

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032019\
 Data File : VF062051.D
 Acq On : 20 Mar 2019 20:30
 Operator : VA/AP
 Sample : K2004-11
 Misc : 5.24g/5mL/MSVOA-F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-23(0.5-1.5)

Manual Integrations
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Quant Time: Mar 22 07:51:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	178771	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.59	114	285652	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	197408	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	63646	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	102059	79.31	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	158.62%	
35) Dibromofluoromethane	4.10	113	133694	69.70	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	139.40%	
50) Toluene-d8	7.54	98	329629	58.78	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	117.56%	
62) 4-Bromofluorobenzene	11.40	95	98812	44.36	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	88.72%	
Target Compounds						
20) Methylene Chloride	2.18	84	22121m	14.869	ug/l	Qvalue

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

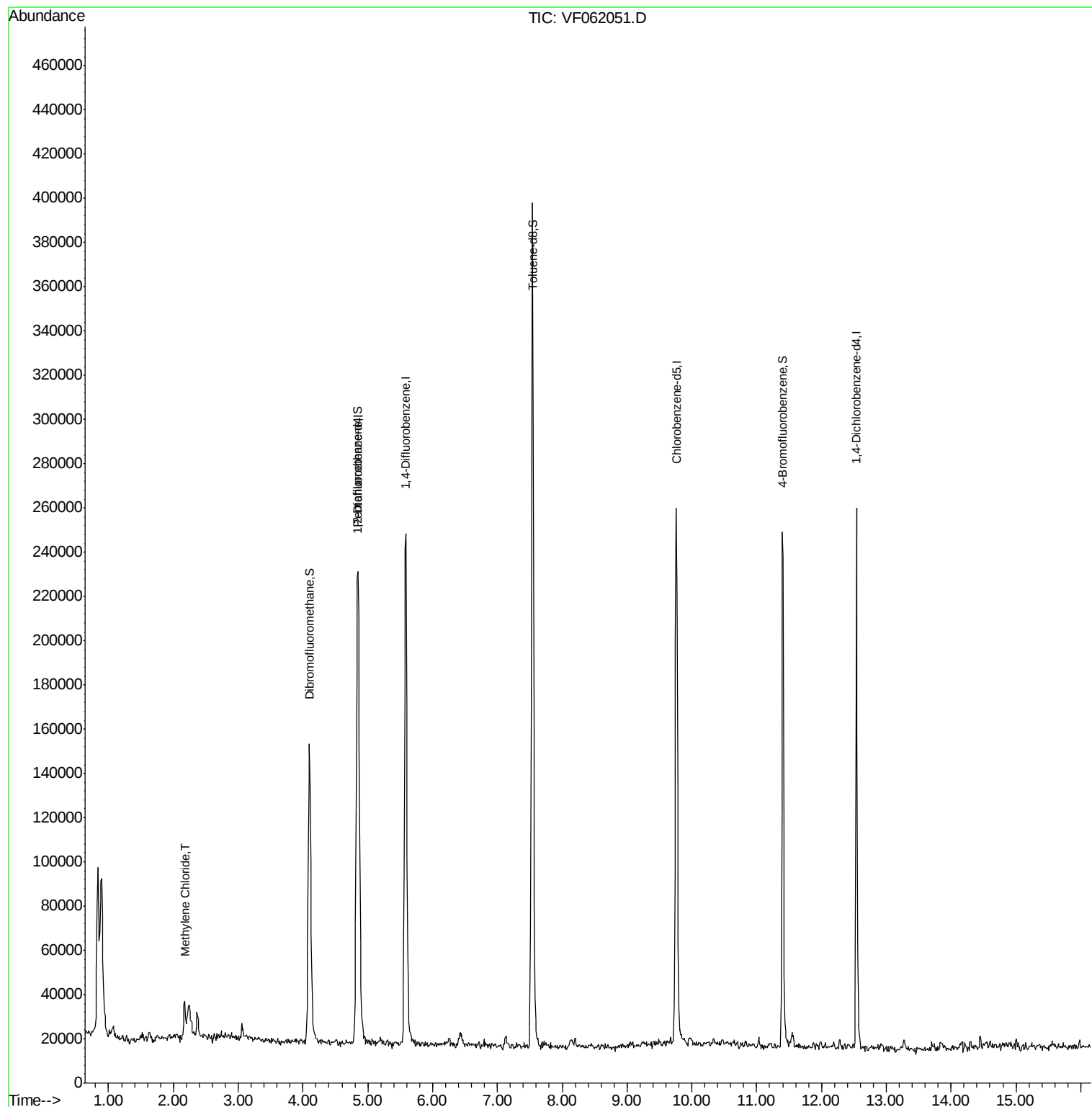
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032019\
Data File : VF062051.D
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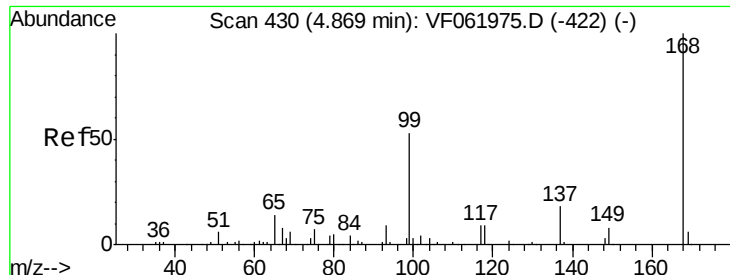
Instrument :
MSVOA_F
ClientSampleId :
SB-23(0.5-1.5)

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Quant Time: Mar 22 07:51:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF062051.D

Acq: 20 Mar 2019 20:30

Instrument :

MSVOA_F

ClientSampleId :

SB-23(0.5-1.5)

Tot Ion:168 Resp: 178771

Ion Ratio Lower Upper

168 100

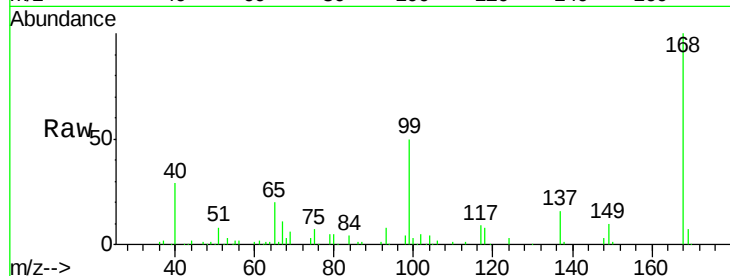
99 49.5 42.4 63.6

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

60000

40000

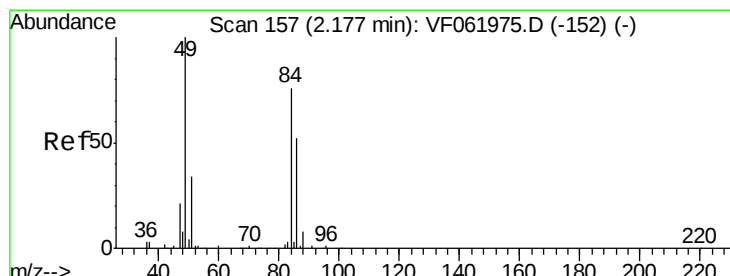
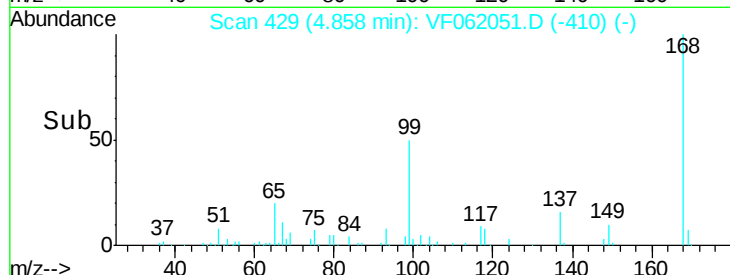
20000

0

Time-->

4.70 4.80 4.90 5.00

4.86



#20

Methylene Chloride

Concen: 14.869 ug/l m

RT: 2.18 min Scan# 157

Delta R.T. -0.00 min

Lab File: VF062051.D

Acq: 20 Mar 2019 20:30

Tgt Ion: 84 Resp: 22121

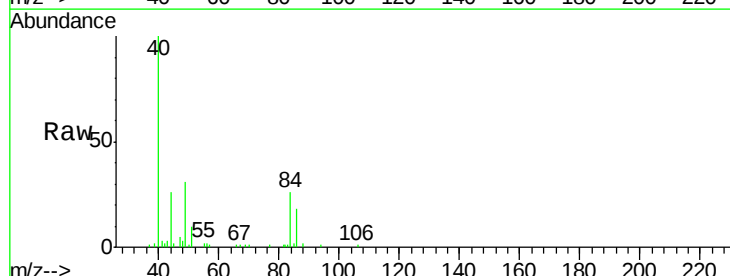
Ion Ratio Lower Upper

84 100

49 121.0 107.0 160.6

51 38.3 37.2 55.8

86 70.5 55.3 82.9



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

6000

4000

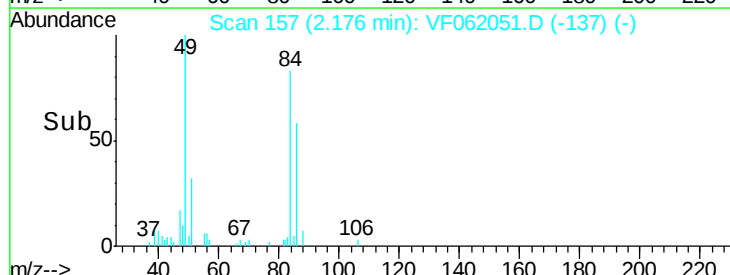
2000

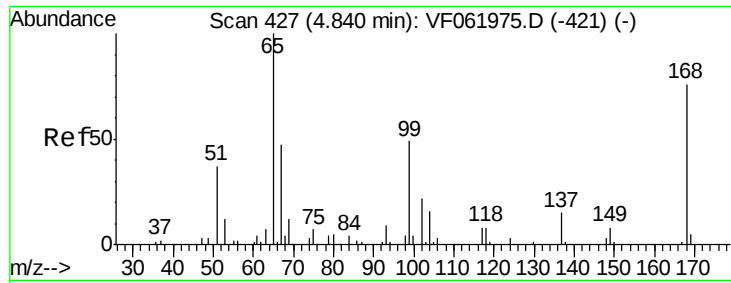
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Time-->

2.10 2.20 2.30 2.40

2.18





#33

1,2-Dichloroethane-d4

Concen: 79.308 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF062051.D

Acq: 20 Mar 2019 20:30

Instrument :

MSVOA_F

ClientSampleId :

SB-23(0.5-1.5)

Tot Ion: 65 Resp: 102059

Ion Ratio Lower Upper

65 100

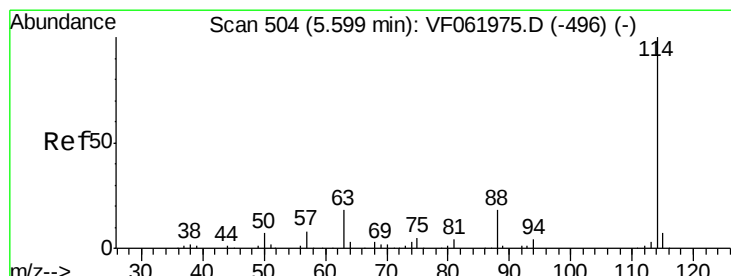
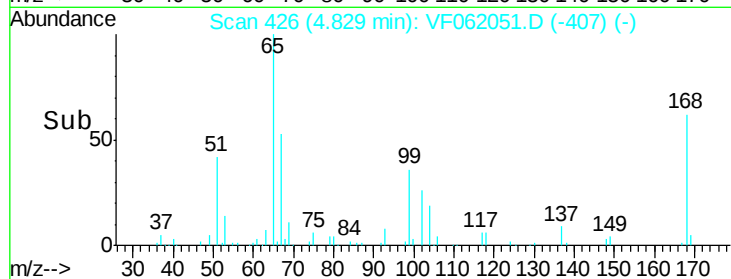
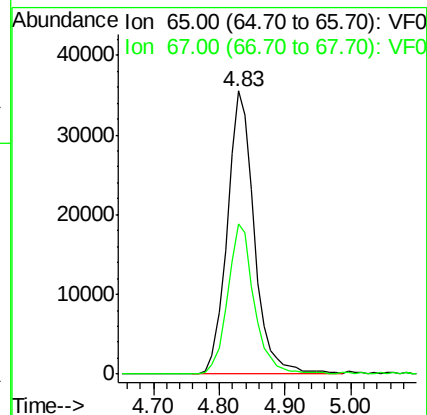
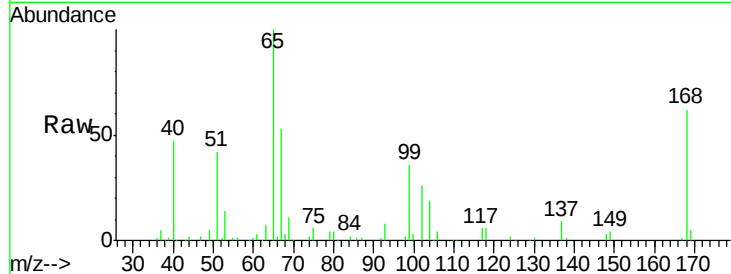
67 53.1 0.0 109.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.01 min

Lab File: VF062051.D

Acq: 20 Mar 2019 20:30

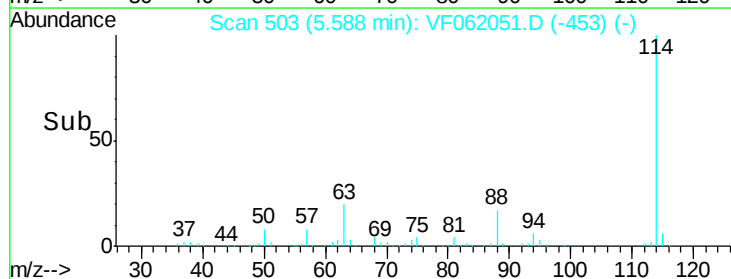
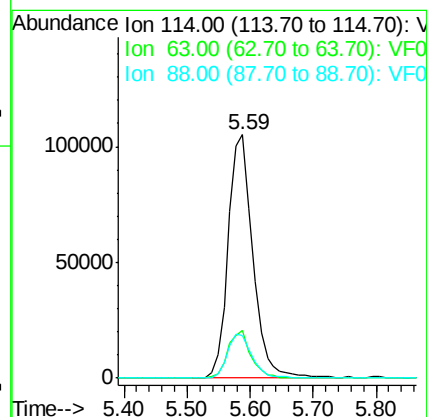
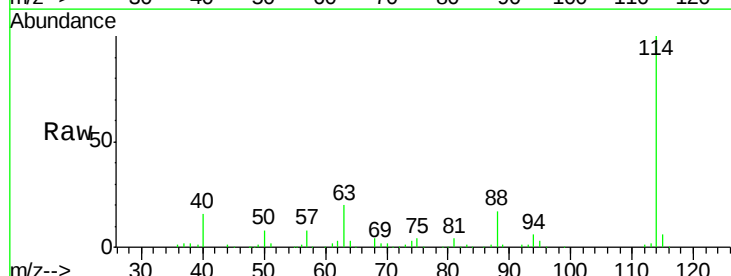
Tgt Ion: 114 Resp: 285652

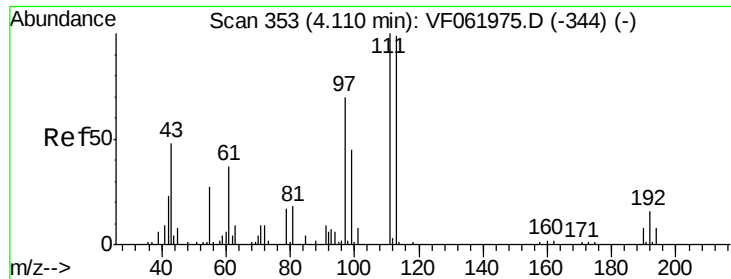
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 17.4 0.0 36.4





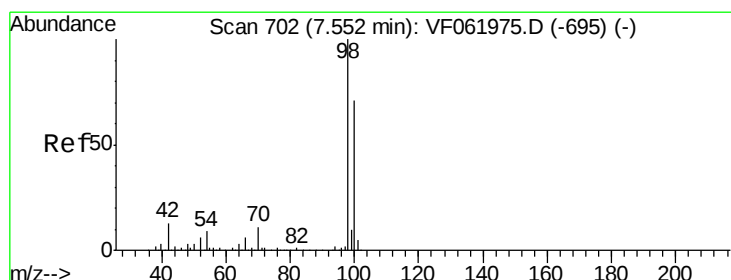
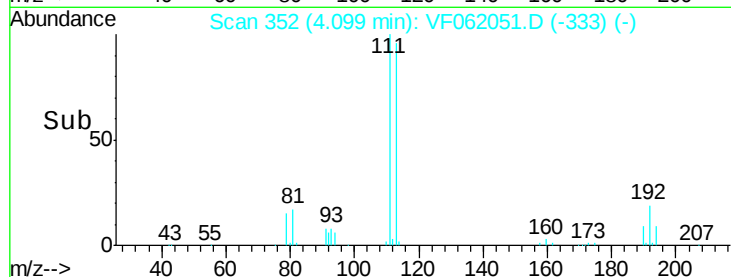
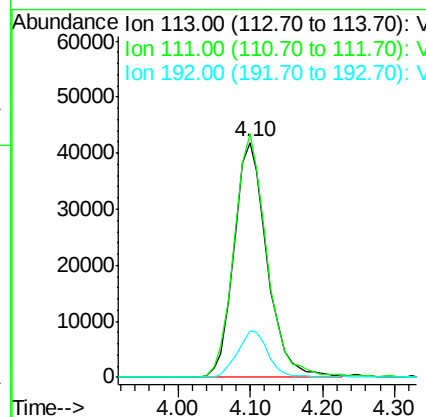
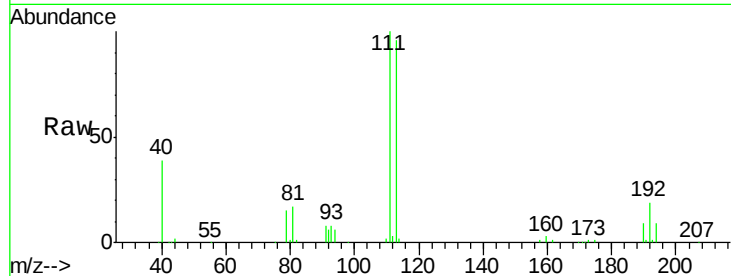
#35
Dibromofluoromethane
Concen: 69.697 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF062051.D
Acq: 20 Mar 2019 20:30

Instrument :
MSVOA_F
ClientSampleId :
SB-23(0.5-1.5)

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	80.8	121.2
192	19.6	13.0	19.6#

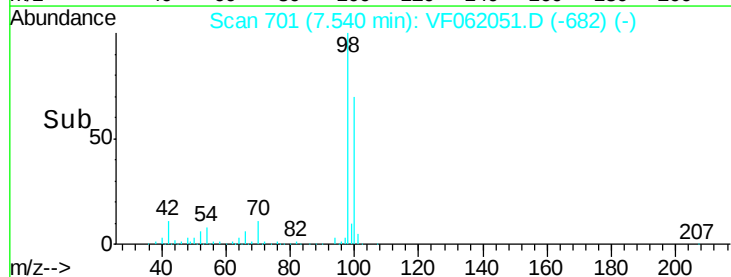
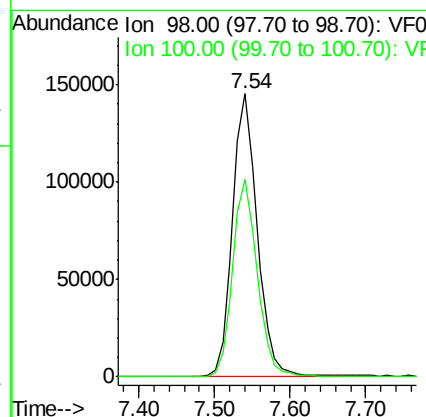
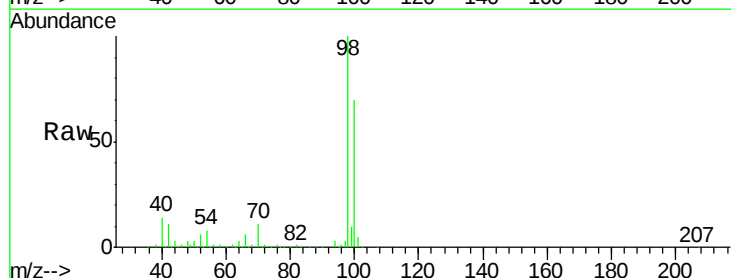
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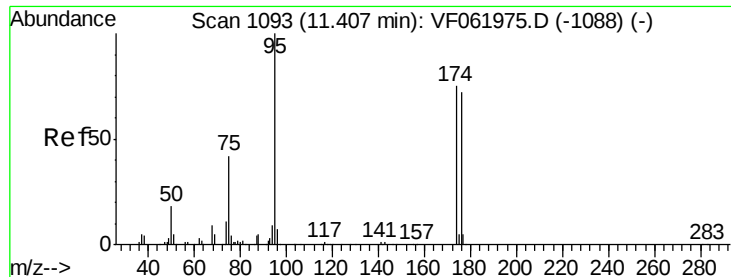
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#50
Toluene-d8
Concen: 58.784 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.01 min
Lab File: VF062051.D
Acq: 20 Mar 2019 20:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.8	56.8	85.2





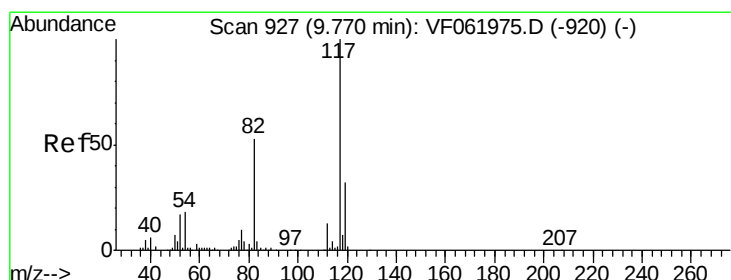
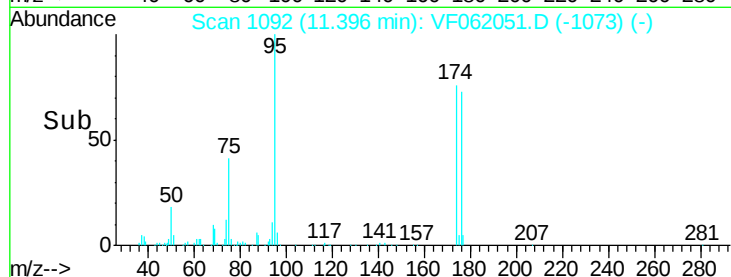
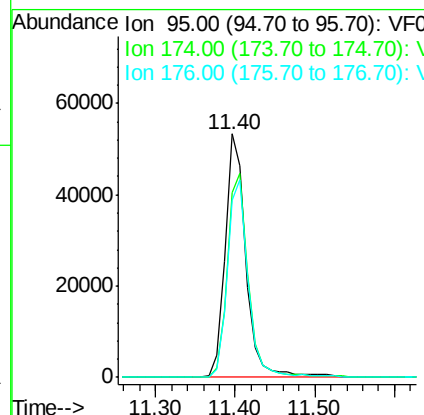
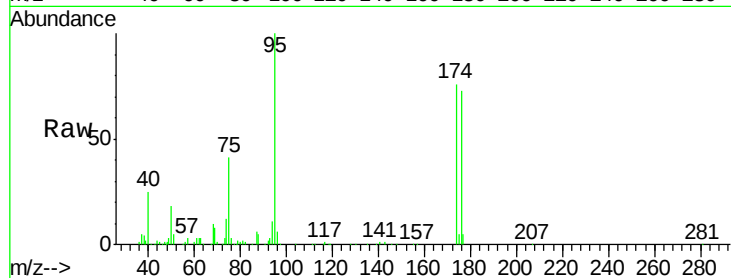
#62
4-Bromofluorobenzene
Concen: 44.357 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF062051.D
Acq: 20 Mar 2019 20:30

Instrument :
MSVOA_F
ClientSampleId :
SB-23(0.5-1.5)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	98812		
174	76.0	0.0	149.4	
176	72.5	0.0	143.4	

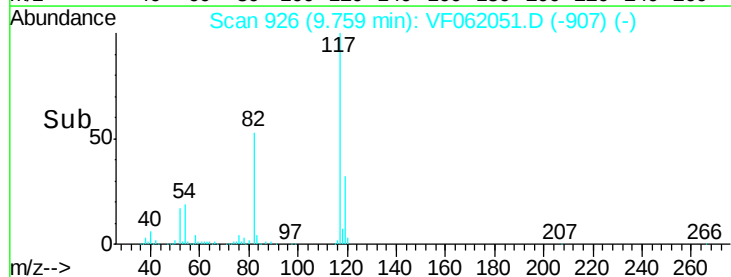
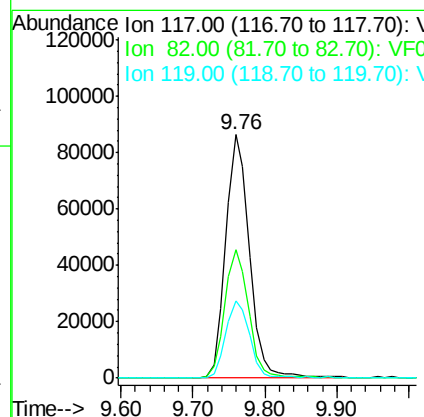
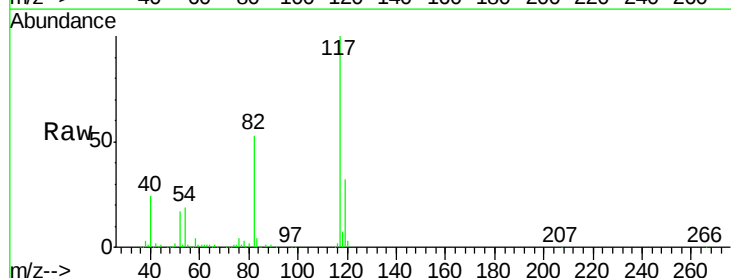
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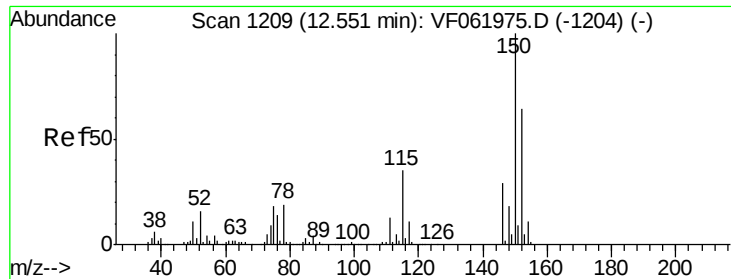
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF062051.D
Acq: 20 Mar 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	197408		
82	52.8	42.5	63.7	
119	31.8	25.4	38.0	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.01 min

Lab File: VF062051.D

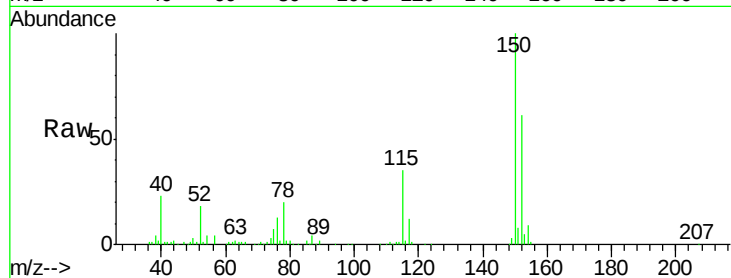
Acq: 20 Mar 2019 20:30

Instrument :

MSVOA_F

ClientSampleId :

SB-23(0.5-1.5)



Tot Ion:152 Resp: 63646

Ion Ratio Lower Upper

152 100

115 56.6 27.3 81.9

150 163.1 0.0 316.2

Manual Integrations

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