

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030519\
 Data File : VF061850.D
 Acq On : 5 Mar 2019 17:34
 Operator : VA/AP
 Sample : K1712-11
 Misc : 3.67g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 Z-2-2

Manual Integrations
 APPROVED

MMDadoda
 3/8/2019 12:12:17 AM

Quant Time: Mar 06 06:14:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	228316	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.60	114	346635	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.78	117	219835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	52276	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	82481	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
35) Dibromofluoromethane	4.11	113	121989	50.43	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.86%	
50) Toluene-d8	7.55	98	244918	34.06	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	68.12%	
62) 4-Bromofluorobenzene	11.41	95	64770	23.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.00%	
Target Compounds						
16) Acetone	2.24	43	19480	55.931	ug/l	93
20) Methylene Chloride	2.23	84	20353m	5.872	ug/l	

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

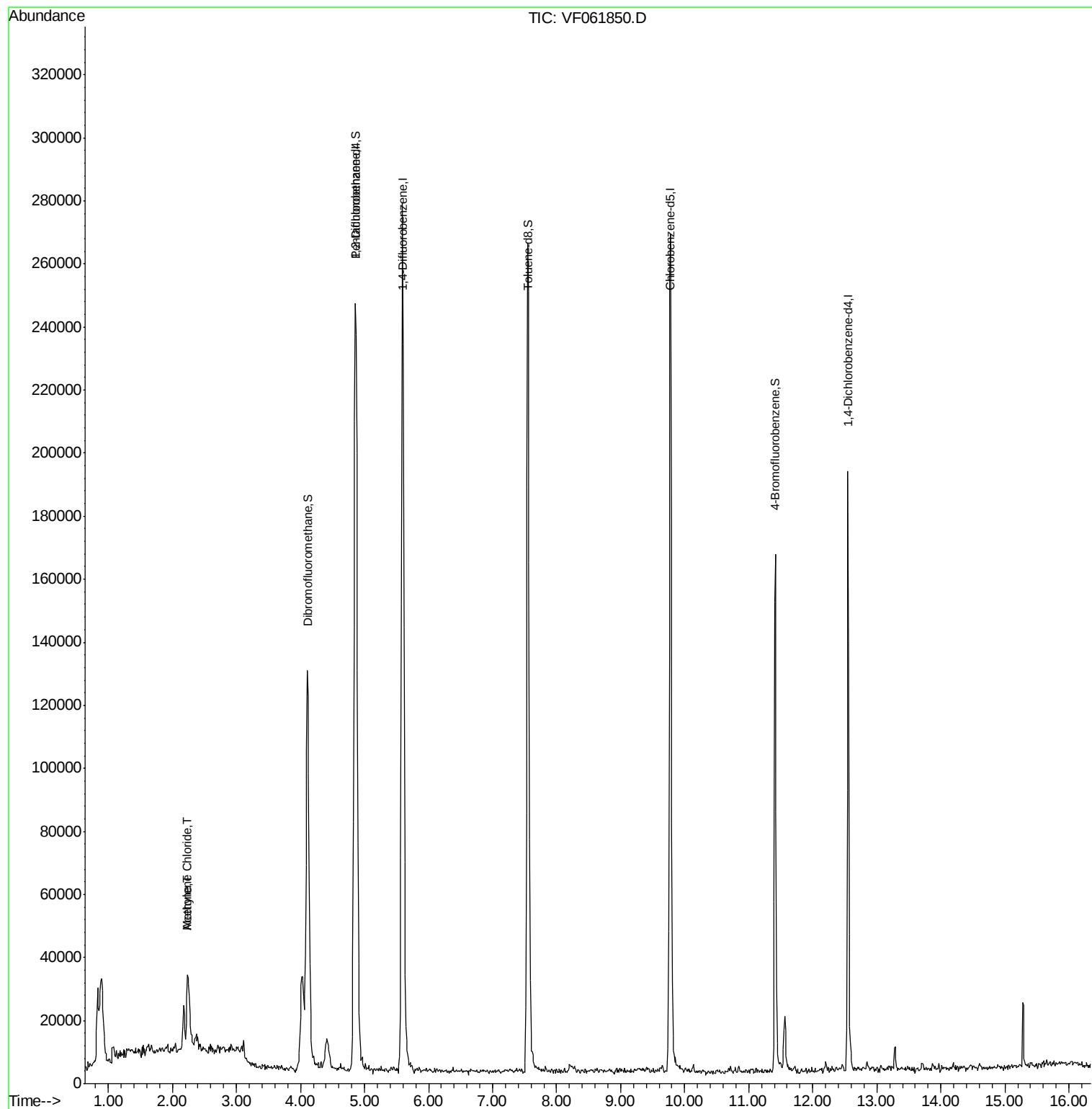
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF030519\
Data File : VF061850.D
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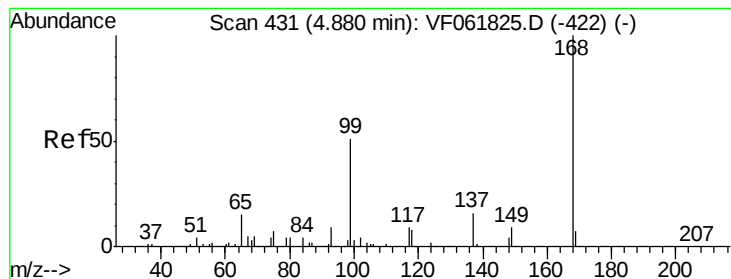
Instrument :
MSVOA_F
ClientSampleId :
Z-2-2

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3/8/2019 12:12:17 AM

Quant Time: Mar 06 06:14:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF061850.D

Acq: 5 Mar 2019 17:34

Instrument :

MSVOA_F

ClientSampled :

Z-2-2

Tot Ion:168 Resp: 228316

Ion Ratio Lower Upper

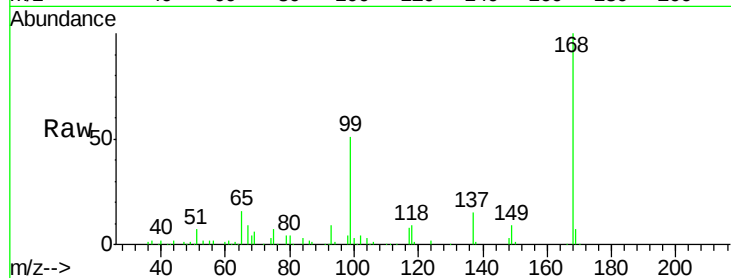
168 100

99 51.3 40.8 61.2

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

80000

60000

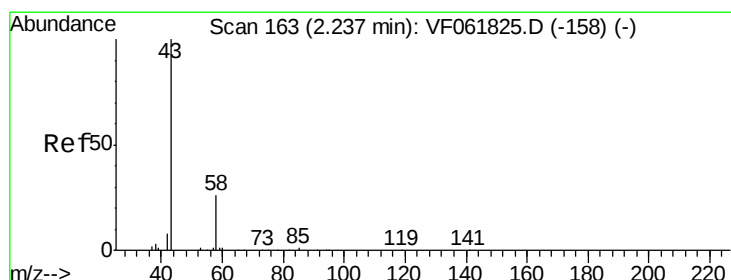
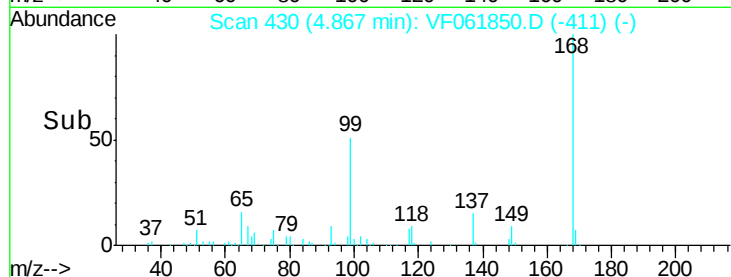
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 55.931 ug/l

RT: 2.24 min Scan# 164

Delta R.T. 0.01 min

Lab File: VF061850.D

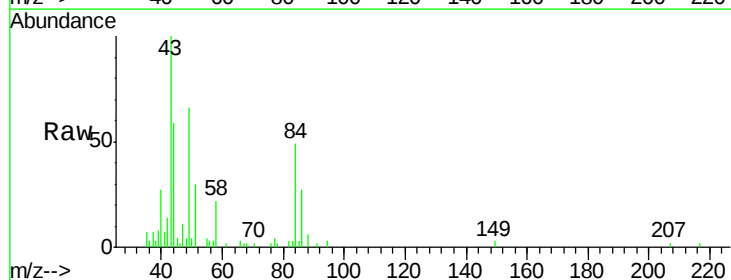
Acq: 5 Mar 2019 17:34

Tgt Ion: 43 Resp: 19480

Ion Ratio Lower Upper

43 100

58 22.1 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

6000

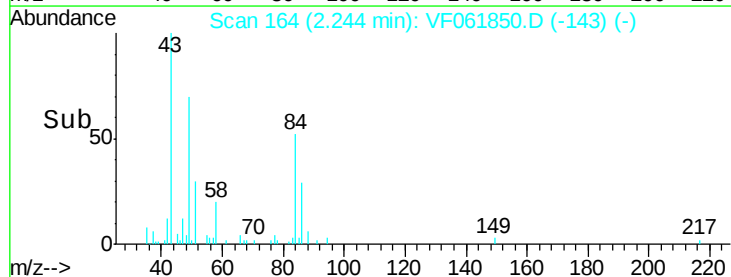
4000

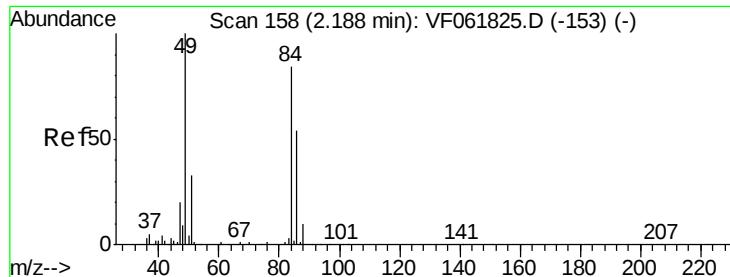
2000

0

Time-->

2.20 2.30





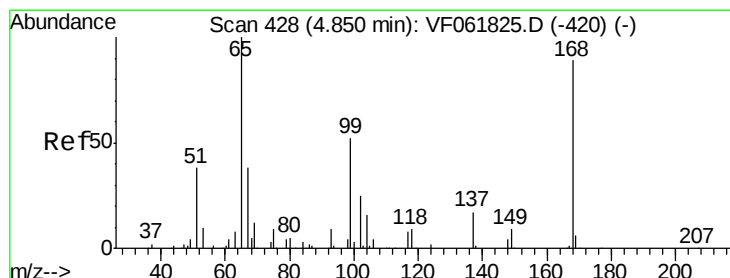
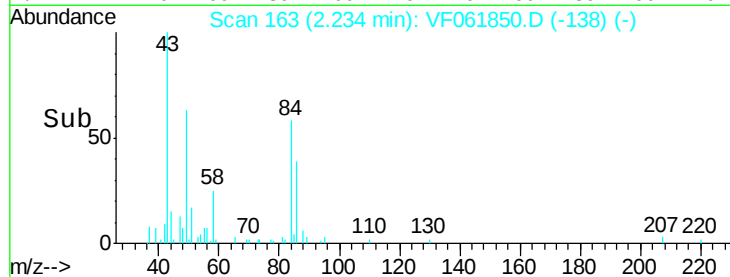
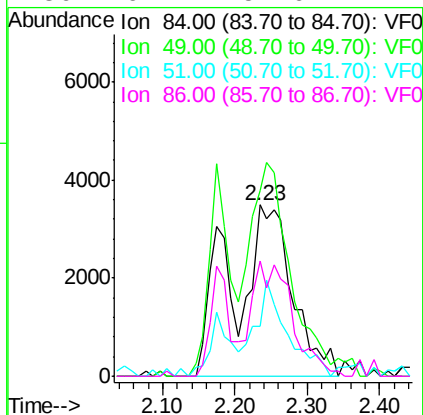
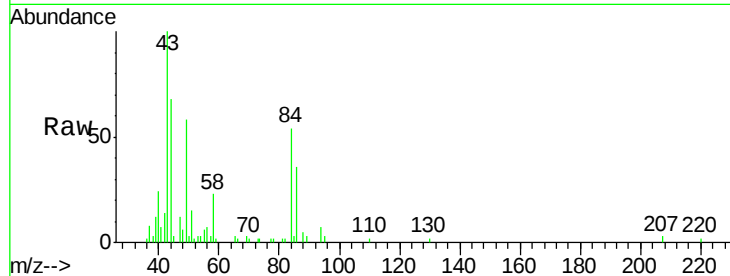
#20
Methvlene Chloride
Concen: 5.872 ug/l m
RT: 2.23 min Scan# 163
Delta R.T. 0.05 min
Lab File: VF061850.D
Acq: 5 Mar 2019 17:34

Instrument :
MSVOA_F
ClientSampleId :
Z-2-2

Tot Ion	Ratio	Lower	Upper
84	100		
49	108.1	96.8	145.2
51	28.9	31.8	47.6#
86	67.2	51.6	77.4

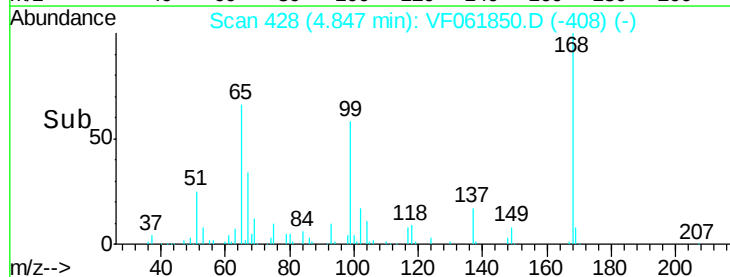
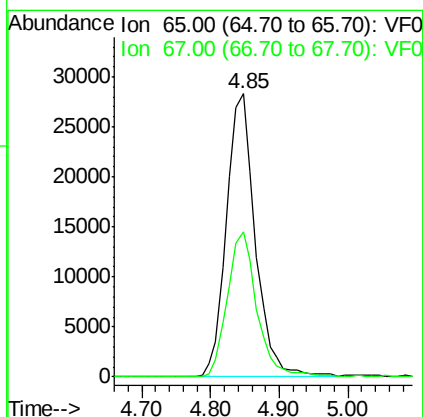
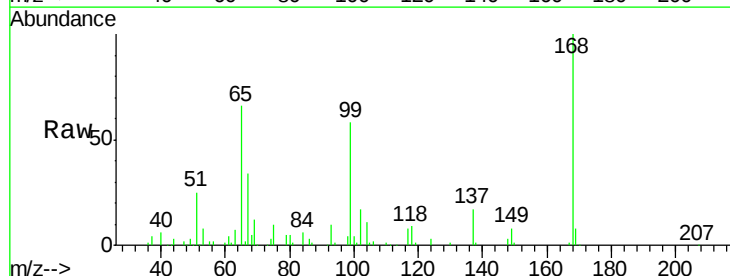
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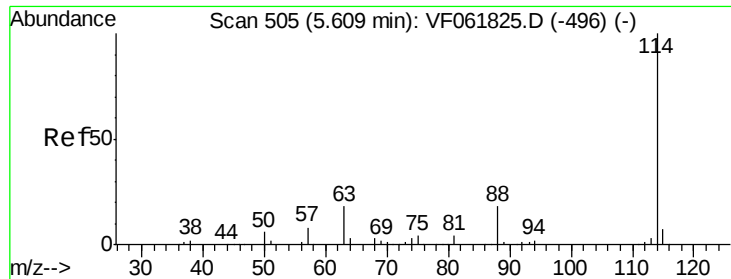
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#33
1,2-Dichloroethane-d4
Concen: 49.607 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.00 min
Lab File: VF061850.D
Acq: 5 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	108.6





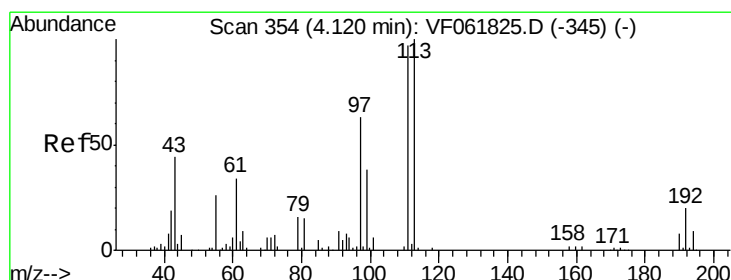
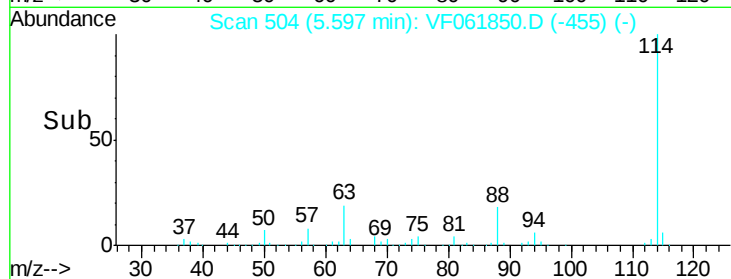
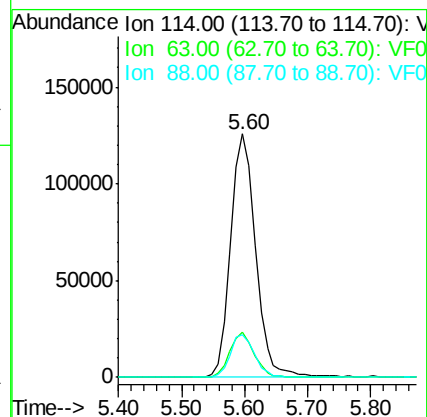
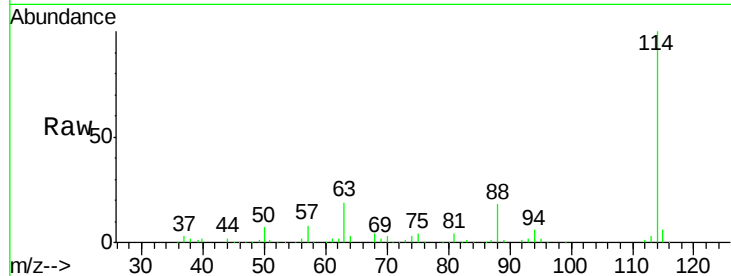
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: VF061850.D
 Acq: 5 Mar 2019 17:34

Instrument :
 MSVOA_F
 ClientSampleId :
 Z-2-2

Tot Ion	Ratio	Resp	Lower	Upper
114	100	346635		
63	18.8	0.0	35.6	
88	17.8	0.0	35.6	

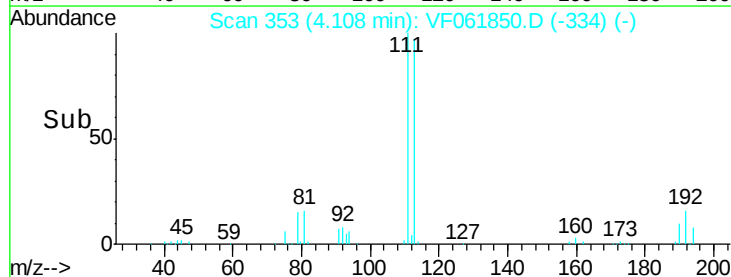
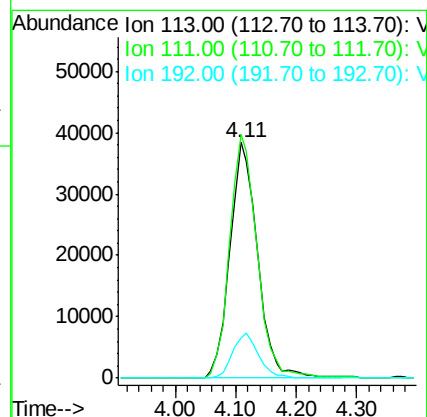
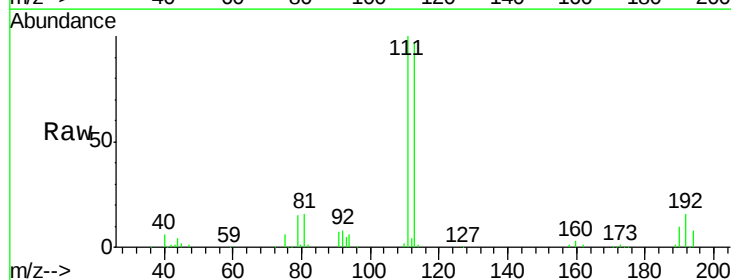
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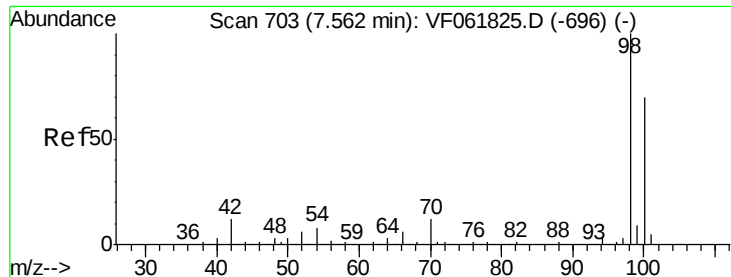
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#35
 Dibromofluoromethane
 Concen: 50.428 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VF061850.D
 Acq: 5 Mar 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	121989		
111	103.2	77.6	116.4	
192	16.9	15.9	23.9	





#50

Toluene-d8

Concen: 34.063 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF061850.D

Acq: 5 Mar 2019 17:34

Instrument :

MSVOA_F

ClientSampleId :

Z-2-2

Tot Ion: 98 Resp: 244918

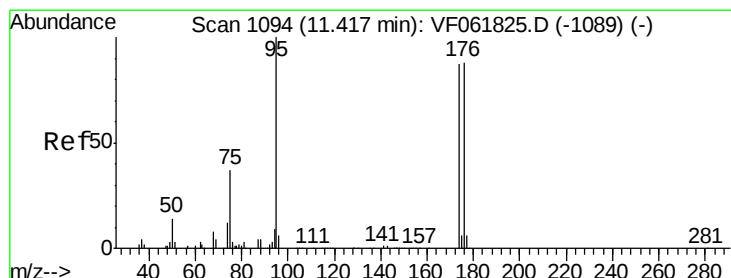
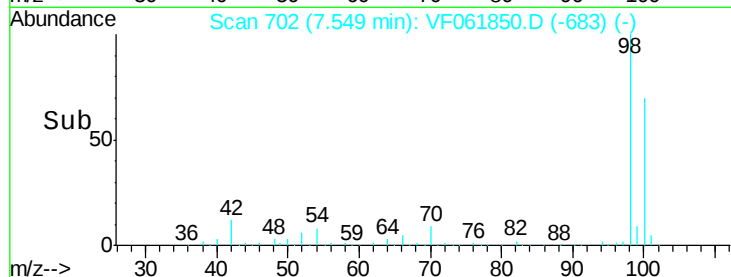
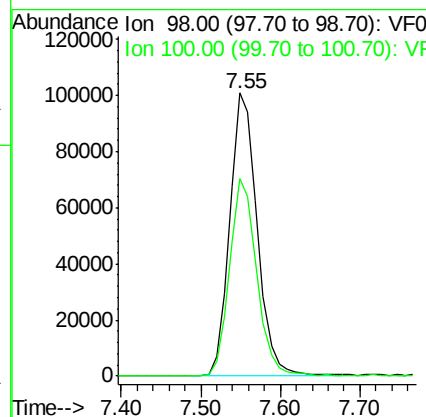
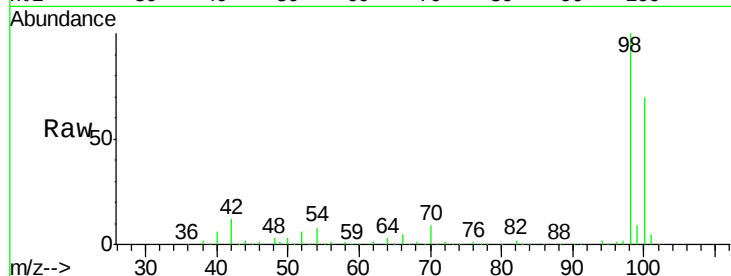
Ion Ratio Lower Upper

98 100

100 69.6 56.0 84.0

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#62

4-Bromofluorobenzene

Concen: 22.996 ug/l

RT: 11.41 min Scan# 1094

Delta R.T. -0.00 min

Lab File: VF061850.D

Acq: 5 Mar 2019 17:34

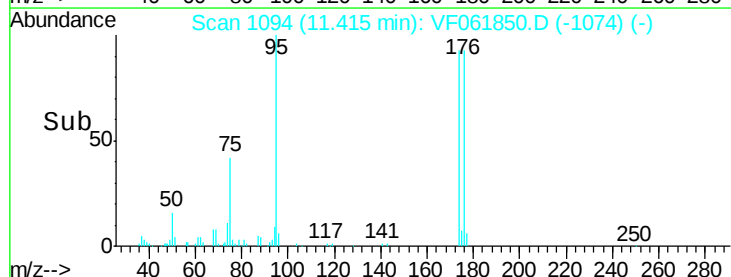
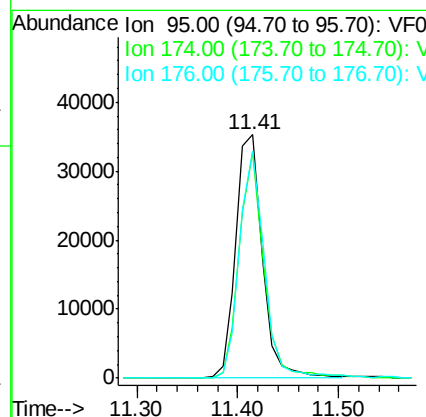
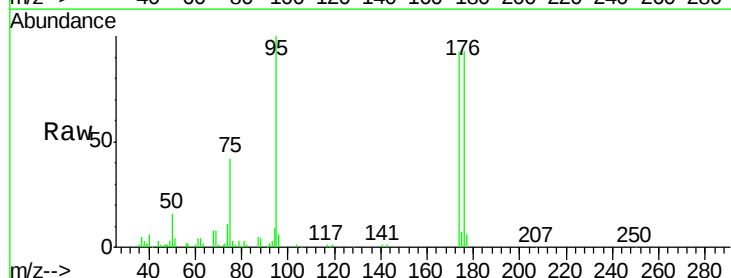
Tgt Ion: 95 Resp: 64770

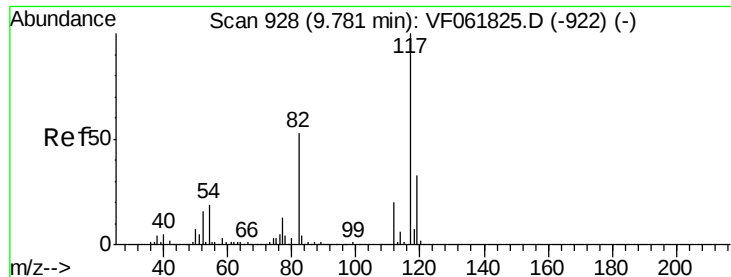
Ion Ratio Lower Upper

95 100

174 92.6 0.0 174.0

176 93.3 0.0 175.2





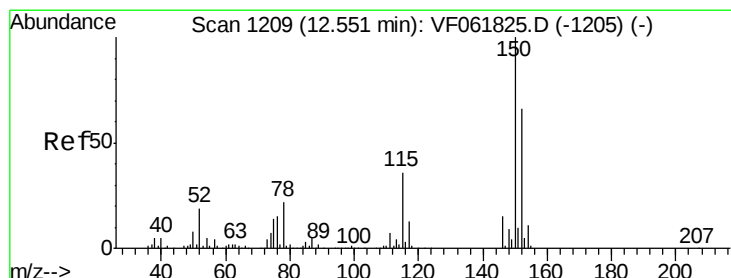
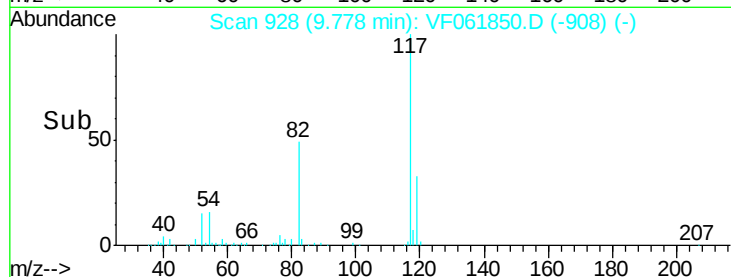
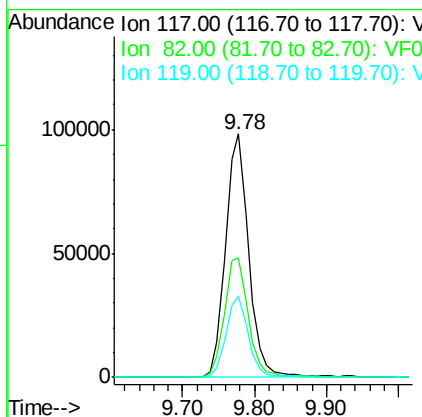
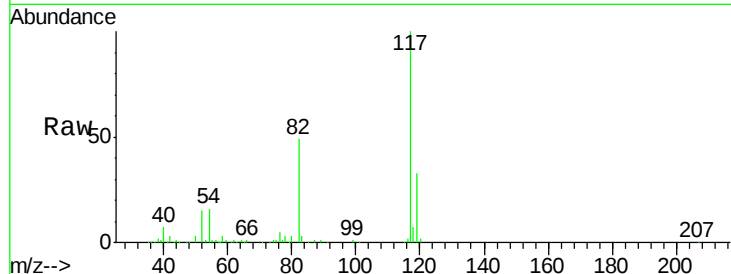
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.00 min
Lab File: VF061850.D
Acq: 5 Mar 2019 17:34

Instrument :
MSVOA_F
ClientSampleId :
Z-2-2

Tot Ion	Ratio	Resp	Lower	Upper
117	100	219835		
82	49.3		42.6	63.8
119	33.1		26.0	39.0

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.00 min
Lab File: VF061850.D
Acq: 5 Mar 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	52276		
115	54.5		27.7	83.1
150	157.6		0.0	304.2

