

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021819\
 Data File : VF061674.D
 Acq On : 18 Feb 2019 13:08
 Operator : VA/AP
 Sample : K1518-01
 Misc : 6.60g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-1

Manual Integrations
 APPROVED

MMDadoda
 2/19/2019 12:29:26 PM

Quant Time: Feb 19 02:45:50 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	4.88	168	270652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	404718	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	312611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	147950	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	75142	37.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.72%	
35) Dibromofluoromethane	4.12	113	126168	41.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.96%	
50) Toluene-d8	7.56	98	336581	38.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.92%	
62) 4-Bromofluorobenzene	11.42	95	131419	37.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.18%	
Target Compounds						
16) Acetone	2.25	43	12716	29.861	ug/l	92
20) Methylene Chloride	2.19	84	18066m	5.683	ug/l	

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

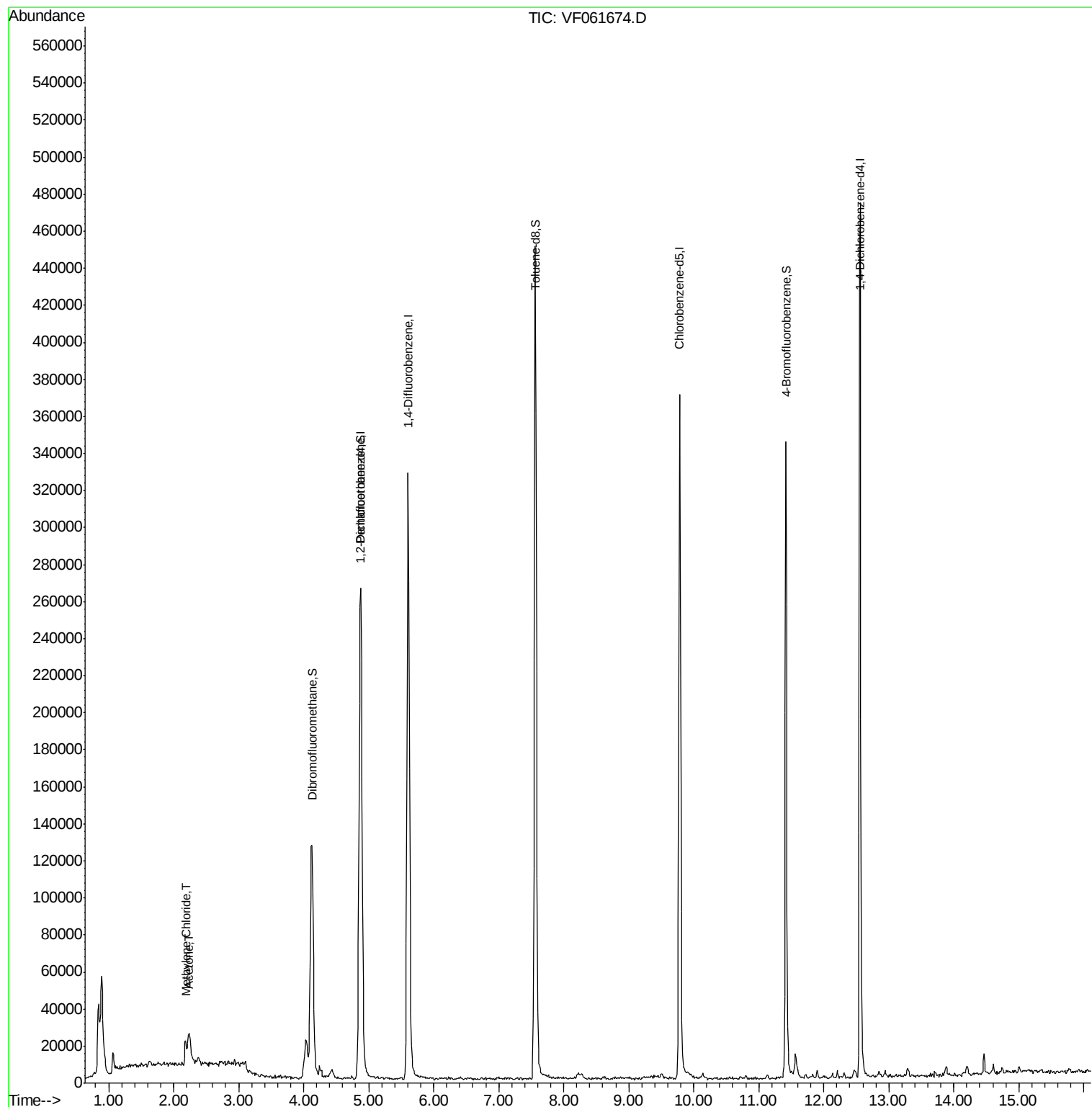
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF021819\
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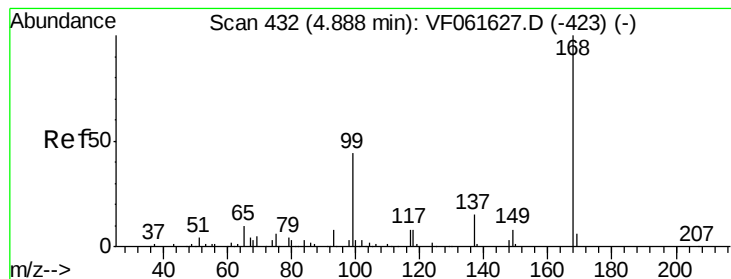
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.01 min

Lab File: VF061674.D

Acq: 18 Feb 2019 13:08

Instrument :

MSVOA_F

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-1

Tot Ion:168 Resp: 270652

Ion Ratio Lower Upper

168 100

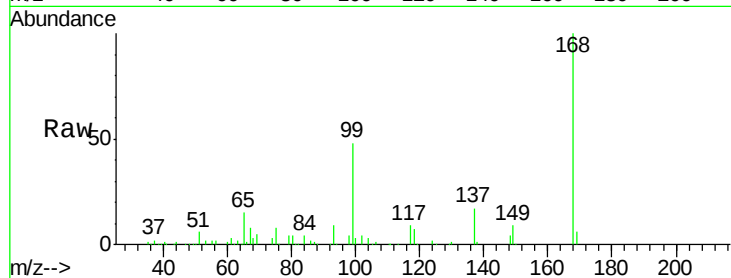
99 48.2 34.9 52.3

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

4.88

80000

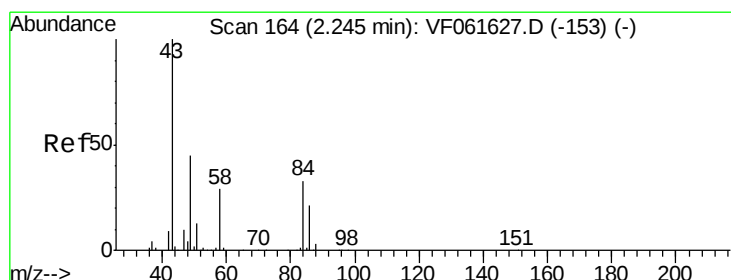
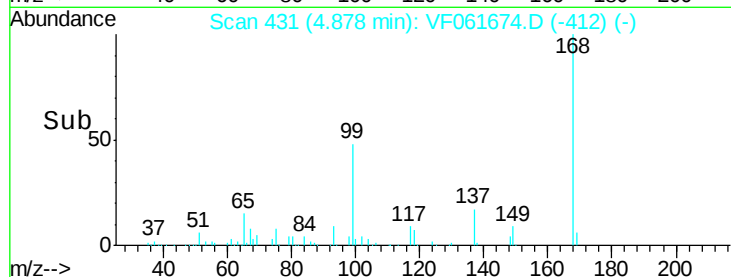
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 29.861 ug/l

RT: 2.25 min Scan# 164

Delta R.T. 0.00 min

Lab File: VF061674.D

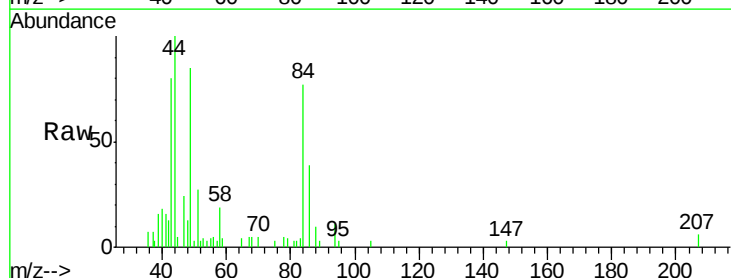
Acq: 18 Feb 2019 13:08

Tgt Ion: 43 Resp: 12716

Ion Ratio Lower Upper

43 100

58 24.3 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.25

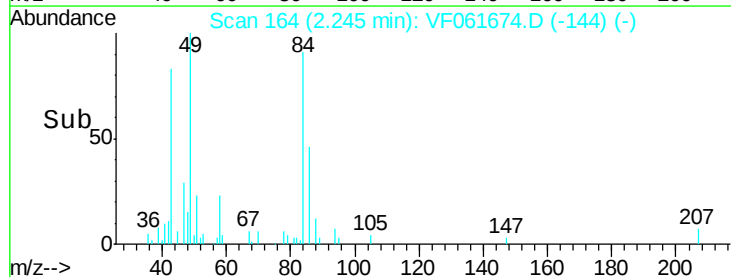
3000

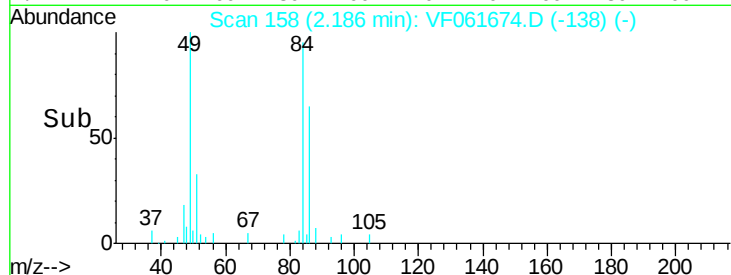
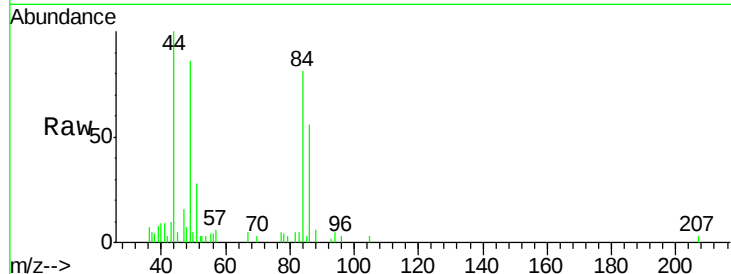
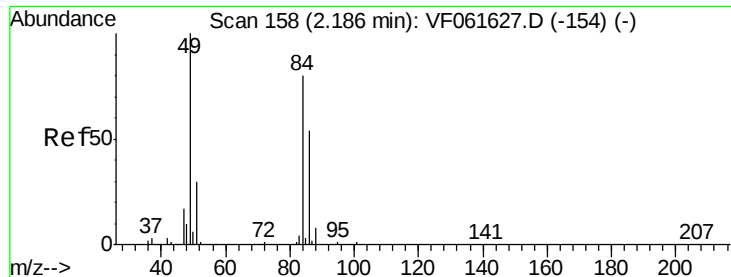
2000

1000

0

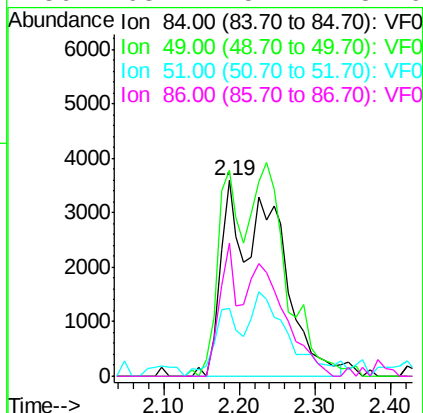
Time-->





#20
Methvlene Chloride
Concen: 5.683 ug/l
RT: 2.19 min Scan# 158
Delta R.T. 0.00 min
Lab File: VF061674.D
Acq: 18 Feb 2019 13:08

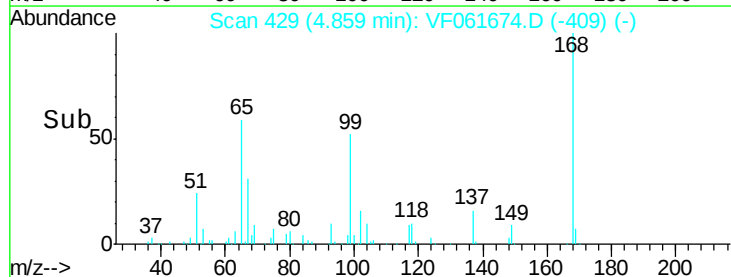
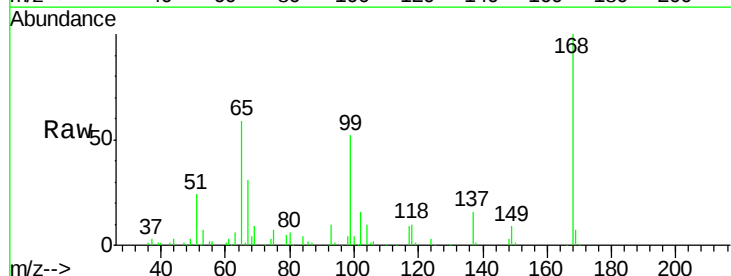
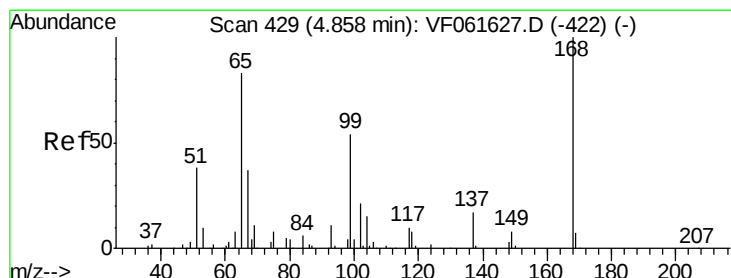
Tot Ion	Ratio	Lower	Upper
84	100		
49	105.4	101.8	152.8
51	34.6	31.1	46.7
86	68.4	54.4	81.6



Instrument :
MSVOA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

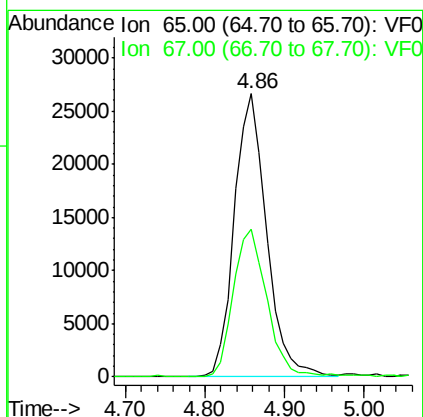
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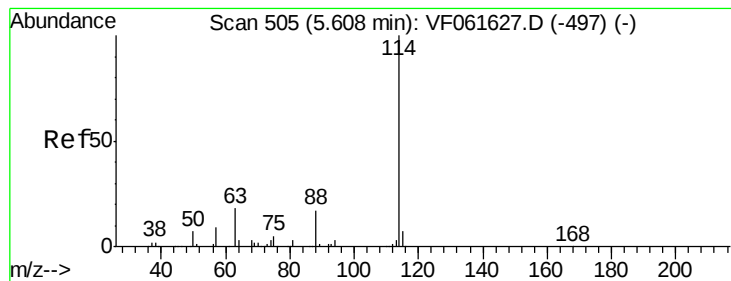
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#33
1,2-Dichloroethane-d4
Concen: 37.860 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.00 min
Lab File: VF061674.D
Acq: 18 Feb 2019 13:08

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.00 min

Lab File: VF061674.D

Acq: 18 Feb 2019 13:08

Instrument :

MSVOA_F

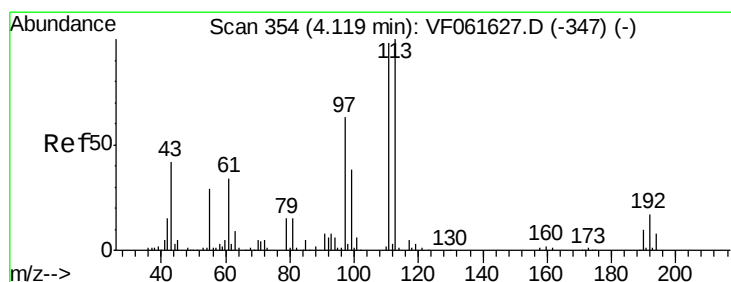
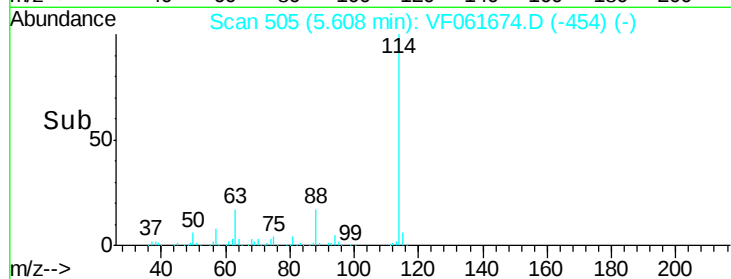
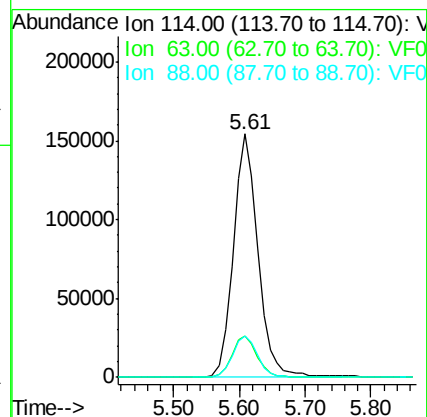
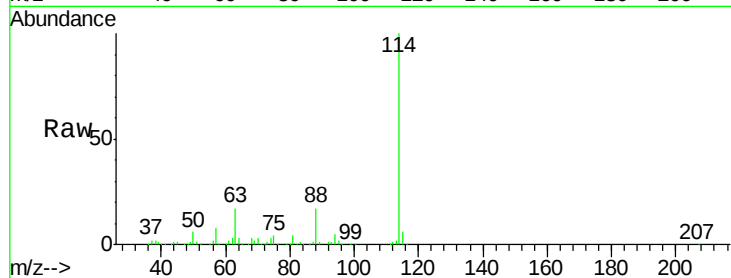
ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-1

Tot Ion:	114	Resp:	404718
Ion Ratio		Lower	Upper
114	100		
63	17.0	0.0	36.6
88	17.1	0.0	34.4

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#35

Dibromofluoromethane

Concen: 41.979 ug/l

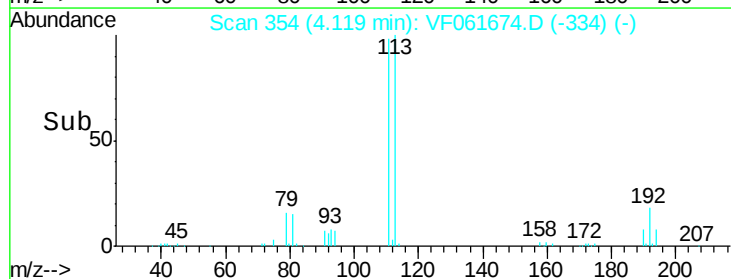
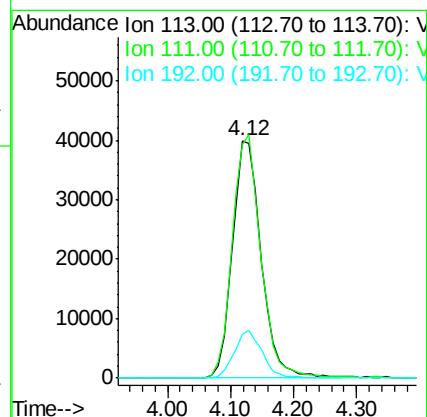
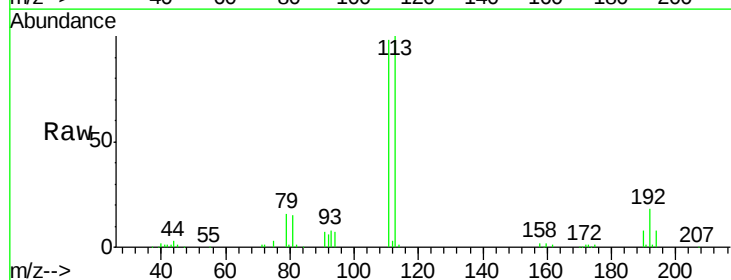
RT: 4.12 min Scan# 354

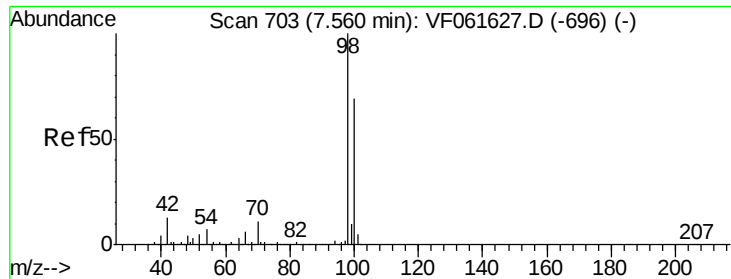
Delta R.T. 0.00 min

Lab File: VF061674.D

Acq: 18 Feb 2019 13:08

Tgt Ion:	113	Resp:	126168
Ion Ratio		Lower	Upper
113	100		
111	98.1	78.8	118.2
192	19.1	13.4	20.0





#50

Toluene-d8

Concen: 38.957 ug/l

RT: 7.56 min Scan# 703

Delta R.T. 0.00 min

Lab File: VF061674.D

Acq: 18 Feb 2019 13:08

Instrument :

MSVOA_F

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-1

Tot Ion: 98 Resp: 336581

Ion Ratio Lower Upper

98 100

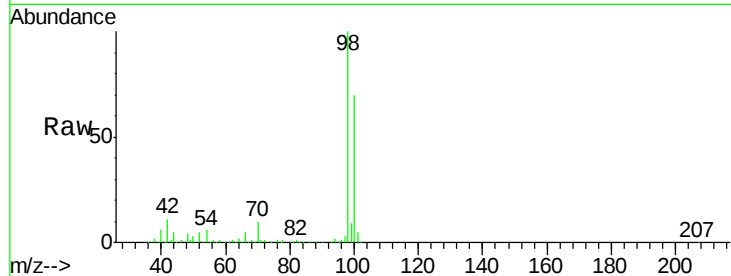
100 70.2 55.4 83.2

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

200000

150000

100000

50000

0

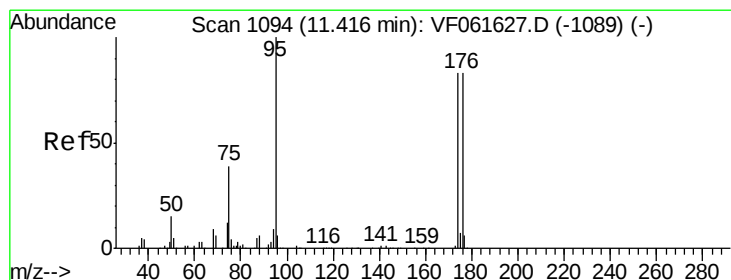
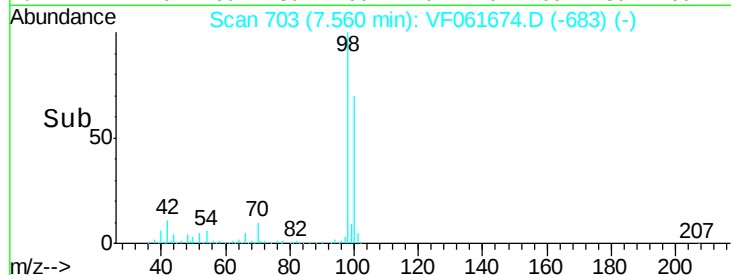
7.50

7.56

7.60

7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 37.593 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF061674.D

Acq: 18 Feb 2019 13:08

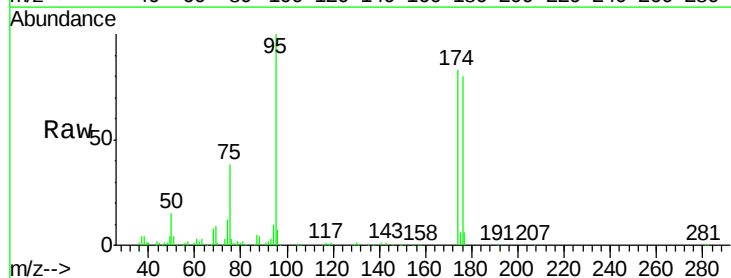
Tgt Ion: 95 Resp: 131419

Ion Ratio Lower Upper

95 100

174 83.3 0.0 165.8

176 80.1 0.0 167.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

100000

80000

60000

40000

20000

0

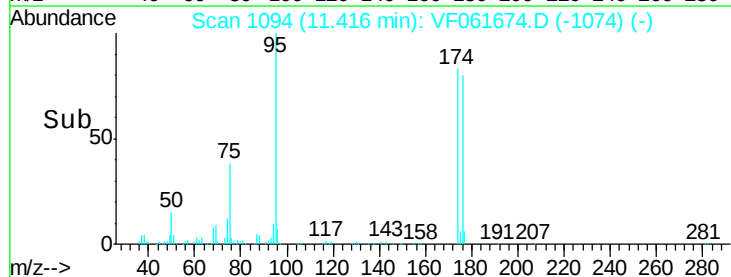
11.30

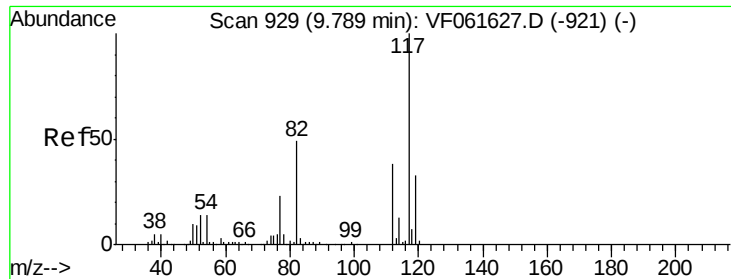
11.42

11.50

11.60

Time-->





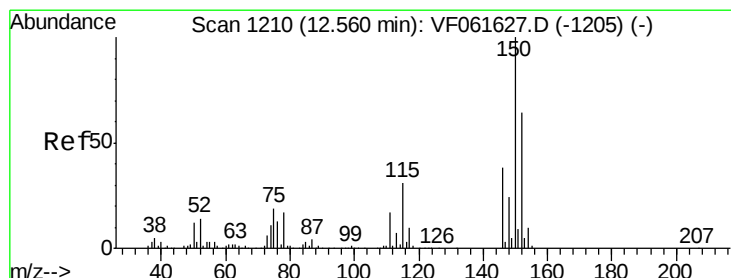
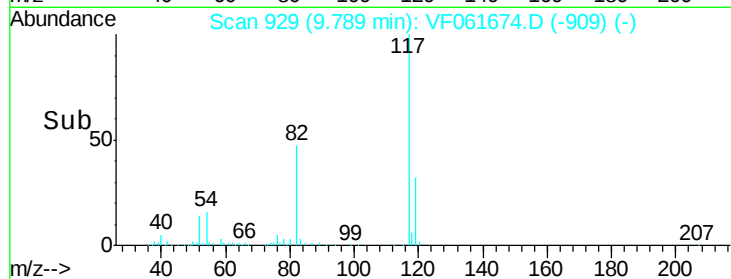
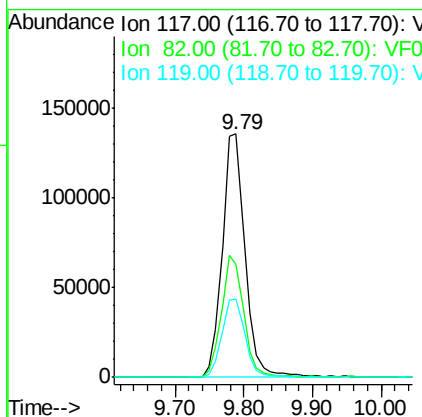
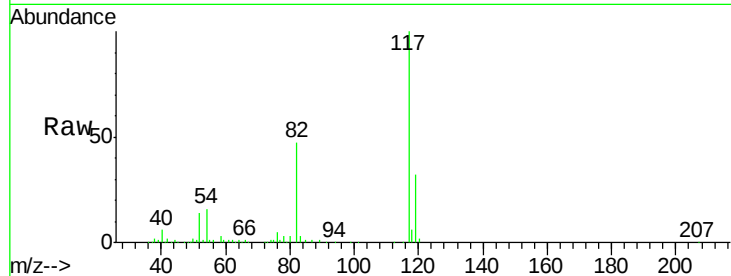
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.00 min
Lab File: VF061674.D
Acq: 18 Feb 2019 13:08

Instrument :
MSVOA_F
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Tot Ion	Ratio	Resp	Lower	Upper
117	100	312611		
82	46.5		39.3	58.9
119	32.0		26.6	40.0

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.00 min
Lab File: VF061674.D
Acq: 18 Feb 2019 13:08

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	147950		
115	47.3		24.3	72.8
150	150.4		0.0	312.0

