

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022219\
 Data File : VF061720.D
 Acq On : 22 Feb 2019 20:50
 Operator : VA/AP
 Sample : K1595-05RE
 Misc : 5.90g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

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

Quant Time: Feb 23 03:33:03 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	276766	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.57	114	418297	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	242045	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	64943	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	100105	49.32	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	98.64%	
35) Dibromofluoromethane	4.10	113	154809	49.84	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	7.54	98	326847	36.60	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	73.20%	
62) 4-Bromofluorobenzene	11.39	95	81456	22.54	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	45.08%	
Target Compounds						
16) Acetone	2.23	43	19969	45.858	ug/l	97
20) Methylene Chloride	2.23	84	19647m	6.213	ug/l	
95) Naphthalene	14.44	128	20940	7.883	ug/l	96

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

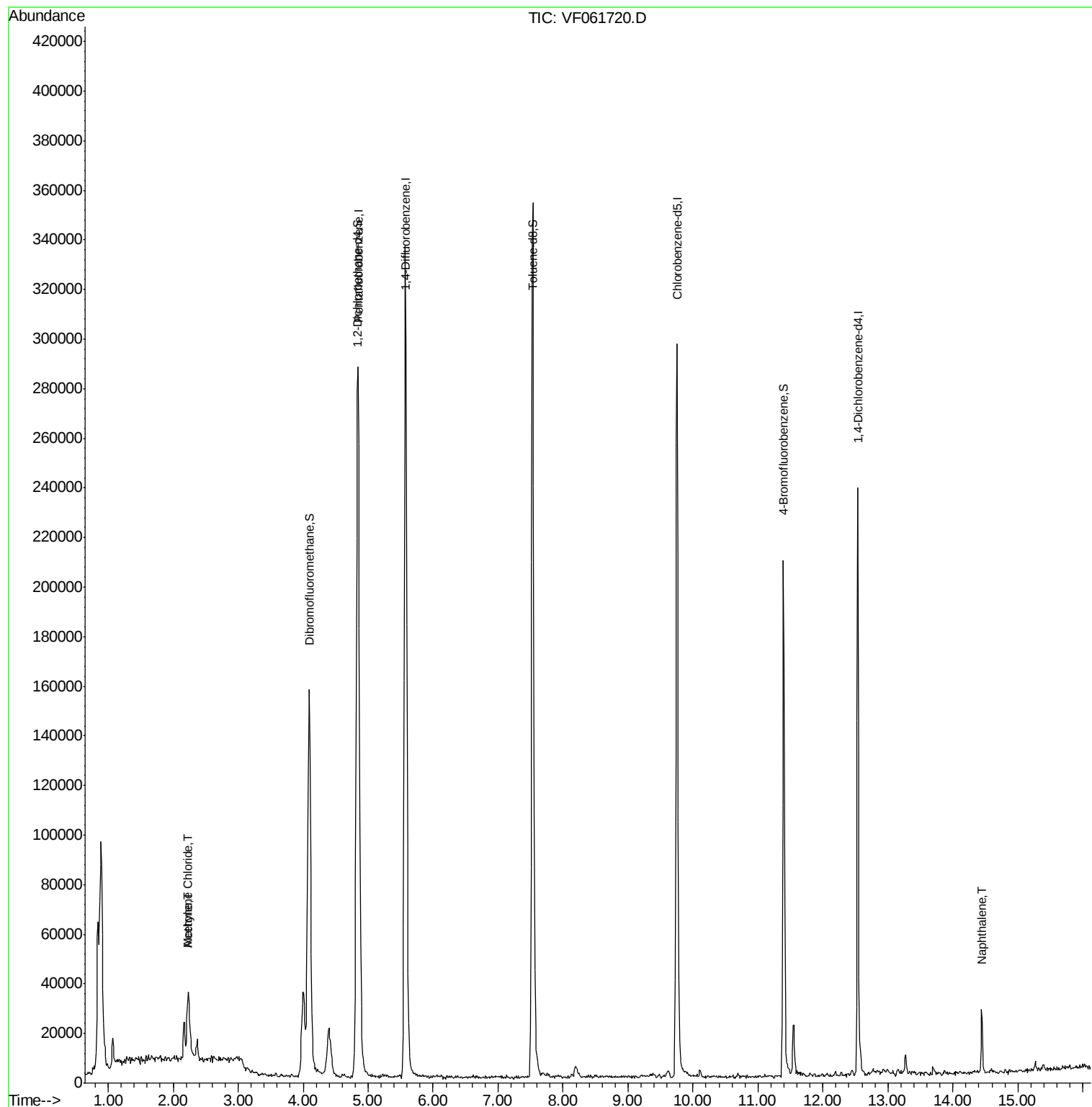
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022219\
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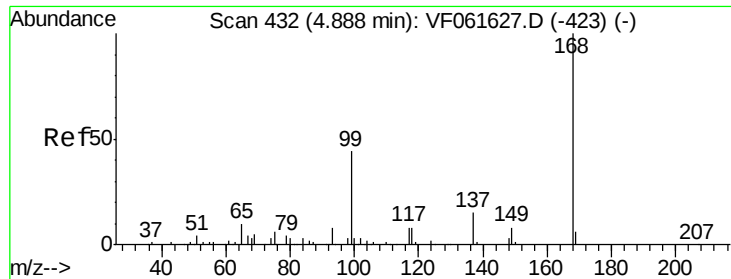
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF061720.D

Acq: 22 Feb 2019 20:50

Instrument :

MSVOA_F

ClientSampleId :

TP-E-WALL-GRADE-BEAMRE

Tot Ion:168 Resp: 276766

Ion Ratio Lower Upper

168 100

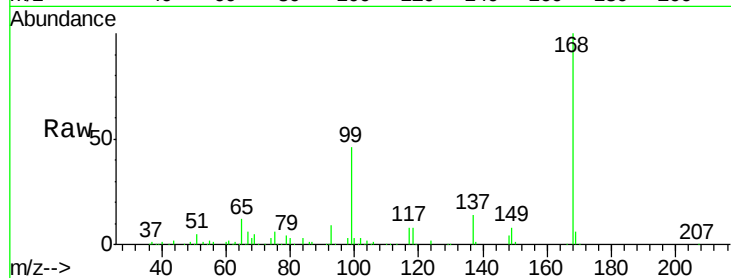
99 46.3 34.9 52.3

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

80000

60000

40000

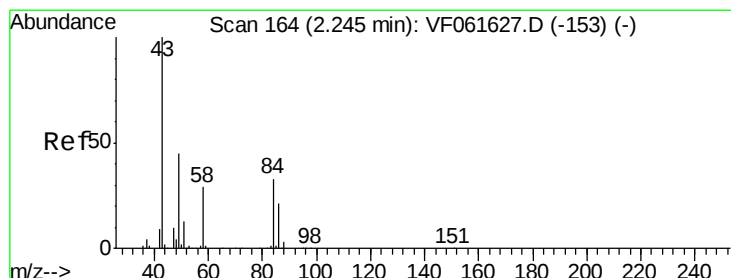
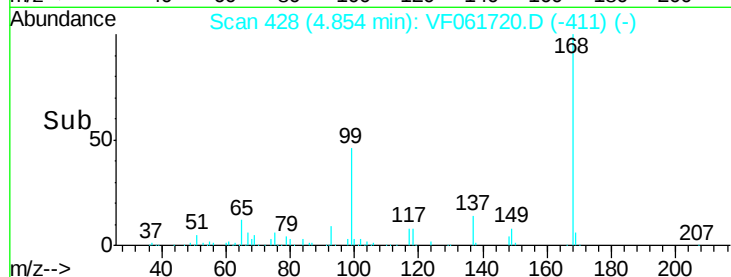
20000

0

4.80

5.00

Time-->



#16

Acetone

Concen: 45.858 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.01 min

Lab File: VF061720.D

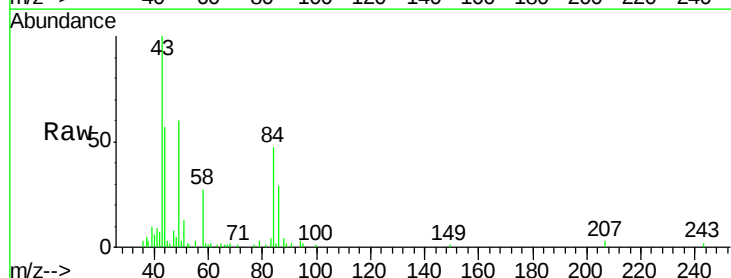
Acq: 22 Feb 2019 20:50

Tgt Ion: 43 Resp: 19969

Ion Ratio Lower Upper

43 100

58 26.8 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

8000

6000

4000

2000

0

2.15

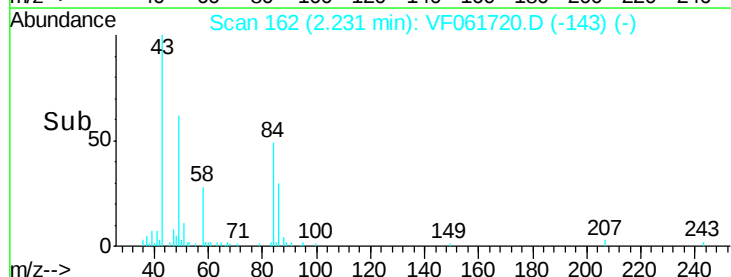
2.20

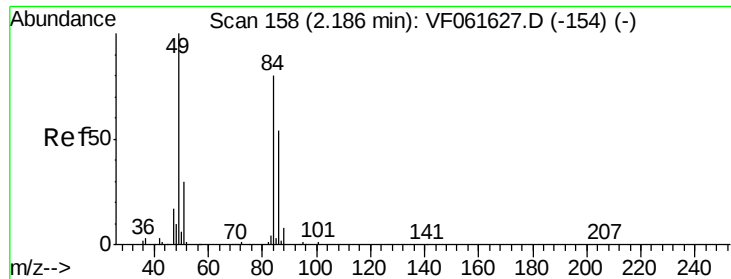
2.25

2.30

2.35

Time-->





#20

Methylene Chloride

Concen: 6.213 ug/l

RT: 2.23 min Scan# 162

Delta R.T. 0.05 min

Lab File: VF061720.D

Acq: 22 Feb 2019 20:50

Instrument :

MSVOA_F

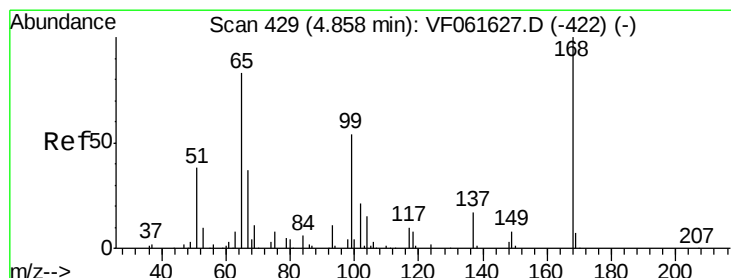
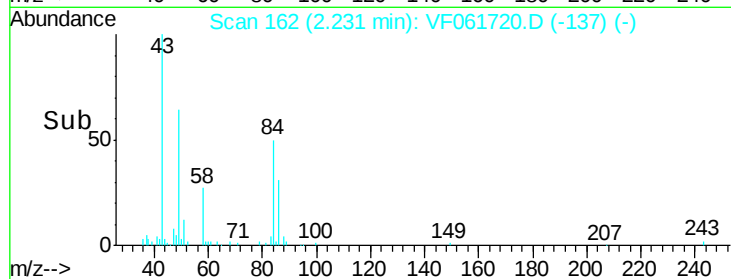
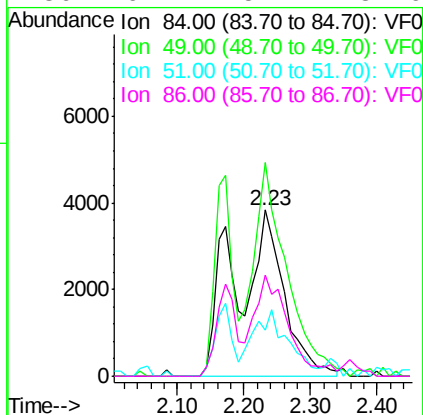
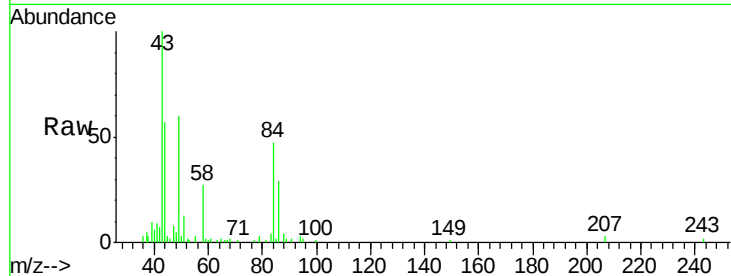
ClientSampleId :

TP-E-WALL-GRADE-BEAMRE

Tot Ion:	84	Resp:	19647
Ion	Ratio	Lower	Upper
84	100		
49	128.4	101.8	152.8
51	27.6	31.1	46.7#
86	61.2	54.4	81.6

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#33

1,2-Dichloroethane-d4

Concen: 49.323 ug/l

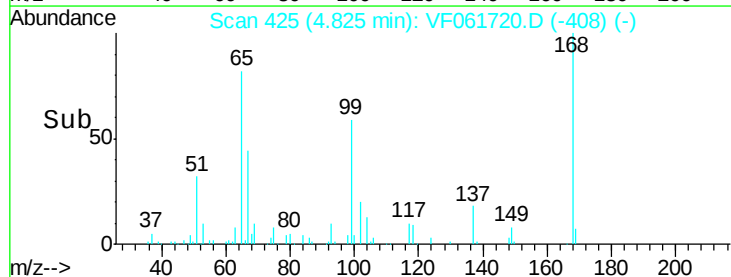
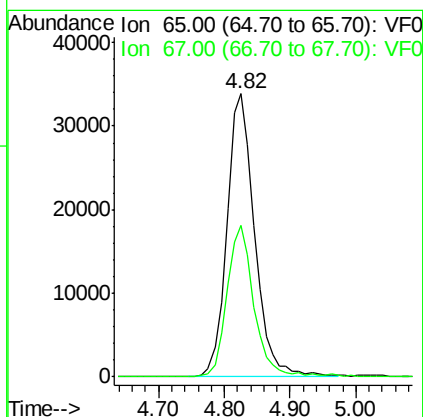
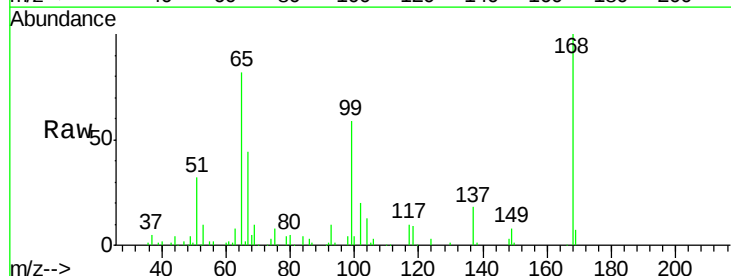
RT: 4.82 min Scan# 425

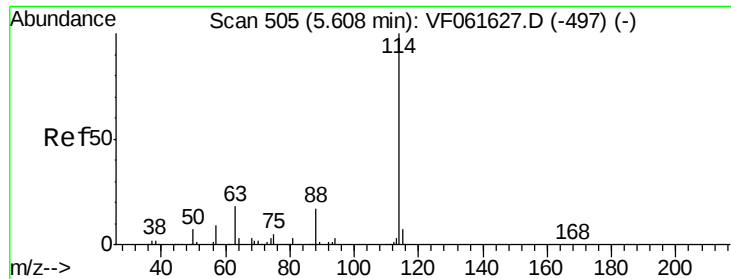
Delta R.T. -0.03 min

Lab File: VF061720.D

Acq: 22 Feb 2019 20:50

Tgt Ion:	65	Resp:	100105
Ion	Ratio	Lower	Upper
65	100		
67	53.4	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: VF061720.D

Acq: 22 Feb 2019 20:50

Instrument :

MSVOA_F

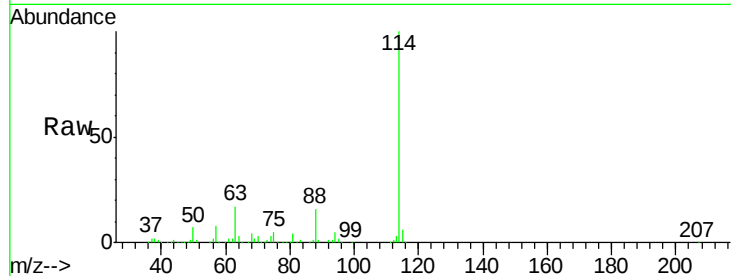
ClientSampleId :

TP-E-WALL-GRADE-BEAMRE

Tot Ion:	114	Resp:	418297
Ion Ratio	Lower	Upper	
114	100		
63	17.4	0.0	36.6
88	16.5	0.0	34.4

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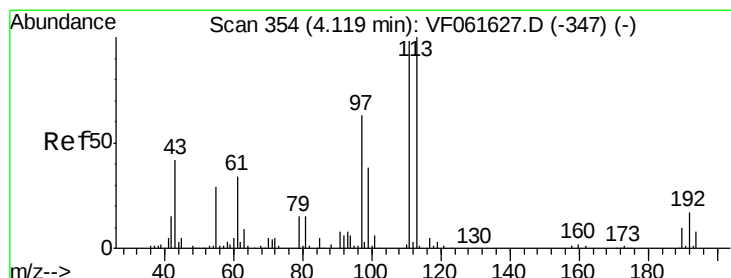
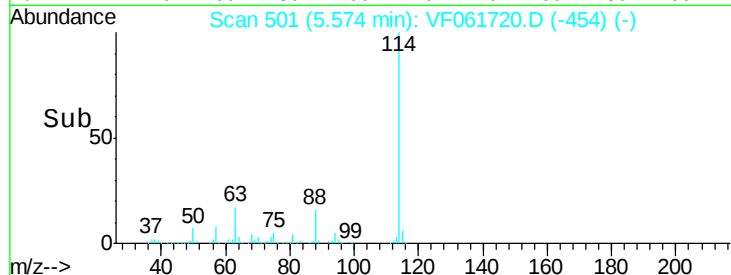
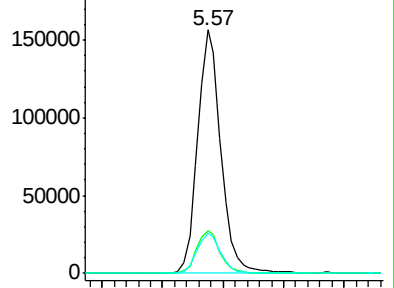
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 49.837 ug/l

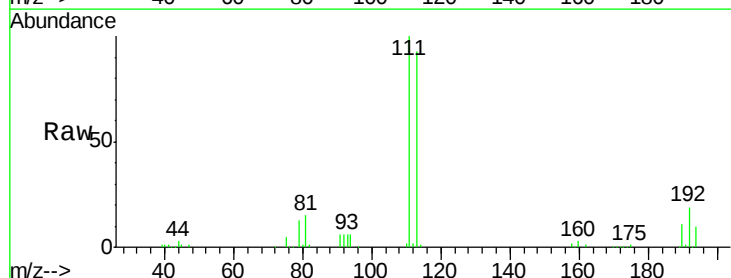
RT: 4.10 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF061720.D

Acq: 22 Feb 2019 20:50

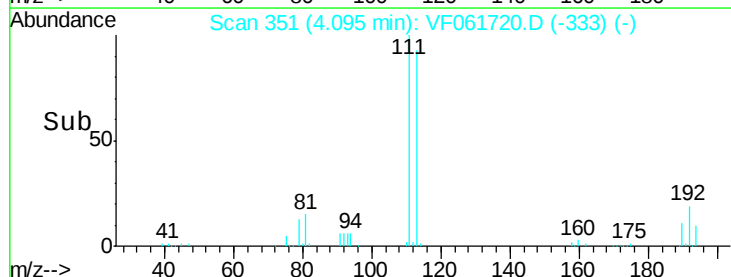
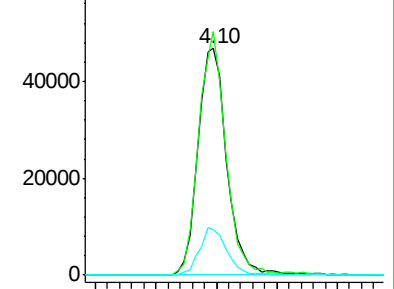
Tgt Ion:	113	Resp:	154809
Ion Ratio	Lower	Upper	
113	100		
111	107.4	78.8	118.2
192	20.6	13.4	20.0#

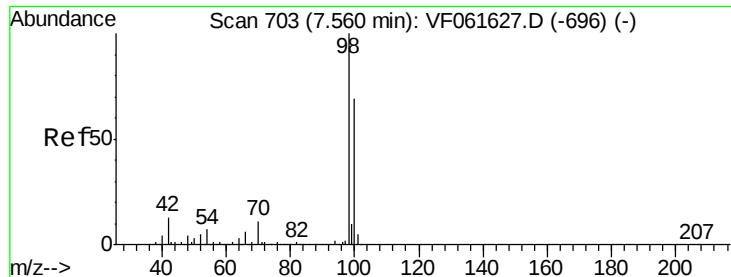


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





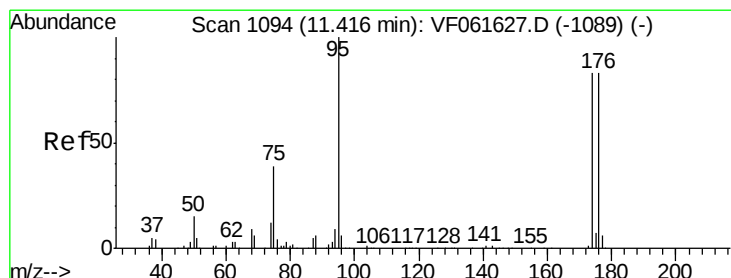
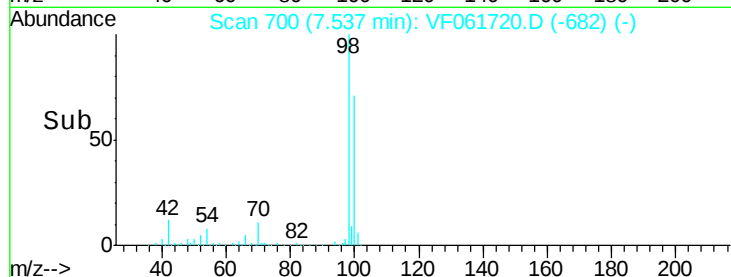
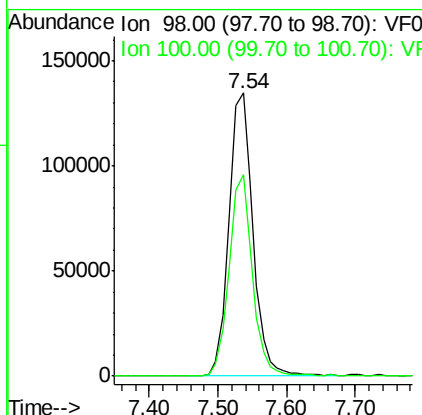
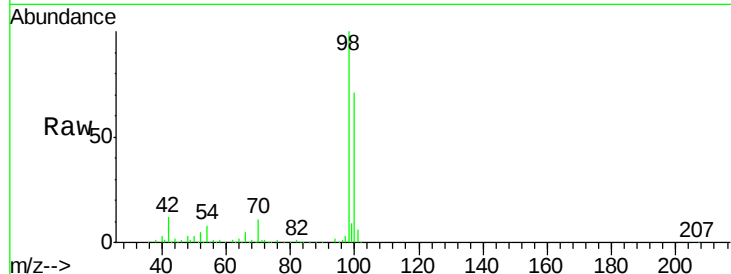
#50
Toluene-d8
Concen: 36.602 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF061720.D
Acq: 22 Feb 2019 20:50

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Tot Ion: 98 Resp: 326847
Ion Ratio Lower Upper
98 100
100 71.0 55.4 83.2

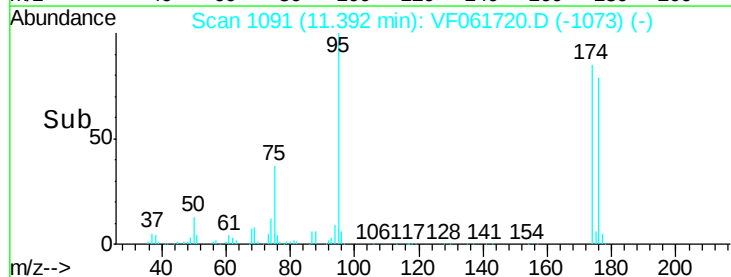
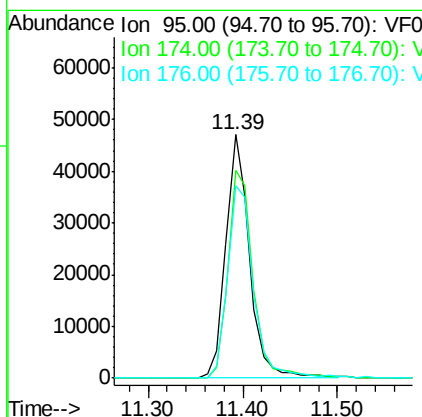
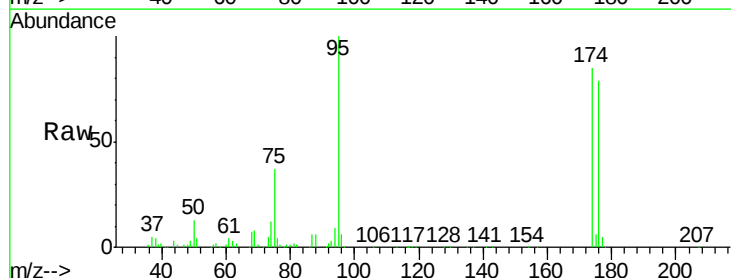
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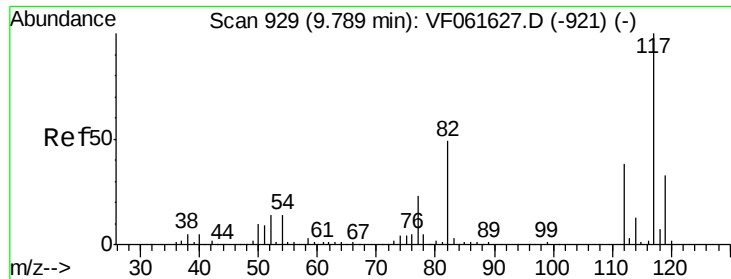
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#62
4-Bromofluorobenzene
Concen: 22.544 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF061720.D
Acq: 22 Feb 2019 20:50

Tgt Ion: 95 Resp: 81456
Ion Ratio Lower Upper
95 100
174 85.1 0.0 165.8
176 78.9 0.0 167.0





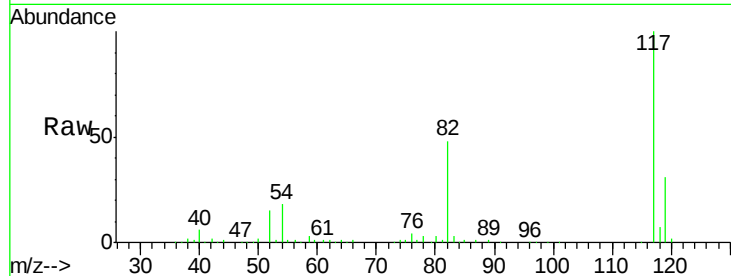
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.03 min
Lab File: VF061720.D
Acq: 22 Feb 2019 20:50

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

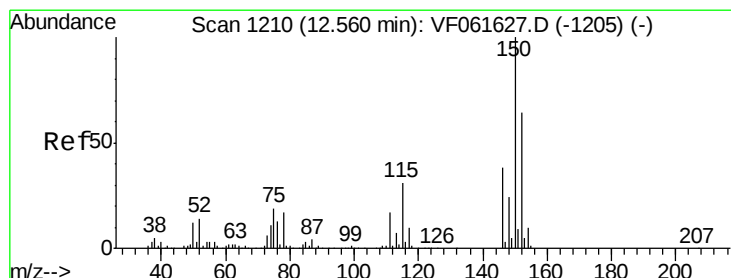
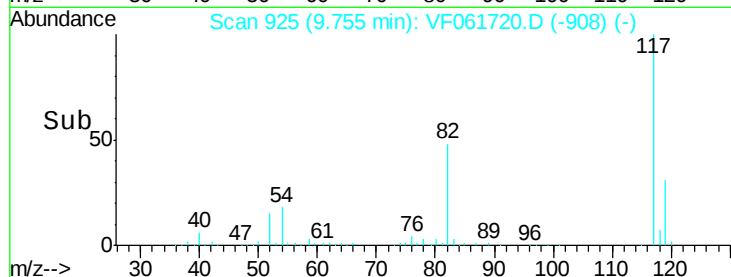
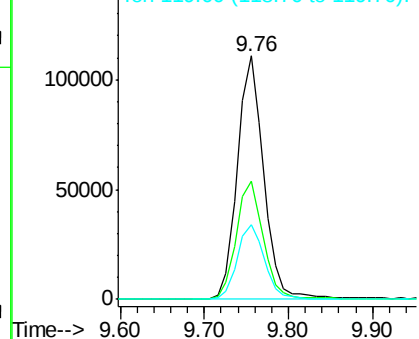
Tot Ion	Ratio	Resp	Lower	Upper
117	100	242045		
82	48.3	39.3	58.9	
119	30.9	26.6	40.0	

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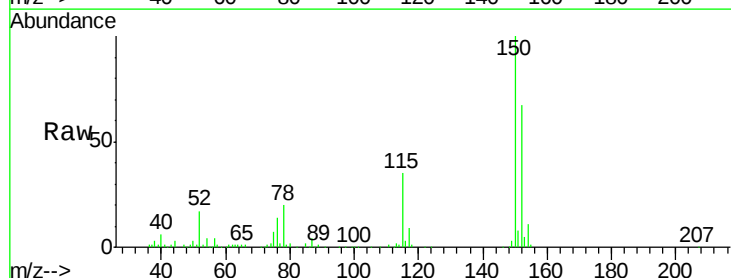


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

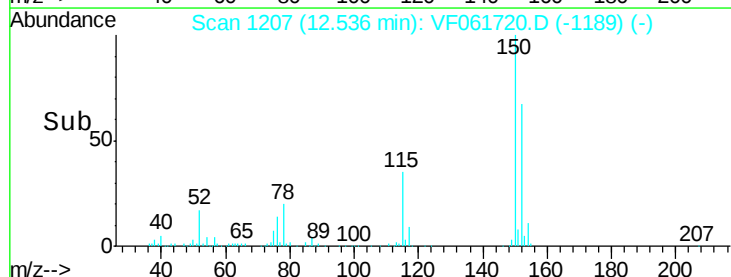
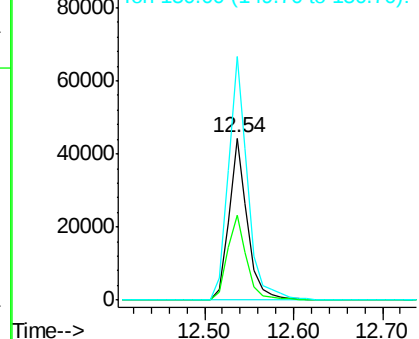


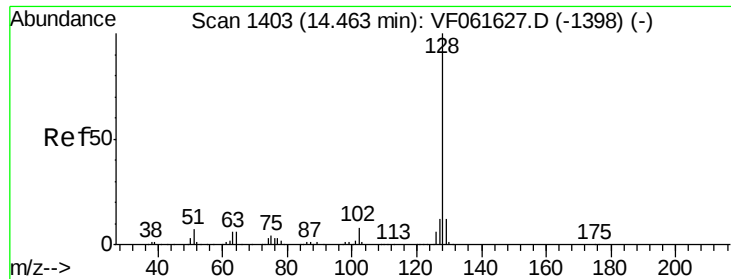
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF061720.D
Acq: 22 Feb 2019 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	64943		
115	52.3	24.3	72.8	
150	150.1	0.0	312.0	



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#95
 Naphthalene
 Concen: 7.883 ug/l
 RT: 14.44 min Scan# 1400
 Delta R.T. -0.02 min
 Lab File: VF061720.D
 Acq: 22 Feb 2019 20:50

Instrument :
 MSVOA_F
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Tot Ion	Ratio	Lower	Upper
128	100		
127	10.7	9.8	14.6
129	10.4	9.4	14.2

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