

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022619\
 Data File : VF061748.D
 Acq On : 26 Feb 2019 18:30
 Operator : VA/AP
 Sample : K1627-02
 Misc : 5.59g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-01-(6-2)

Manual Integrations
 APPROVED

MMDadoda
 2/27/2019 3:19:44 PM

Quant Time: Feb 27 04:31:47 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	291656	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	470989	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	326143	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	130894	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	111685	52.22	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	104.44%	
35) Dibromofluoromethane	4.10	113	176355	50.42	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	100.84%	
50) Toluene-d8	7.53	98	400008	39.78	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	79.56%	
62) 4-Bromofluorobenzene	11.40	95	136095	33.45	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	66.90%	
Target Compounds						
16) Acetone	2.23	43	5329	11.613	ug/l #	77
20) Methylene Chloride	2.24	84	25964m	8.465	ug/l	

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

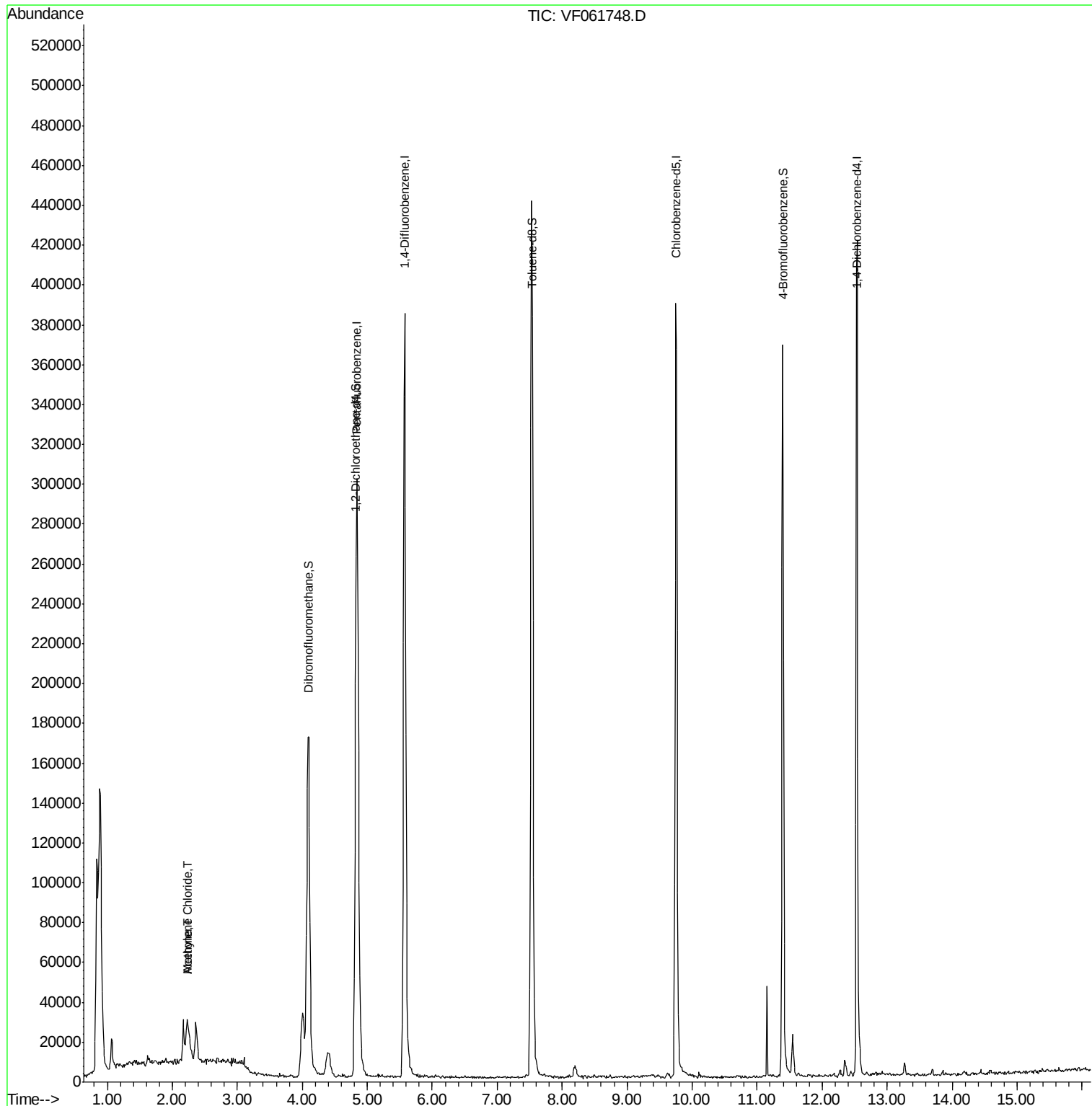
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022619\
Data File : VF061748.D
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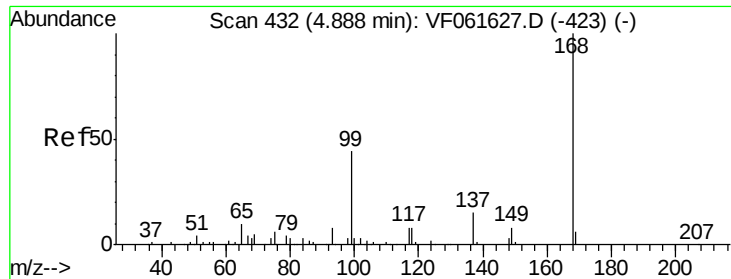
Instrument :
MSVOA_F
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF061748.D

Acq: 26 Feb 2019 18:30

Instrument :

MSVOA_F

ClientSampled :

SB-01-(6-2)

Tot Ion:168 Resp: 291656

Ion Ratio Lower Upper

168 100

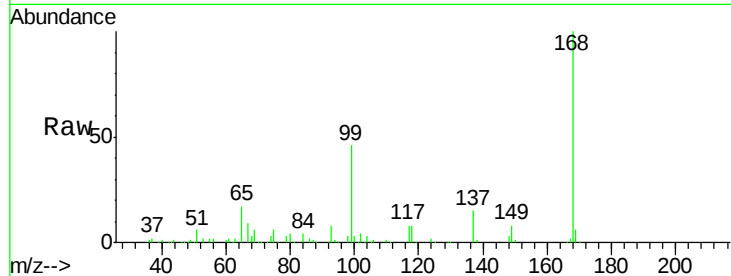
99 46.0 34.9 52.3

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

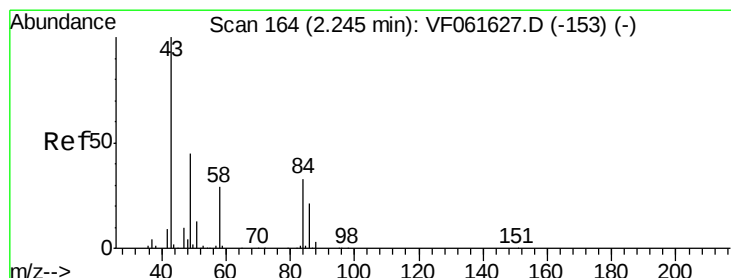
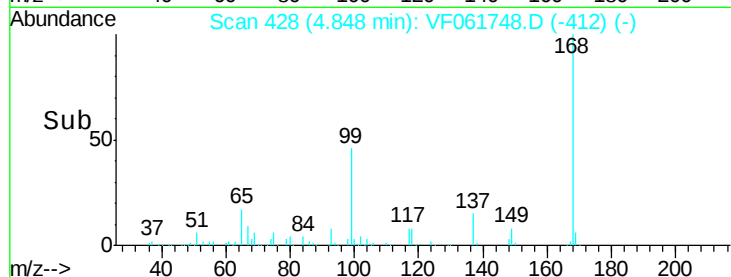
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 11.613 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.02 min

Lab File: VF061748.D

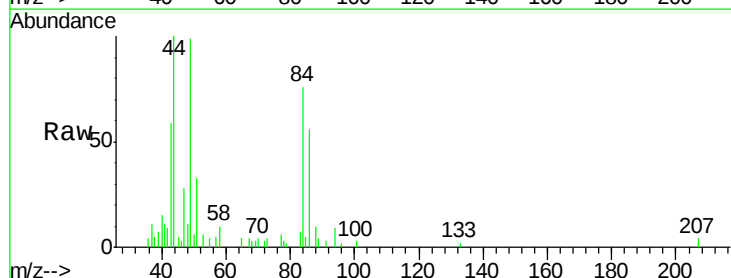
Acq: 26 Feb 2019 18:30

Tgt Ion: 43 Resp: 5329

Ion Ratio Lower Upper

43 100

58 16.5 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

3000

2500

2000

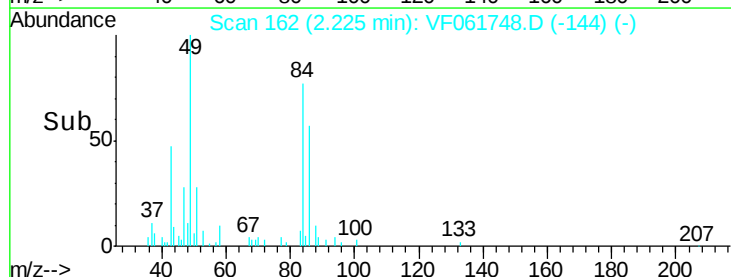
1500

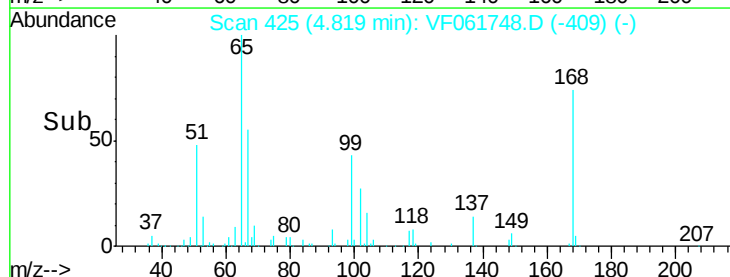
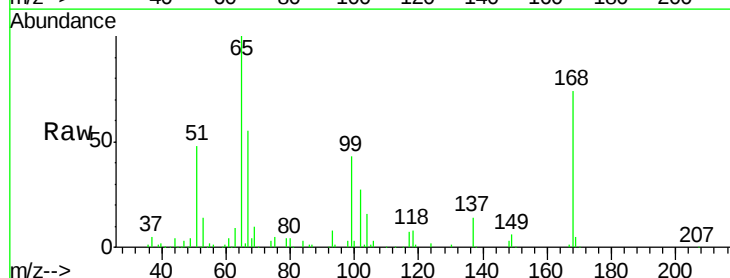
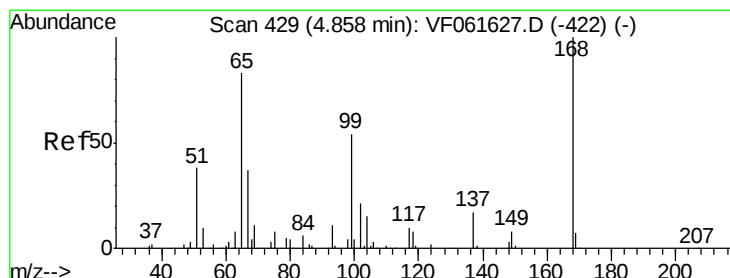
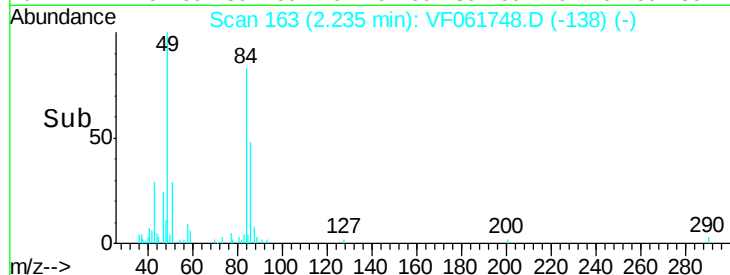
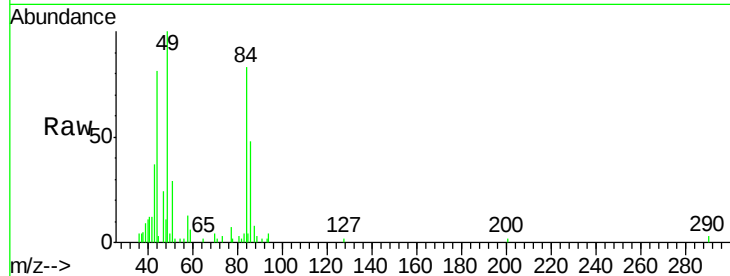
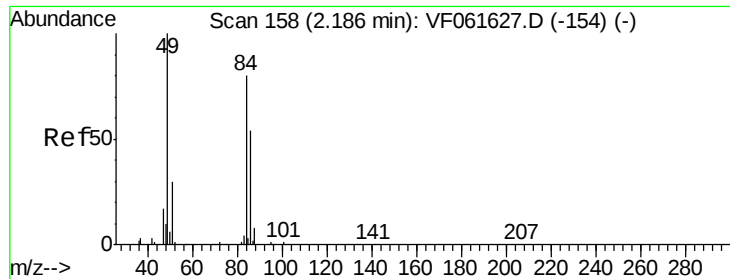
1000

500

0

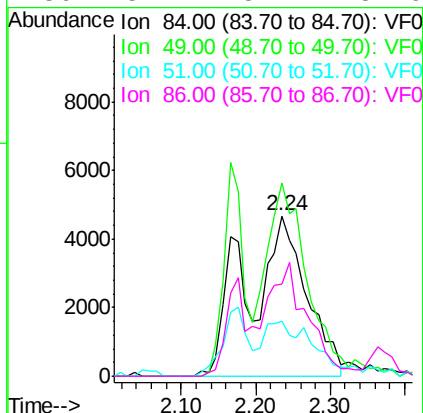
Time-->





#20
Methvlene Chloride
Concen: 8.465 ug/l m
RT: 2.24 min Scan# 163
Delta R.T. 0.05 min
Lab File: VF061748.D
Acq: 26 Feb 2019 18:30

Tot Ion	Ratio	Lower	Upper
84	100		
49	120.8	101.8	152.8
51	34.6	31.1	46.7
86	57.4	54.4	81.6



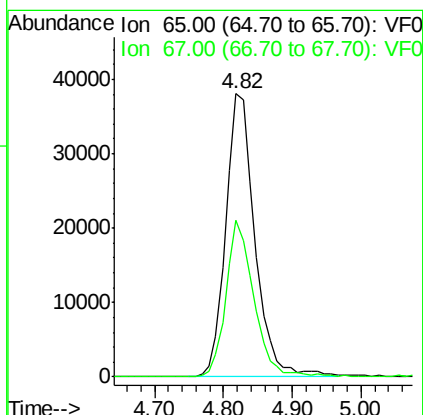
Instrument :
MSVOA_F
ClientSampleId :
SB-01-(6-2)

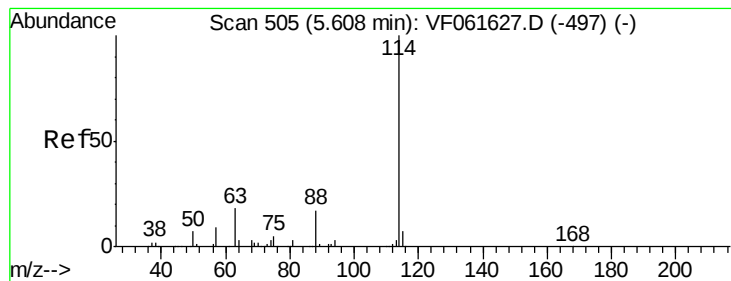
Manual Integrations
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#33
1,2-Dichloroethane-d4
Concen: 52.220 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.04 min
Lab File: VF061748.D
Acq: 26 Feb 2019 18:30

Tgt Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.03 min

Lab File: VF061748.D

Acq: 26 Feb 2019 18:30

Instrument :

MSVOA_F

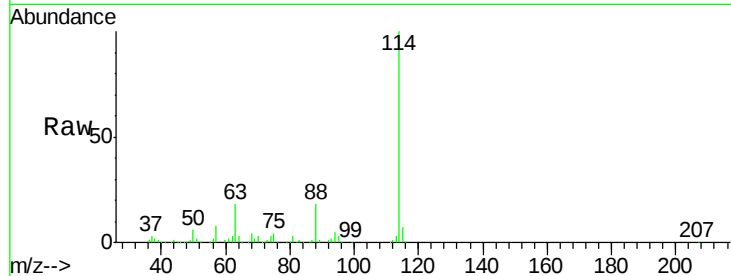
ClientSampleId :

SB-01-(6-2)

Tot Ion:	114	Resp:	470989
Ion Ratio	Lower	Upper	
114	100		
63	18.4	0.0	36.6
88	18.0	0.0	34.4

Manual Integrations
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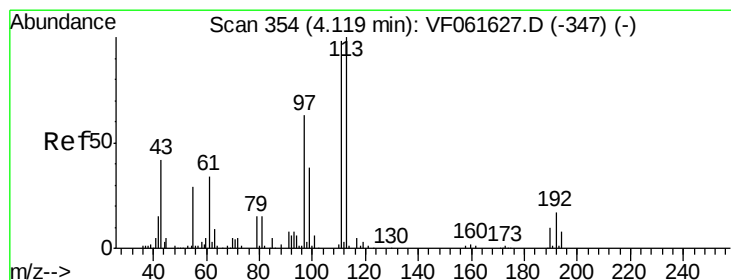
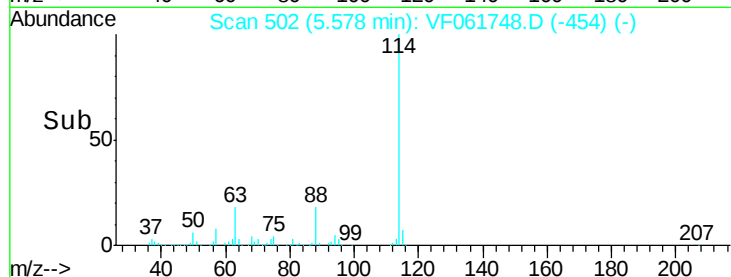
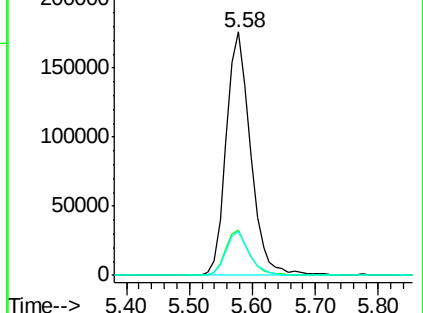
MMDadoda
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 50.422 ug/l

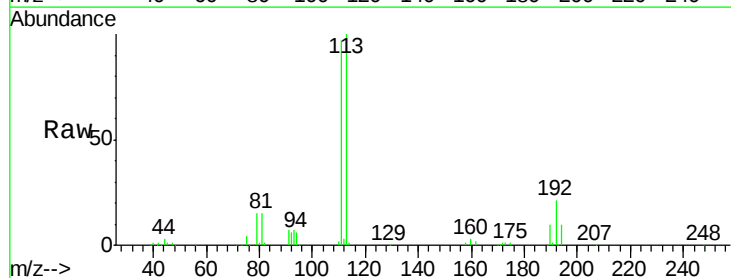
RT: 4.10 min Scan# 352

Delta R.T. -0.02 min

Lab File: VF061748.D

Acq: 26 Feb 2019 18:30

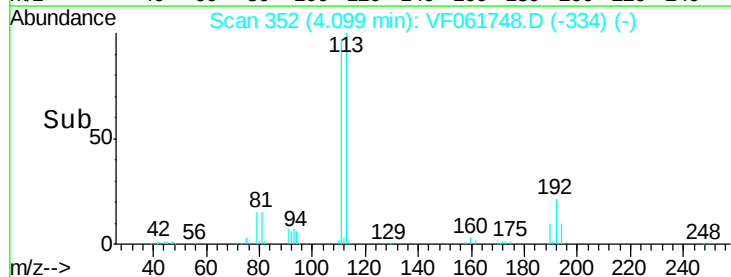
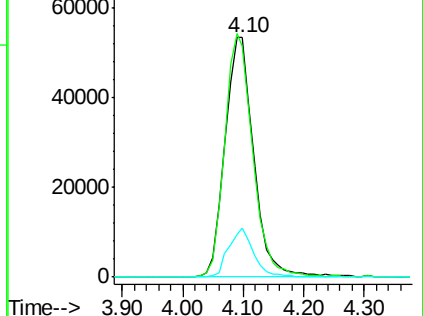
Tgt Ion:	113	Resp:	176355
Ion Ratio	Lower	Upper	
113	100		
111	96.6	78.8	118.2
192	21.1	13.4	20.0#

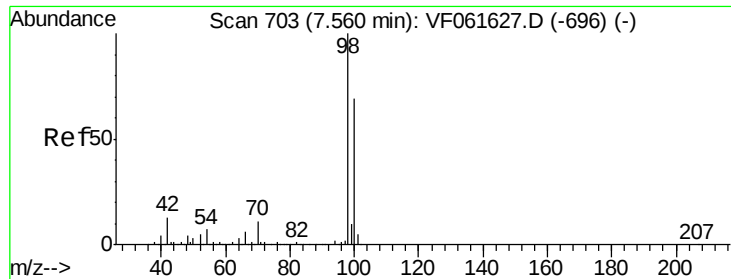


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 39.784 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.03 min

Lab File: VF061748.D

Acq: 26 Feb 2019 18:30

Instrument :

MSVOA_F

ClientSampleId :

SB-01-(6-2)

Tot Ion: 98 Resp: 400008

Ion Ratio Lower Upper

98 100

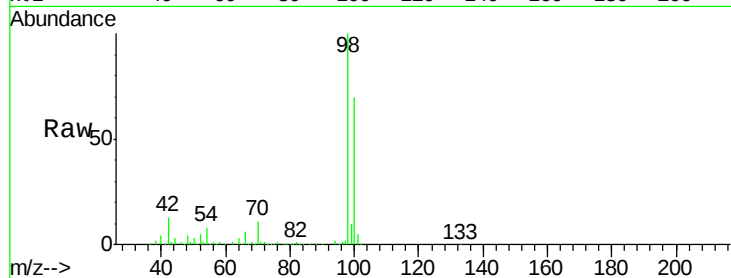
100 69.6 55.4 83.2

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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.53

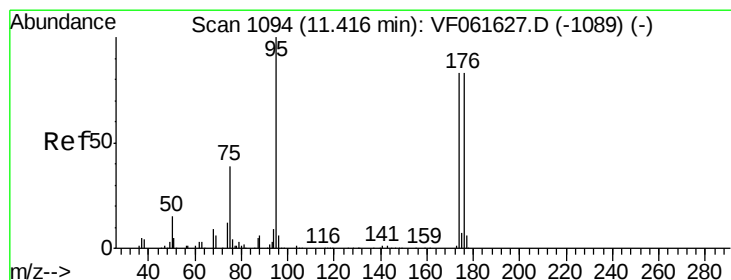
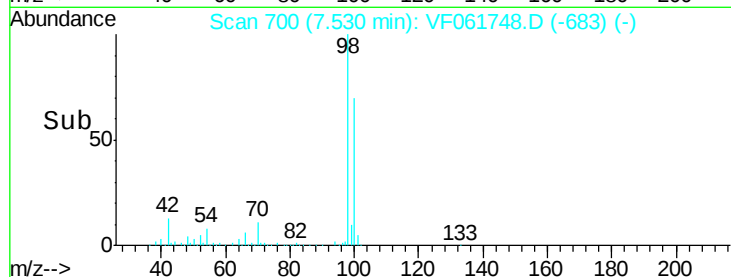
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 33.453 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061748.D

Acq: 26 Feb 2019 18:30

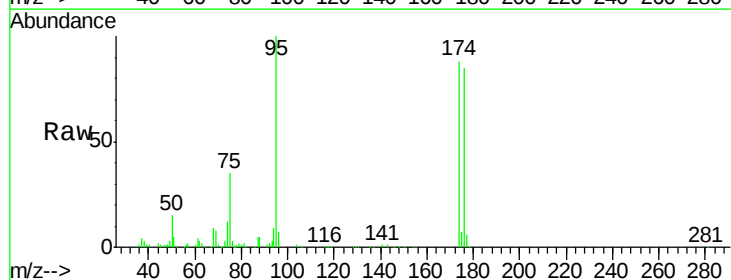
Tgt Ion: 95 Resp: 136095

Ion Ratio Lower Upper

95 100

174 88.3 0.0 165.8

176 85.3 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

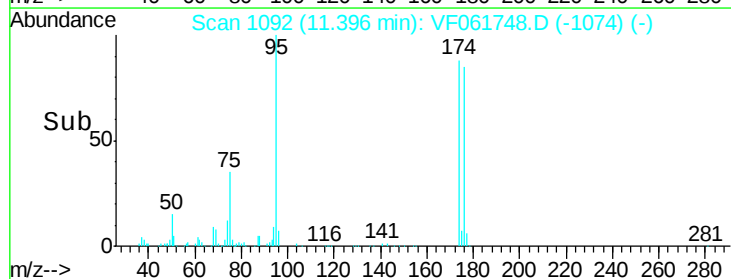
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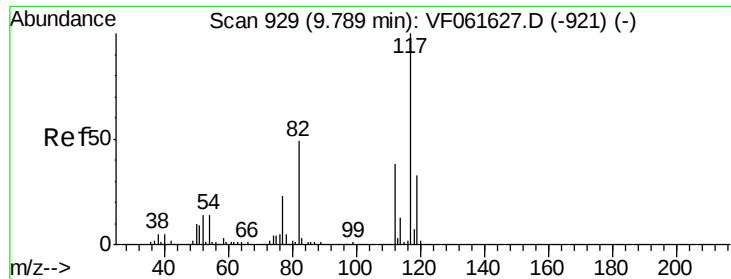
40000

20000

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Time-->





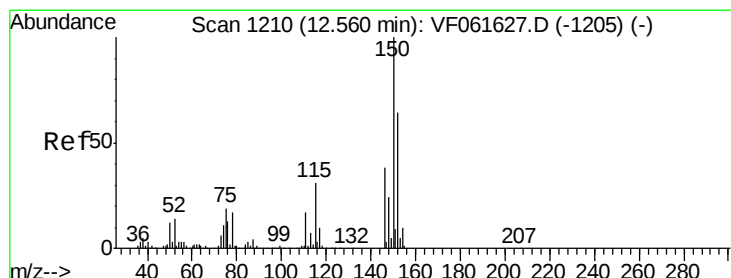
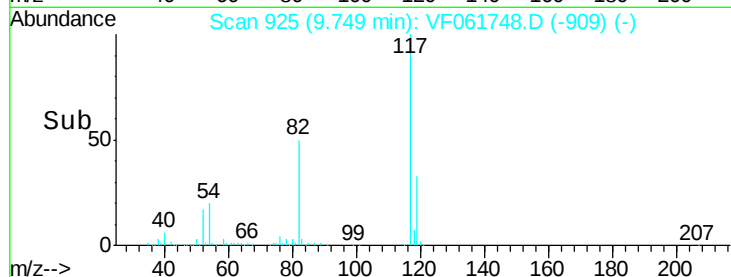
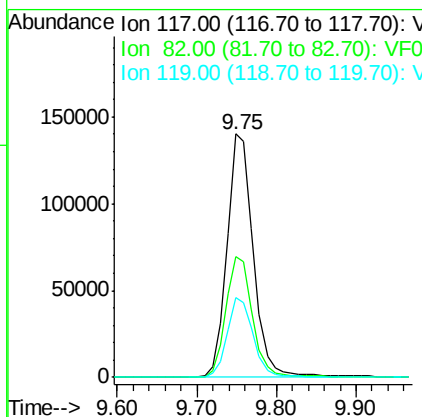
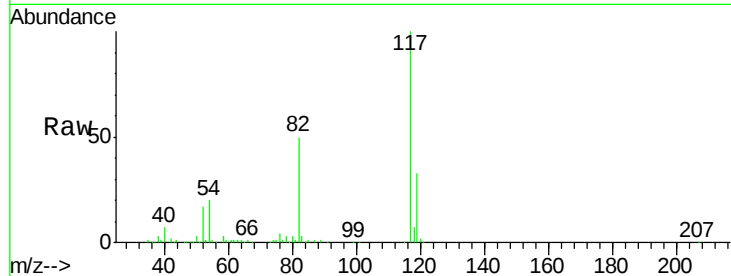
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.04 min
Lab File: VF061748.D
Acq: 26 Feb 2019 18:30

Instrument :
MSVOA_F
ClientSampleId :
SB-01-(6-2)

Tot Ion	Ratio	Resp	Lower	Upper
117	100	326143		
82	49.6		39.3	58.9
119	32.9		26.6	40.0

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF061748.D
Acq: 26 Feb 2019 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	130894		
115	49.0		24.3	72.8
150	152.8		0.0	312.0

