Acq: 22 Feb 2019 18:26

Instrument :
MSVOA_F
ClientSampleId :
TP-25RE

Tot Ion: 98 Resp: 466119
Ion Ratio Lower Upper
98 100
100 69.6 55.4 83.2

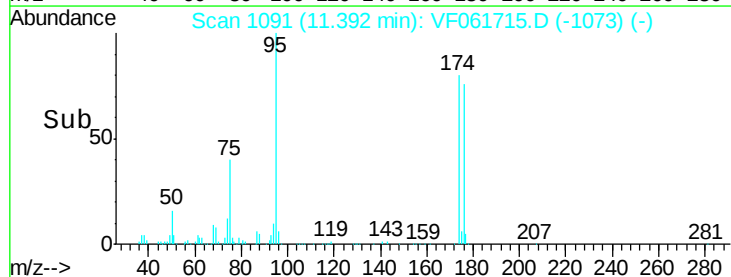
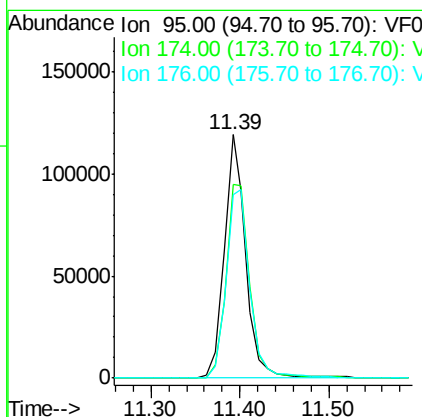
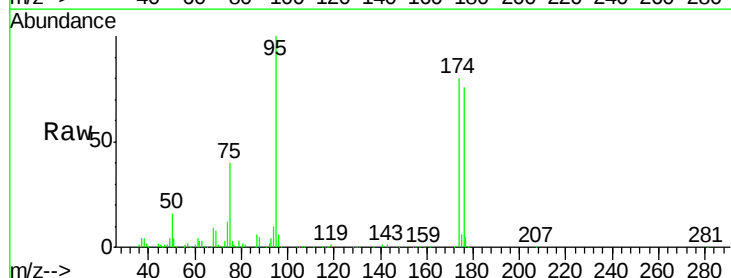
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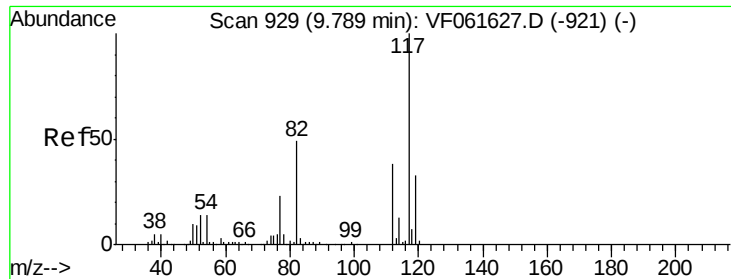
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#62
4-Bromofluorobenzene
Concen: 46.503 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF061715.D
Acq: 22 Feb 2019 18:26

Tgt Ion: 95 Resp: 201730
Ion Ratio Lower Upper
95 100
174 79.7 0.0 165.8
176 75.5 0.0 167.0





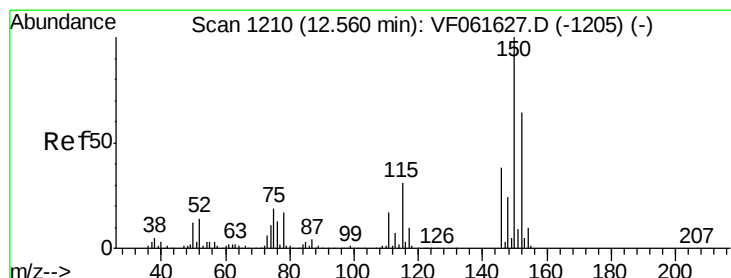
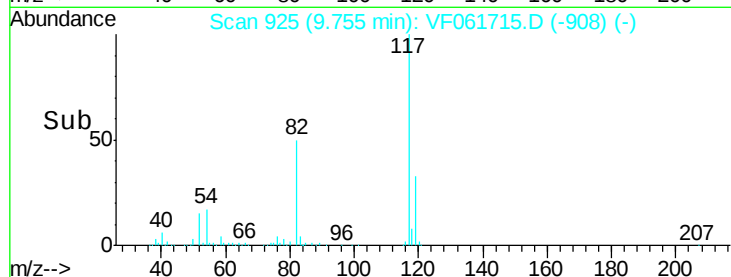
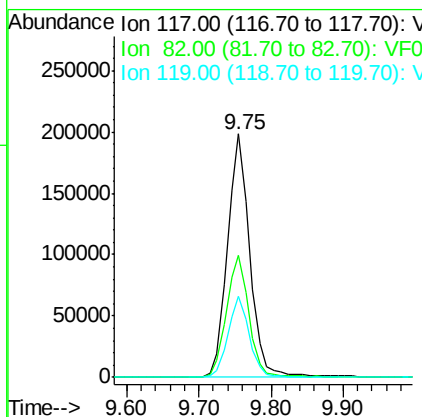
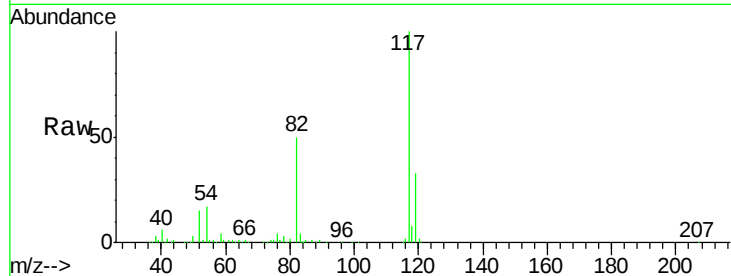
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.03 min
Lab File: VF061715.D
Acq: 22 Feb 2019 18:26

Instrument :
MSVOA_F
ClientSampled :
TP-25RE

Tot Ion	Ratio	Resp	Lower	Upper
117	100	427564		
82	50.2	39.3	58.9	
119	33.4	26.6	40.0	

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF061715.D
Acq: 22 Feb 2019 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	222306		
115	48.9	24.3	72.8	
150	150.1	0.0	312.0	

