

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032119\
 Data File : VF062072.D
 Acq On : 21 Mar 2019 20:45
 Operator : VA/AP
 Sample : K2004-10RE
 Misc : 4.22g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-22(12-13)RE

Manual Integrations
 APPROVED

MMDadoda
 3/23/2019 2:59:33 AM

Quant Time: Mar 22 08:46:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 03:22:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	212363	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.61	114	332465	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.79	117	226802	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	73891	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	82040	53.67	ug/l	0.02
Spiked Amount 50.000			Recovery	=	107.34%	
35) Dibromofluoromethane	4.13	113	121094	54.24	ug/l	0.02
Spiked Amount 50.000			Recovery	=	108.48%	
50) Toluene-d8	7.58	98	277654	42.54	ug/l	0.02
Spiked Amount 50.000			Recovery	=	85.08%	
62) 4-Bromofluorobenzene	11.42	95	87046	33.57	ug/l	0.01
Spiked Amount 50.000			Recovery	=	67.14%	
Target Compounds						
16) Acetone	2.25	43	8149	23.739	ug/l	98
17) Carbon Disulfide	1.84	76	155070m	29.930	ug/l	
20) Methylene Chloride	2.19	84	16174m	9.031	ug/l	

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

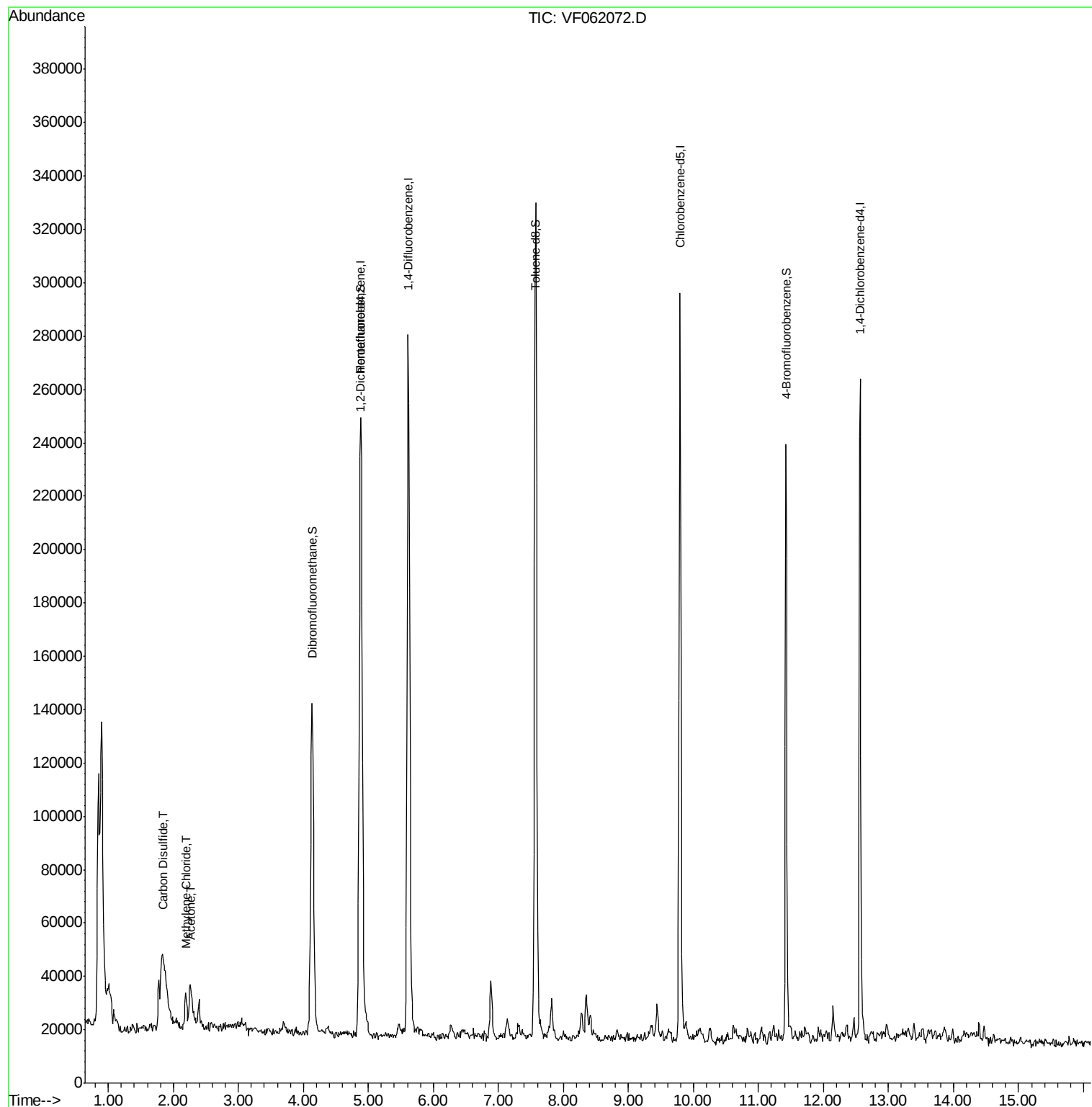
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032119\
Data File : VF062072.D
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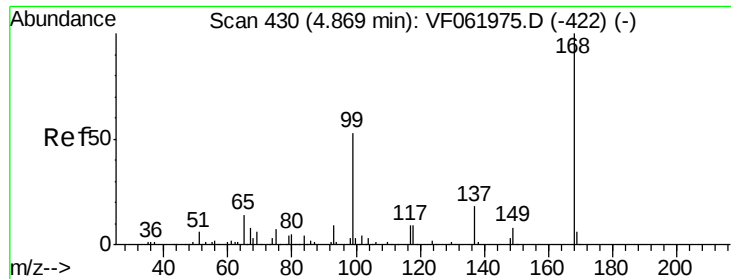
Instrument :
MSVOA_F
ClientSampleId :
SB-22(12-13)RE

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Quant Time: Mar 22 08:46:51 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 03:22:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.02 min

Lab File: VF062072.D

Acq: 21 Mar 2019 20:45

Instrument :

MSVOA_F

ClientSampleId :

SB-22(12-13)RE

Tot Ion:168 Resp: 212363

Ion Ratio Lower Upper

168 100

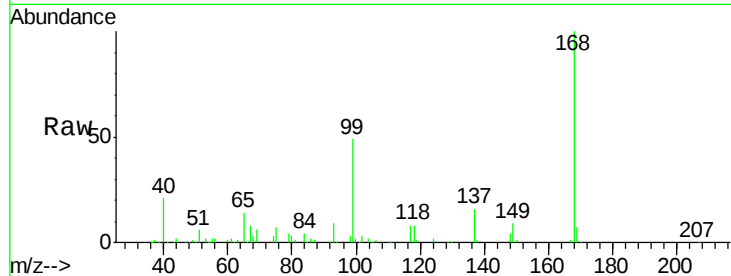
99 48.9 42.4 63.6

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

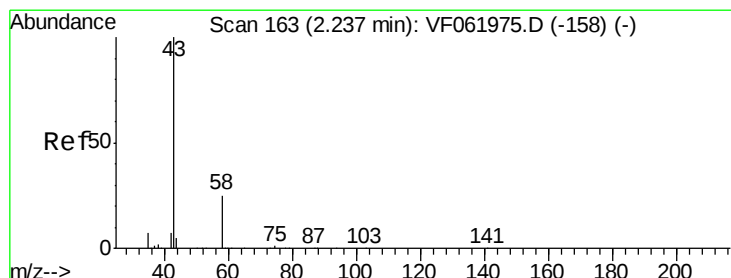
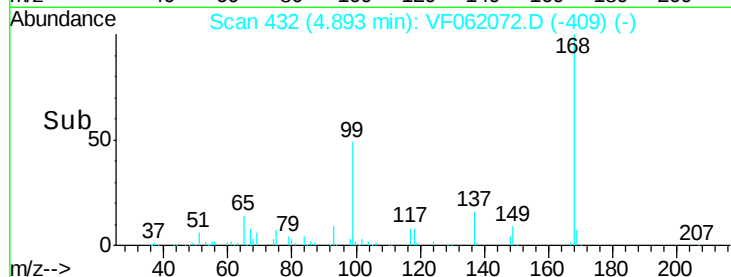
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00



#16

Acetone

Concen: 23.739 ug/l

RT: 2.25 min Scan# 164

Delta R.T. 0.01 min

Lab File: VF062072.D

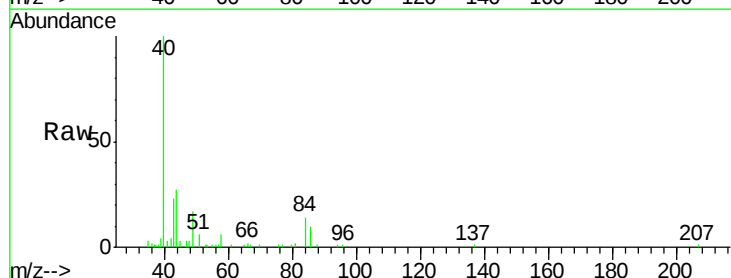
Acq: 21 Mar 2019 20:45

Tgt Ion: 43 Resp: 8149

Ion Ratio Lower Upper

43 100

58 25.8 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.25

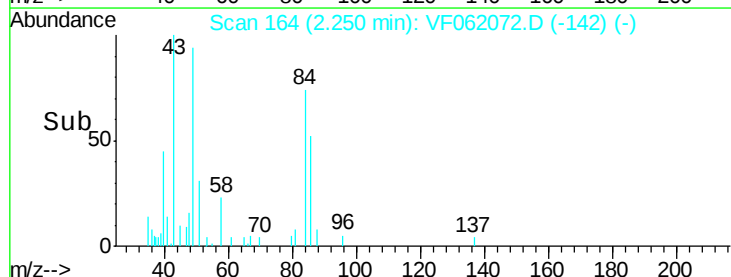
3000

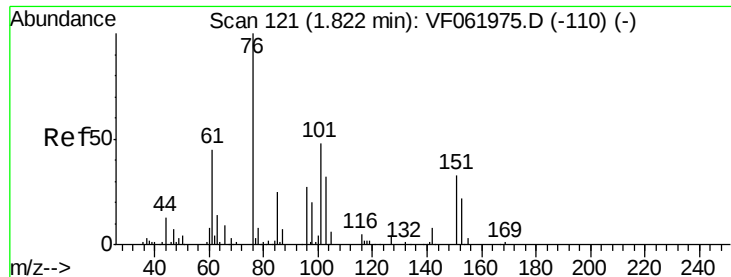
2000

1000

0

Time--> 2.20 2.30





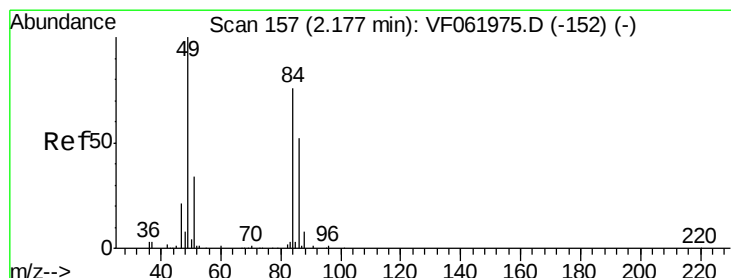
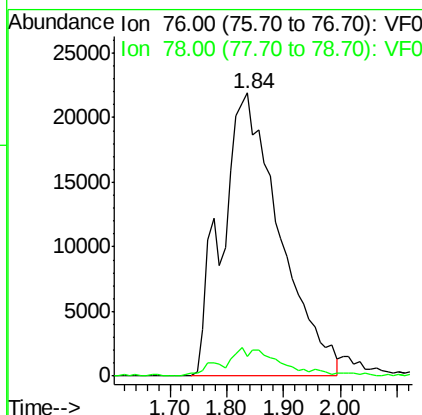
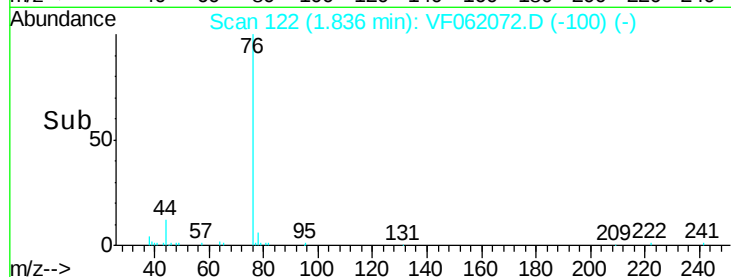
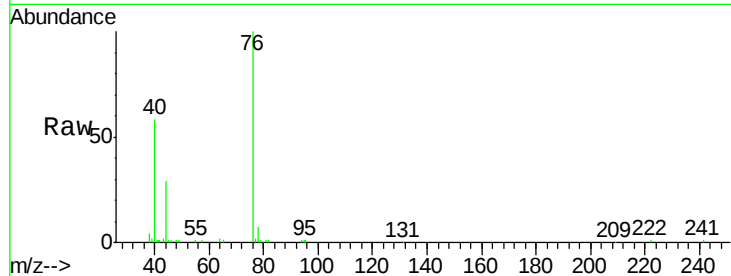
#17
Carbon Disulfide
Concen: 29.930 ug/l m
RT: 1.84 min Scan# 122
Delta R.T. 0.01 min
Lab File: VF062072.D
Acq: 21 Mar 2019 20:45

Instrument :
MSVOA_F
ClientSampleId :
SB-22(12-13)RE

Tot Ion: 76 Resp: 155070
Ion Ratio Lower Upper
76 100
78 7.2 6.8 10.2

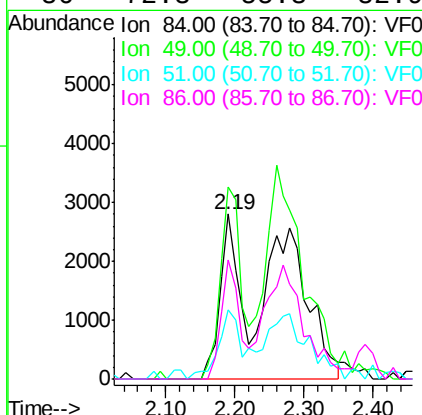
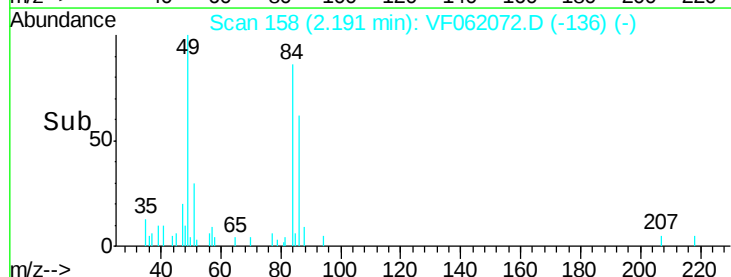
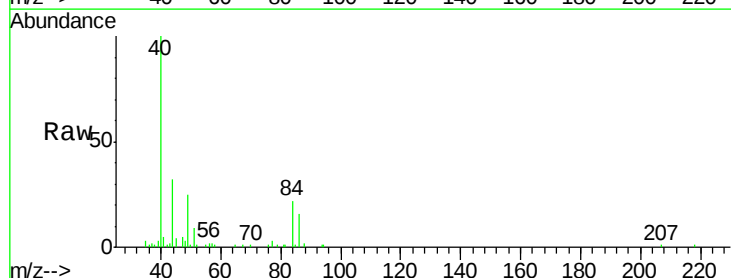
Manual Integrations
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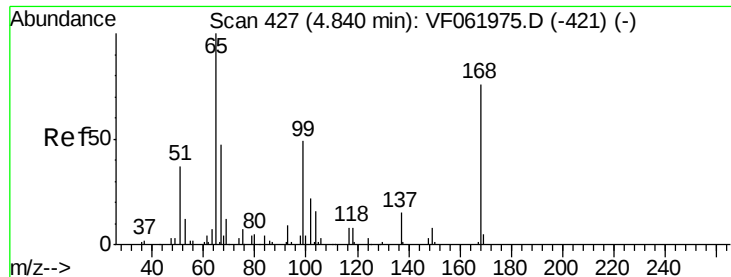
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#20
Methylene Chloride
Concen: 9.031 ug/l m
RT: 2.19 min Scan# 158
Delta R.T. 0.01 min
Lab File: VF062072.D
Acq: 21 Mar 2019 20:45

Tgt Ion: 84 Resp: 16174
Ion Ratio Lower Upper
84 100
49 116.5 107.0 160.6
51 42.2 37.2 55.8
86 72.3 55.3 82.9





#33

1,2-Dichloroethane-d4

Concen: 53.667 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.02 min

Lab File: VF062072.D

Acq: 21 Mar 2019 20:45

Instrument :

MSVOA_F

ClientSampleId :

SB-22(12-13)RE

Tot Ion: 65 Resp: 82040

Ion Ratio Lower Upper

65 100

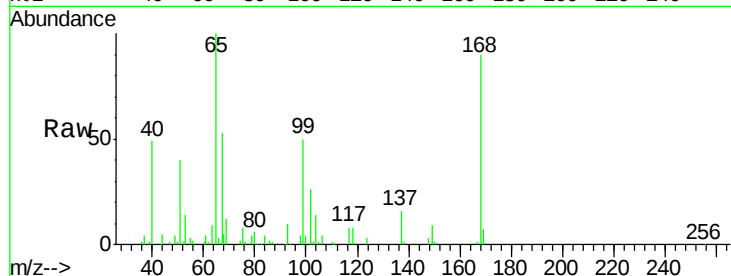
67 52.5 0.0 109.4

Manual Integrations

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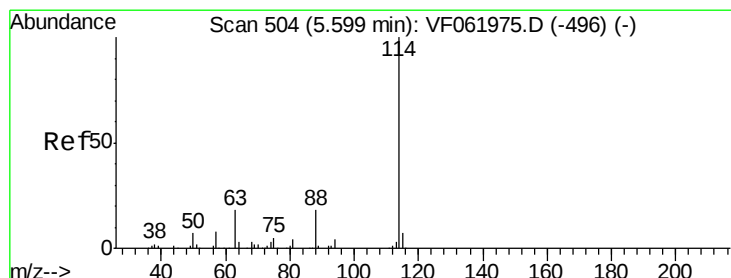
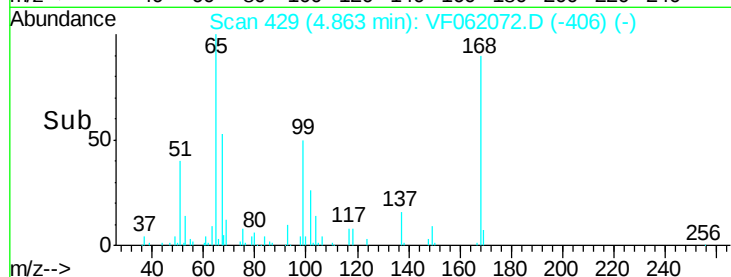
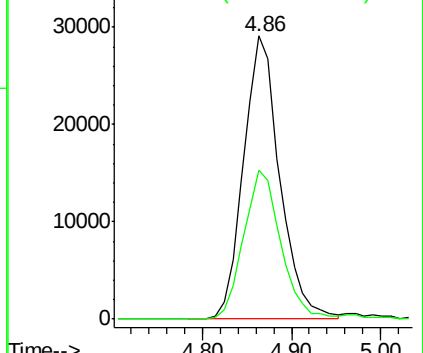
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.01 min

Lab File: VF062072.D

Acq: 21 Mar 2019 20:45

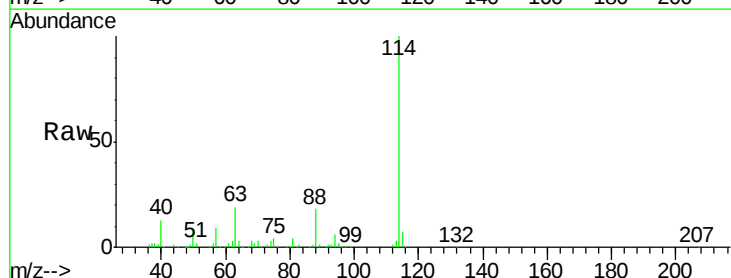
Tgt Ion: 114 Resp: 332465

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

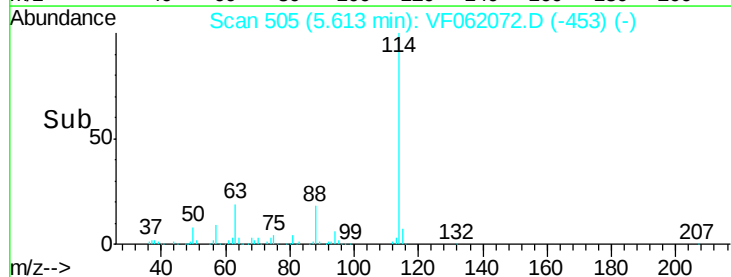
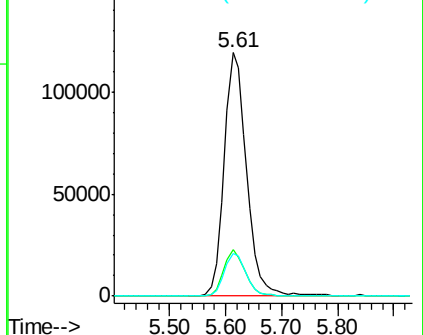
88 17.7 0.0 36.4

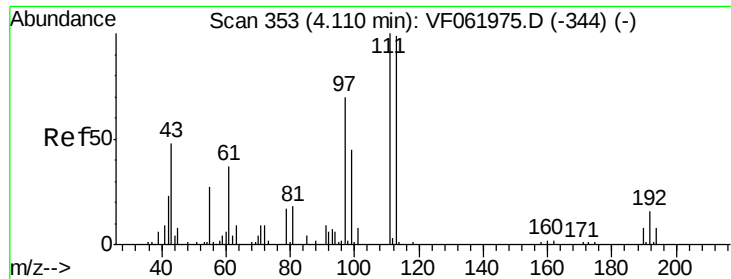


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





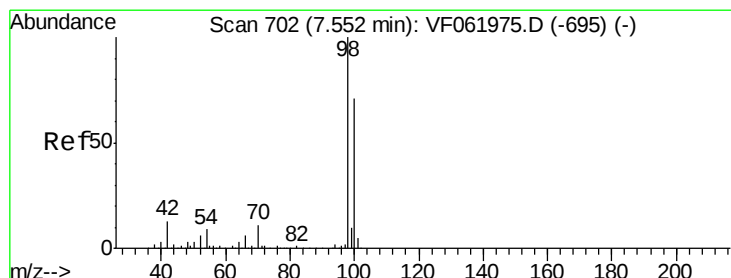
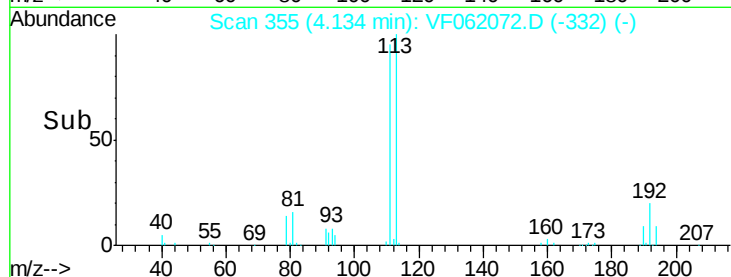
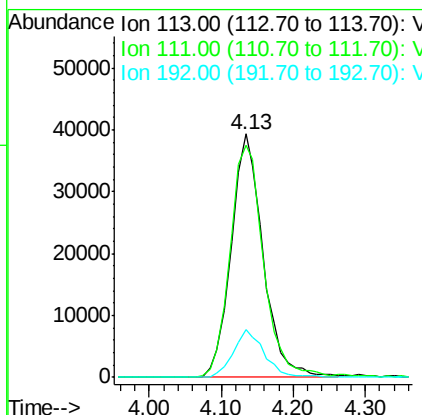
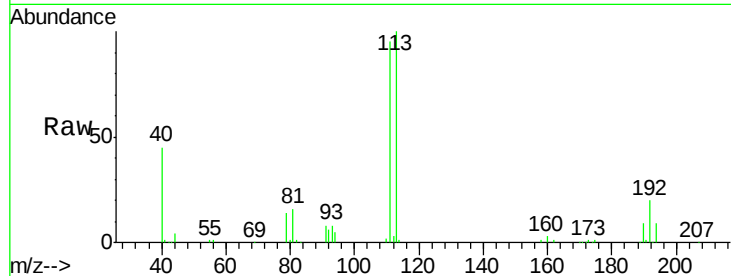
#35
Dibromofluoromethane
Concen: 54.240 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.02 min
Lab File: VF062072.D
Acq: 21 Mar 2019 20:45

Instrument :
MSVOA_F
ClientSampleId :
SB-22(12-13)RE

Tot Ion	Ratio	Resp	Lower	Upper
113	100	121094		
111	95.1	80.8	121.2	
192	20.1	13.0	19.6	

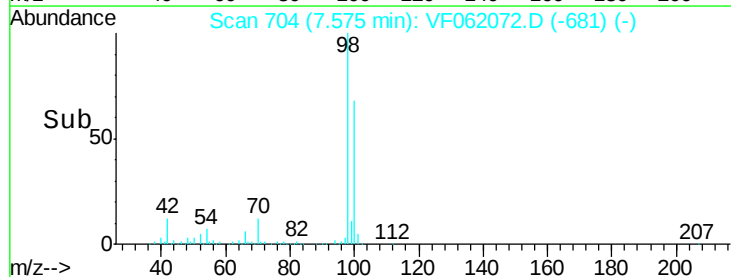
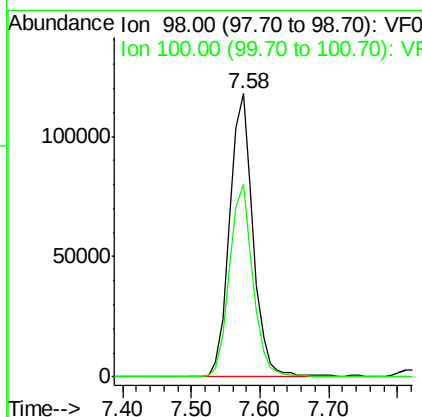
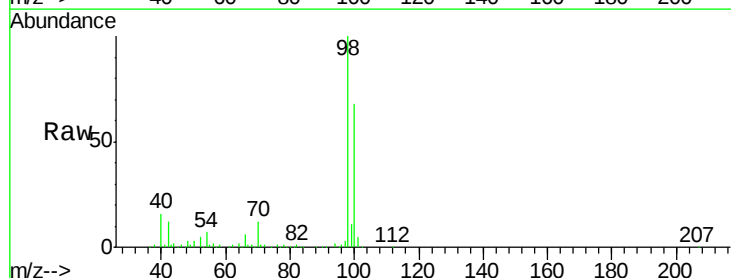
Manual Integrations
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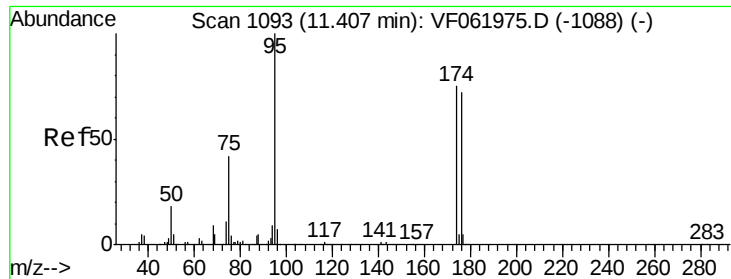
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#50
Toluene-d8
Concen: 42.543 ug/l
RT: 7.58 min Scan# 704
Delta R.T. 0.02 min
Lab File: VF062072.D
Acq: 21 Mar 2019 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	277654		
100	67.9	56.8	85.2	





#62

4-Bromofluorobenzene

Concen: 33.573 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VF062072.D

Acq: 21 Mar 2019 20:45

Instrument :

MSVOA_F

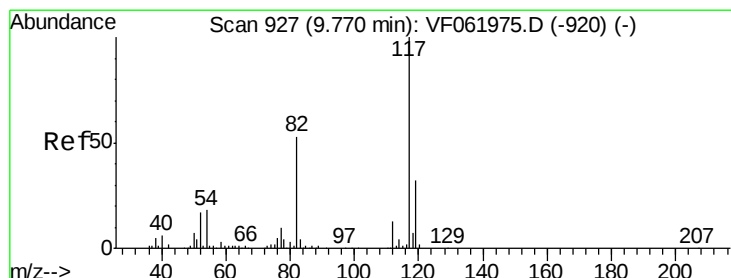
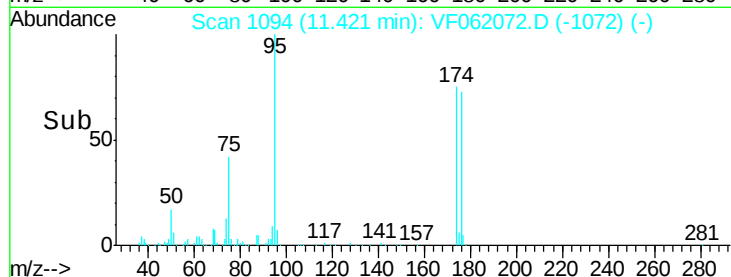
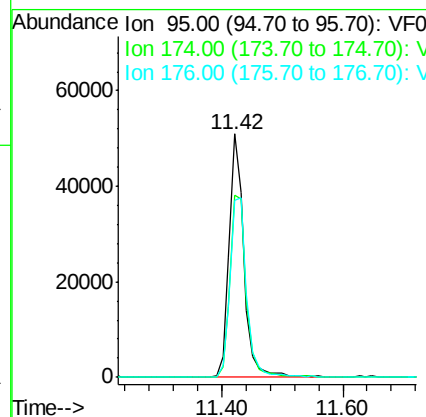
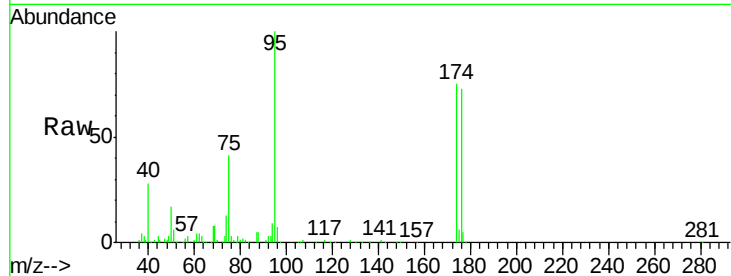
ClientSampleId :

SB-22(12-13)RE

Tot Ion:	95	Resp:	87046
Ion Ratio	Lower	Upper	
95	100		
174	74.9	0.0	149.4
176	72.6	0.0	143.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

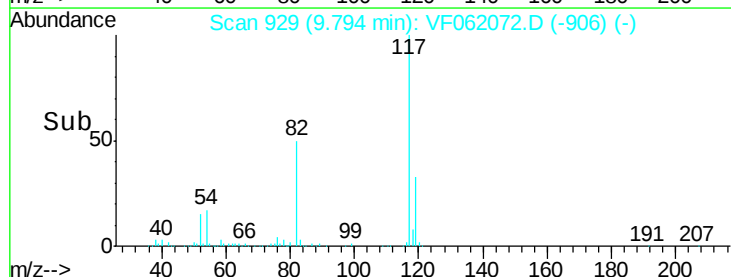
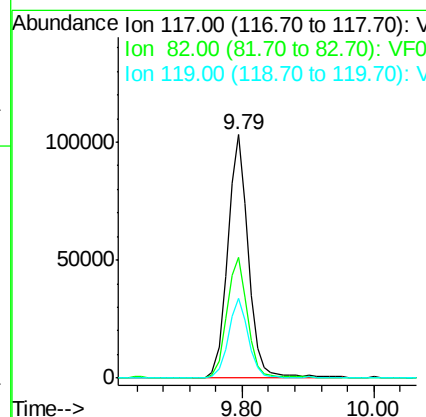
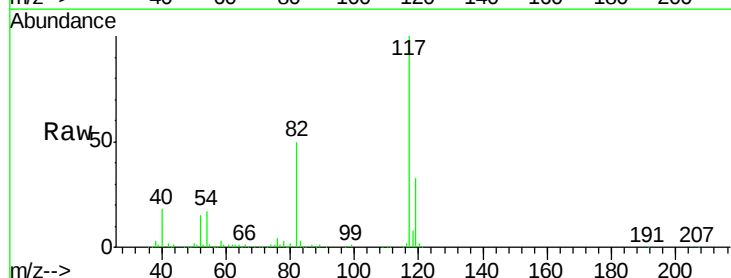
RT: 9.79 min Scan# 929

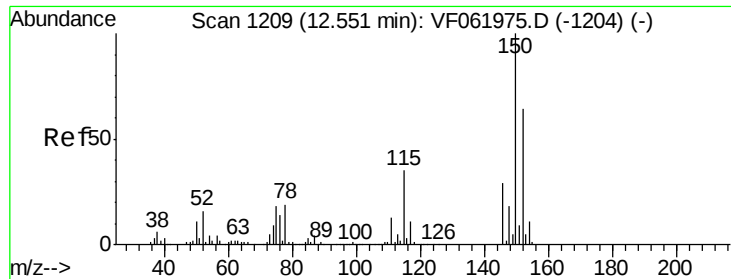
Delta R.T. 0.02 min

Lab File: VF062072.D

Acq: 21 Mar 2019 20:45

Tgt Ion:	117	Resp:	226802
Ion Ratio	Lower	Upper	
117	100		
82	49.6	42.5	63.7
119	32.6	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1210

Delta R.T. 0.01 min

Lab File: VF062072.D

Acq: 21 Mar 2019 20:45

Instrument :

MSVOA_F

ClientSampleId :

SB-22(12-13)RE

Tot Ion:152 Resp: 73891

Ion Ratio Lower Upper

152 100

115 51.5 27.3 81.9

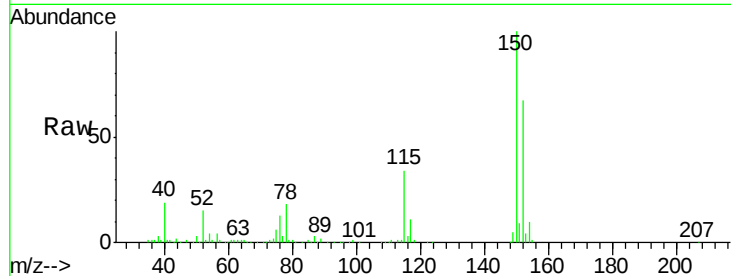
150 149.8 0.0 316.2

Manual Integrations

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3/23/2019 2:59:33 AM



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

