

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022219\
 Data File : VF061712.D
 Acq On : 22 Feb 2019 16:59
 Operator : VA/AP
 Sample : K1595-05
 Misc : 5.28g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-E-WALL-GRADE-BEAM

Manual Integrations
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 2/27/2019 5:41:10 PM

Quant Time: Feb 23 03:18:38 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	4.85	168	310067	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	434448	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	295553	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	91644	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	100054	44.00	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	88.00%	
35) Dibromofluoromethane	4.10	113	143556	44.50	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	89.00%	
50) Toluene-d8	7.54	98	348158	37.54	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	75.08%	
62) 4-Bromofluorobenzene	11.40	95	97270	25.92	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	51.84%	
Target Compounds						
16) Acetone	2.23	43	18587	38.100	ug/l #	87
20) Methylene Chloride	2.25	84	16448m	3.972	ug/l	
29) Tetrahydrofuran	4.06	42	8004	16.526	ug/l #	80

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

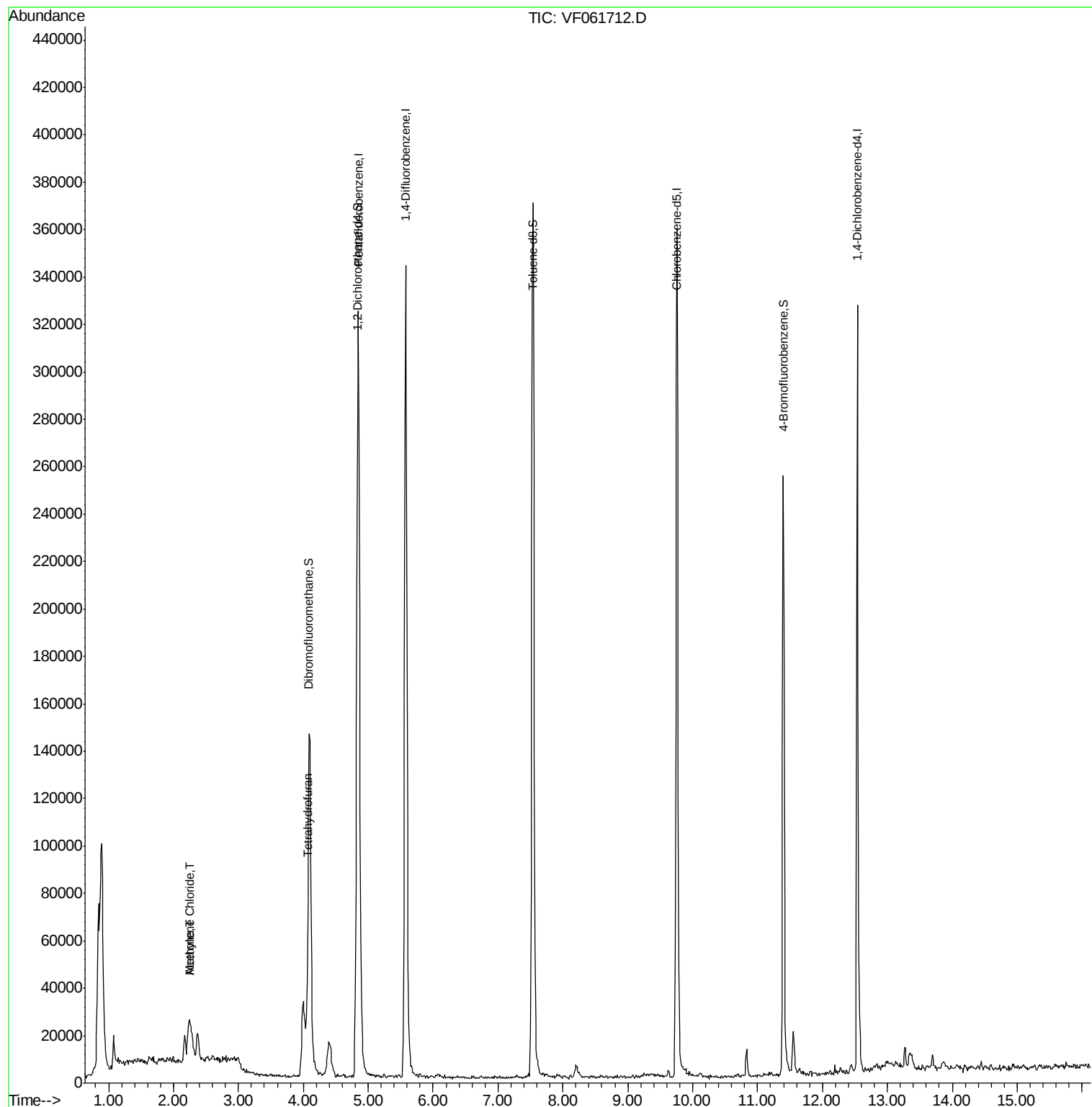
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022219\
Data File : VF061712.D
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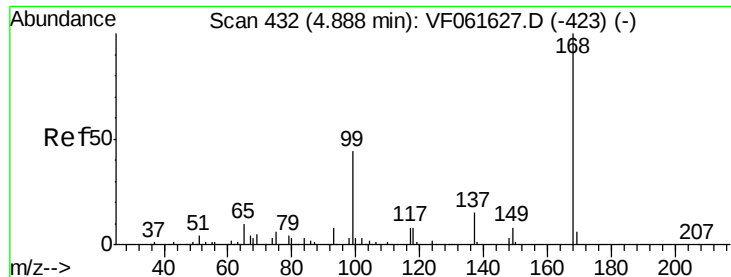
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF061712.D

Acq: 22 Feb 2019 16:59

Instrument :

MSVOA_F

ClientSampleId :

TP-E-WALL-GRADE-BEAM

Tot Ion:168 Resp: 310067

Ion Ratio Lower Upper

168 100

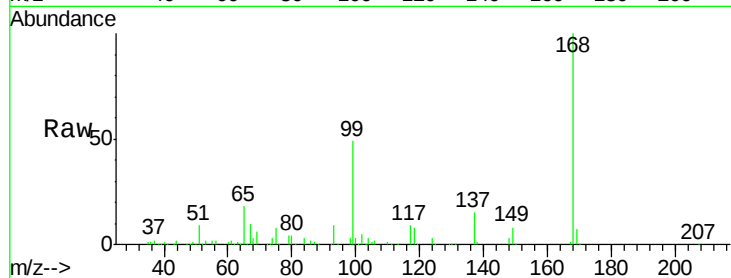
99 49.4 34.9 52.3

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

4.85

100000

80000

60000

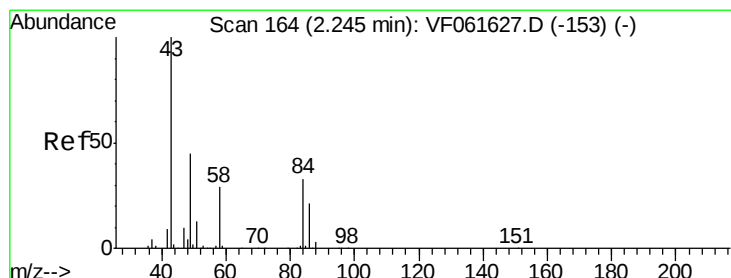
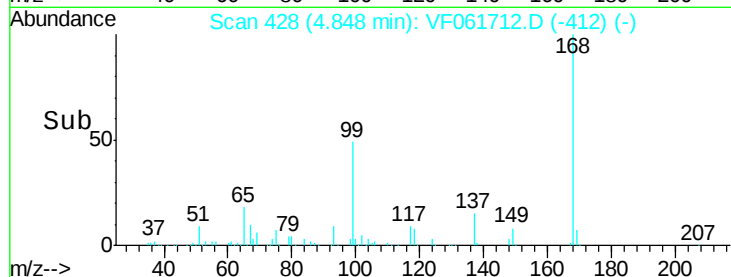
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 38.100 ug/l

RT: 2.23 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF061712.D

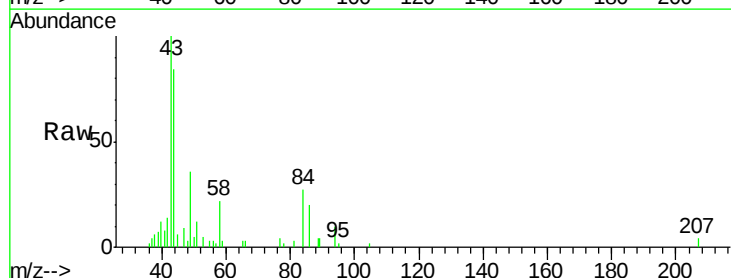
Acq: 22 Feb 2019 16:59

Tgt Ion: 43 Resp: 18587

Ion Ratio Lower Upper

43 100

58 21.6 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

6000

5000

4000

3000

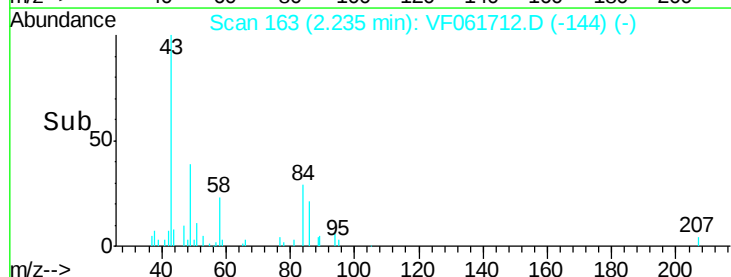
2000

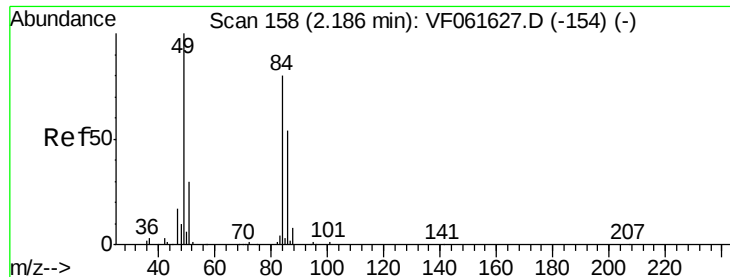
1000

0

2.10 2.20 2.30

Time-->





#20

Methylene Chloride

Concen: 3.972 ug/l m

RT: 2.25 min Scan# 165

Delta R.T. 0.07 min

Lab File: VF061712.D

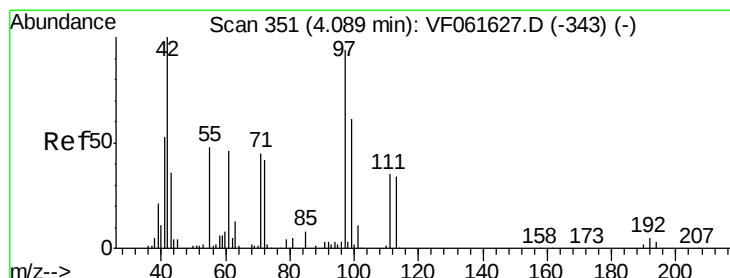
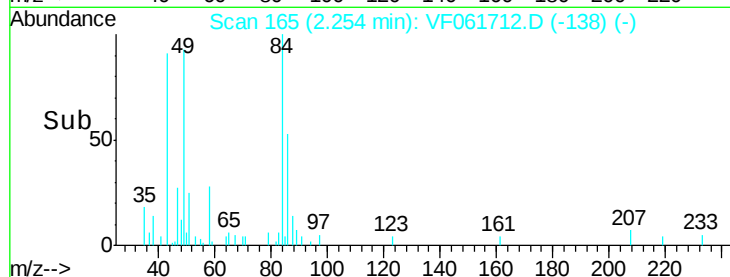
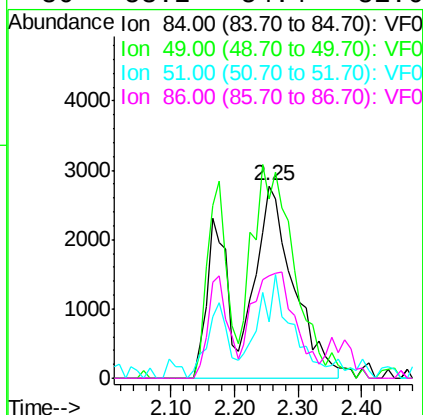
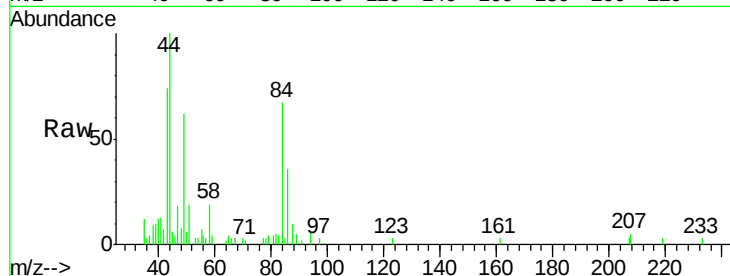
Acq: 22 Feb 2019 16:59

Instrument :
MSVOA_F
ClientSampleId :
TP-E-WALL-GRADE-BEAM

Tot Ion:	84	Resp:	16448
Ion	Ratio	Lower	Upper
84	100		
49	93.2	101.8	152.8#
51	29.1	31.1	46.7#
86	53.2	54.4	81.6#

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#29

Tetrahydrofuran

Concen: 16.526 ug/l

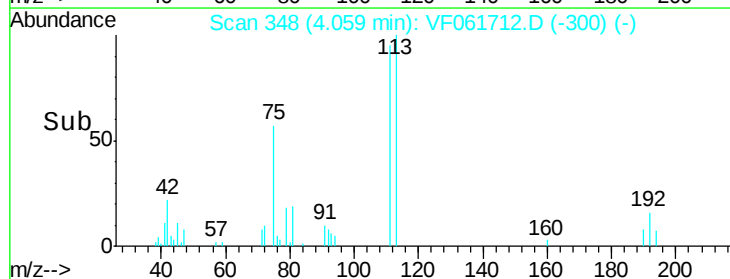
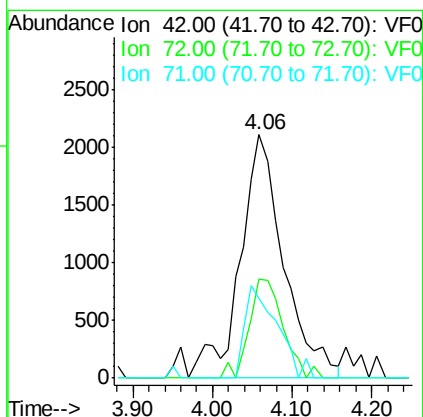
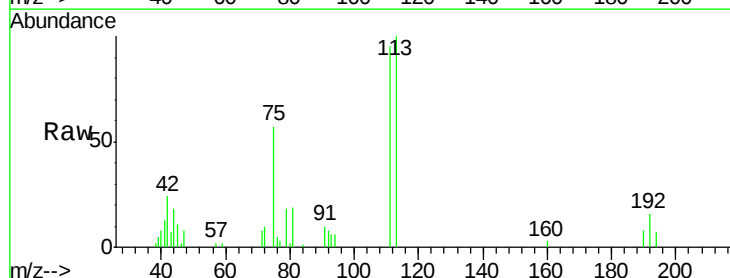
RT: 4.06 min Scan# 348

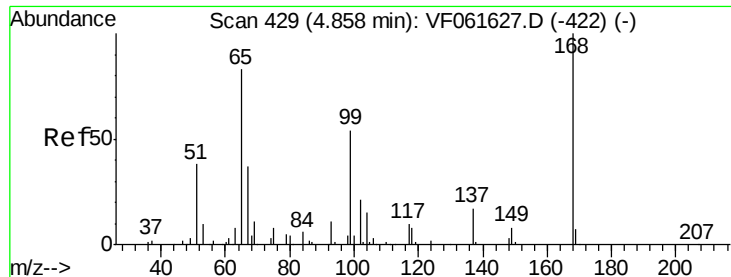
Delta R.T. -0.03 min

Lab File: VF061712.D

Acq: 22 Feb 2019 16:59

Tgt Ion:	42	Resp:	8004
Ion	Ratio	Lower	Upper
42	100		
72	31.6	35.2	52.8#
71	28.2	32.9	49.3#





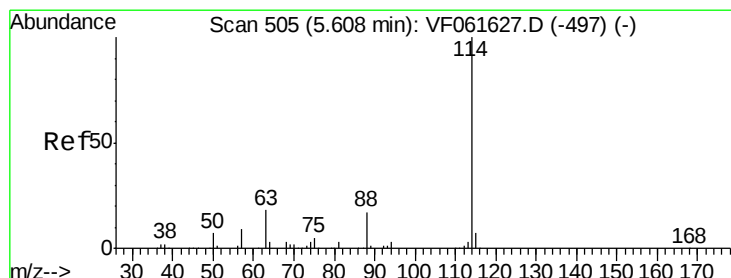
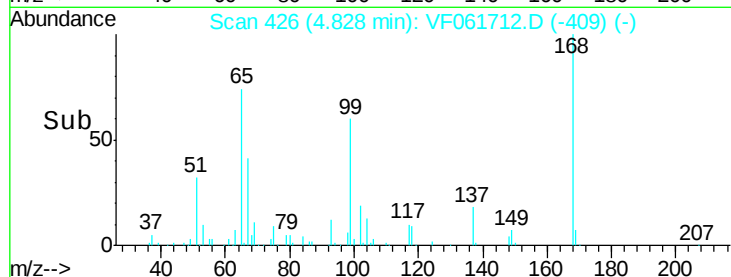
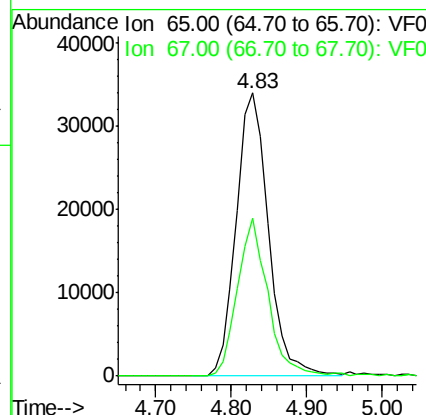
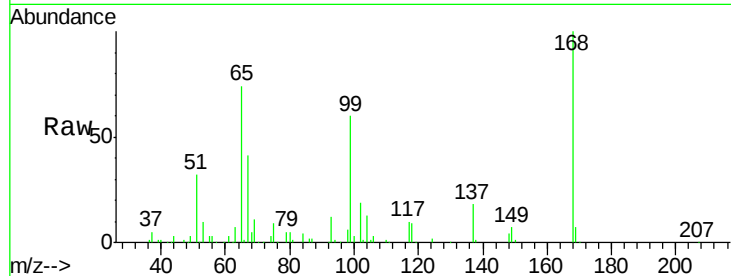
#33
 1,2-Dichloroethane-d4
 Concen: 44.004 ug/l
 RT: 4.83 min Scan# 426
 Delta R.T. -0.03 min
 Lab File: VF061712.D
 Acq: 22 Feb 2019 16:59

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-E-WALL-GRADE-BEAM

Tot Ion	Ratio	Resp	Lower	Upper
65	100	100054		
67	55.6	0.0	104.0	

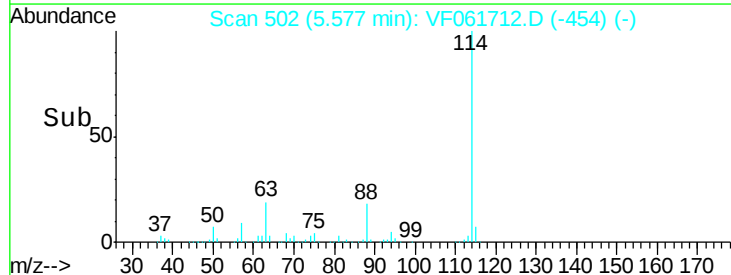
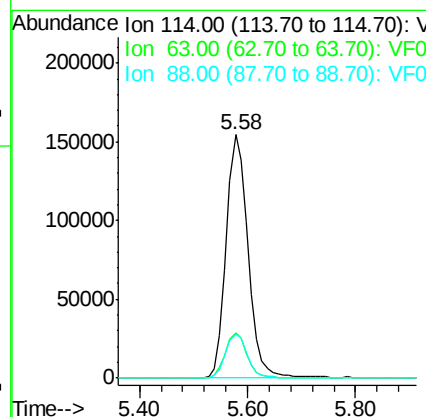
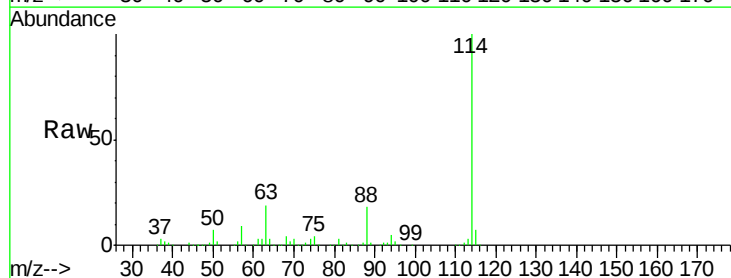
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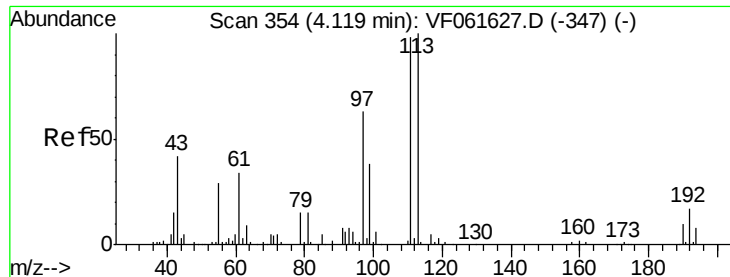
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.03 min
 Lab File: VF061712.D
 Acq: 22 Feb 2019 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	434448		
63	18.8	0.0	36.6	
88	17.9	0.0	34.4	





#35

Dibromofluoromethane

Concen: 44.496 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.02 min

Lab File: VF061712.D

Acq: 22 Feb 2019 16:59

Instrument :

MSVOA_F

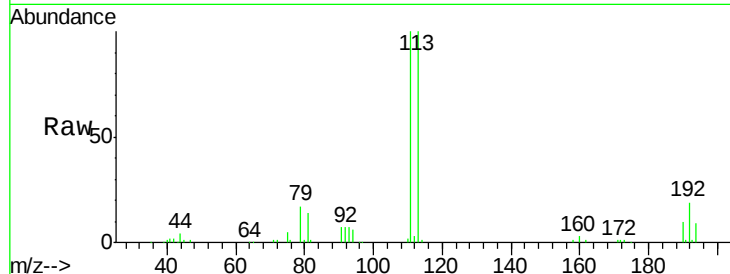
ClientSampleId :

TP-E-WALL-GRADE-BEAM

Tot Ion:	113	Resp:	143556
Ion Ratio	Lower	Upper	
113	100		
111	99.8	78.8	118.2
192	19.5	13.4	20.0

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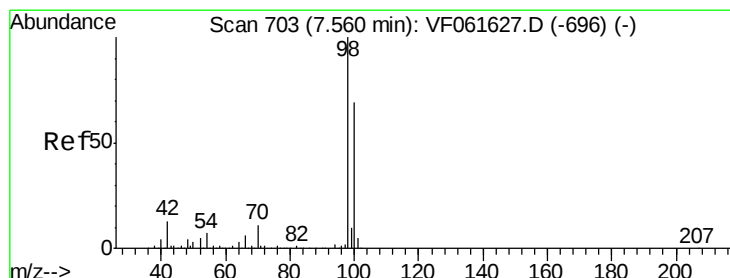
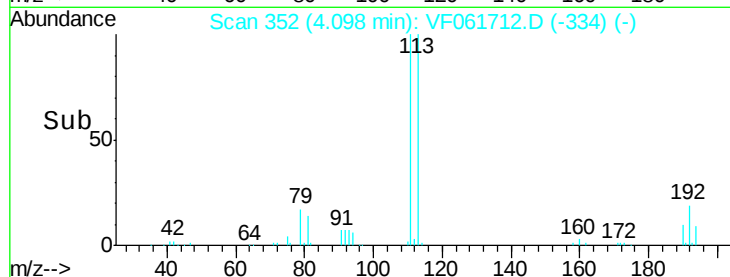
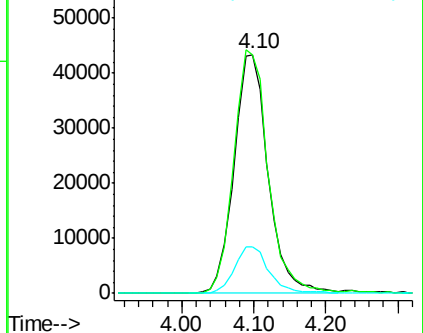
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Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#50

Toluene-d8

Concen: 37.539 ug/l

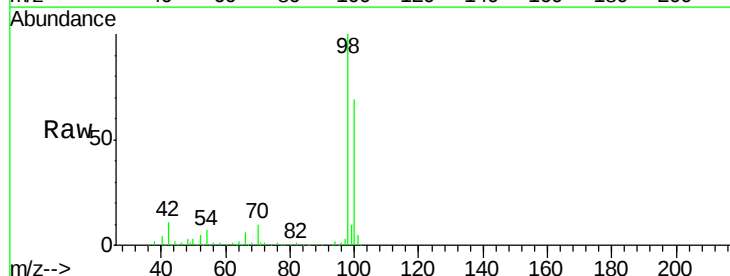
RT: 7.54 min Scan# 701

Delta R.T. -0.02 min

Lab File: VF061712.D

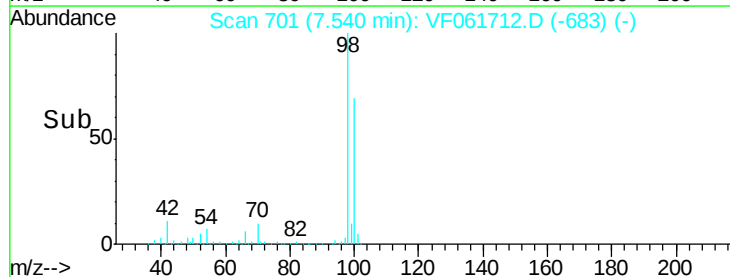
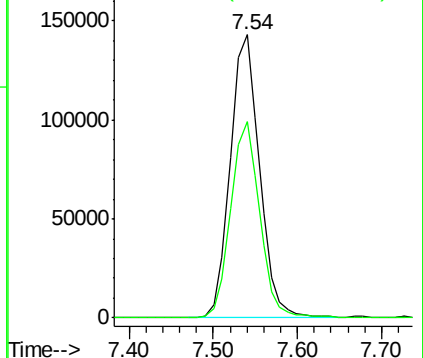
Acq: 22 Feb 2019 16:59

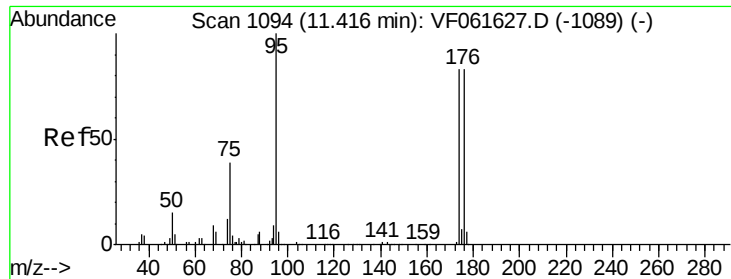
Tgt Ion:	98	Resp:	348158
Ion Ratio	Lower	Upper	
98	100		
100	69.3	55.4	83.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 25.920 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061712.D

Acq: 22 Feb 2019 16:59

Instrument :

MSVOA_F

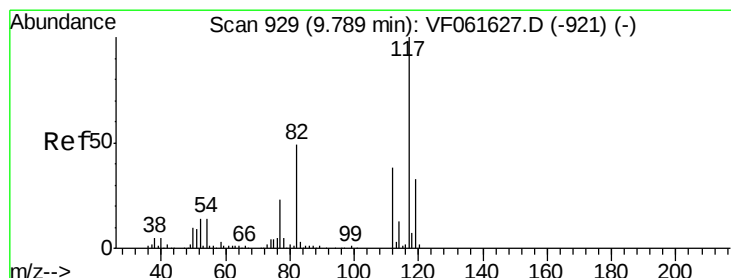
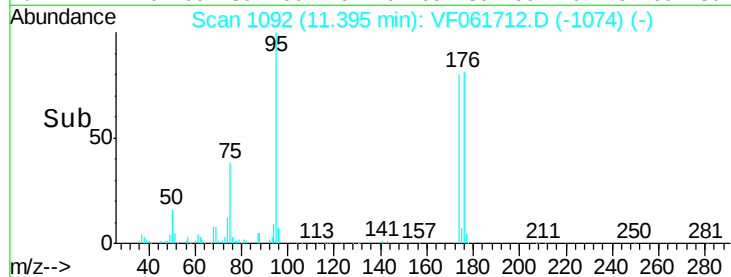
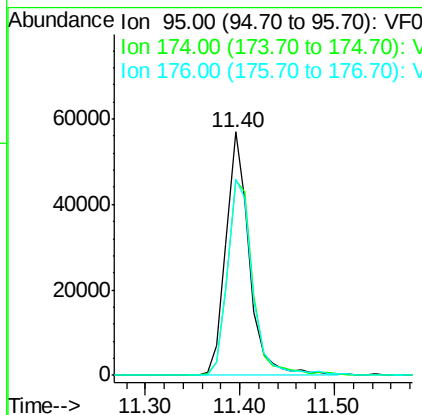
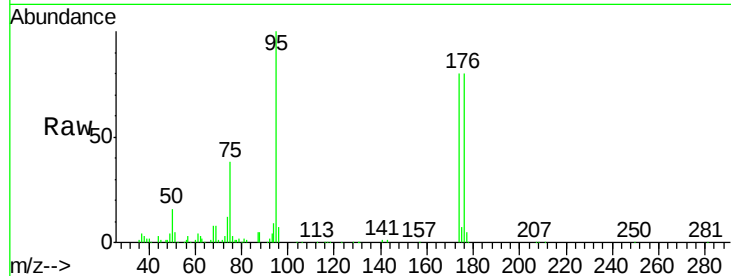
ClientSampleId :

TP-E-WALL-GRADE-BEAM

Tot Ion:	95	Resp:	97270
Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	165.8
176	80.5	0.0	167.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

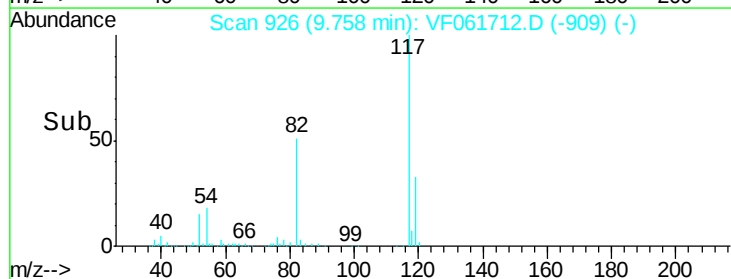
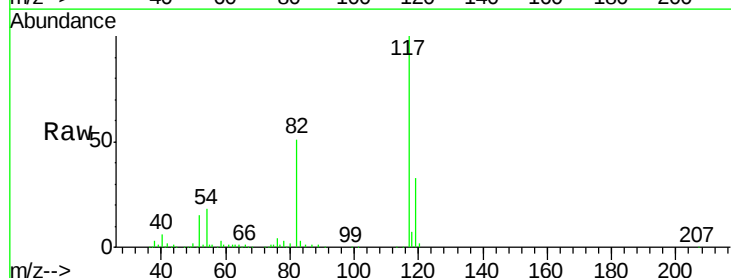
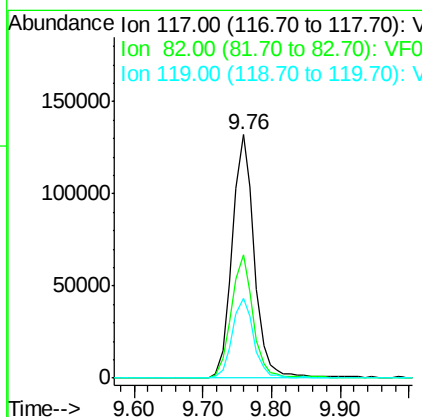
RT: 9.76 min Scan# 926

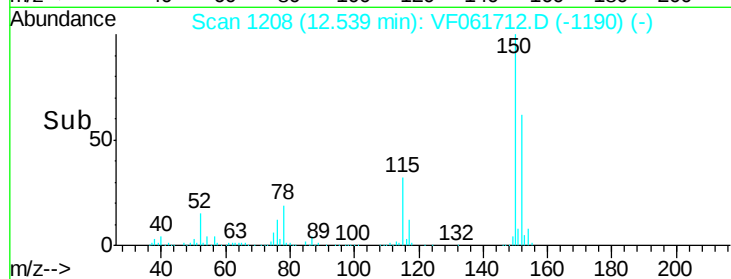
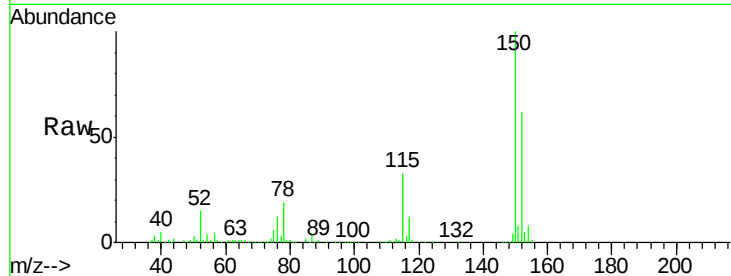
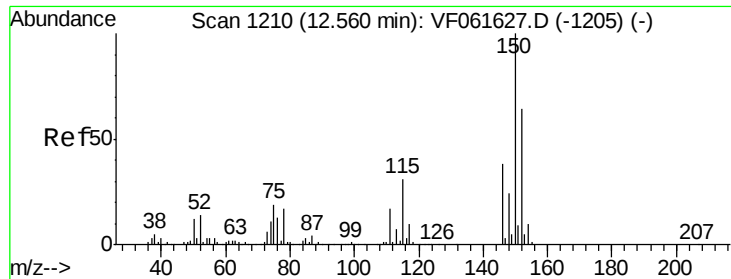
Delta R.T. -0.03 min

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Tgt Ion:	117	Resp:	295553
Ion	Ratio	Lower	Upper
117	100		
82	50.7	39.3	58.9
119	32.6	26.6	40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.02 min

Lab File: VF061712.D

Acq: 22 Feb 2019 16:59

Instrument :

MSVOA_F

ClientSampleId :

TP-E-WALL-GRADE-BEAM

Tot Ion:152 Resp: 91644

Ion Ratio Lower Upper

152 100

115 52.9 24.3 72.8

150 162.1 0.0 312.0

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