

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031519\
 Data File : VF061960.D
 Acq On : 15 Mar 2019 14:46
 Operator : VA/AP
 Sample : K1928-03
 Misc : 6.23g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-MW-6(1.5-2)

Manual Integrations
 APPROVED

MMDadoda
 3/17/2019 5:22:20 AM

Quant Time: Mar 16 00:02:07 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	4.88	168	245654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	384616	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	315089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	161967	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	98168	54.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.74%	
35) Dibromofluoromethane	4.12	113	128869	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
50) Toluene-d8	7.56	98	328473	41.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.34%	
62) 4-Bromofluorobenzene	11.42	95	143690	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
Target Compounds						
16) Acetone	2.24	43	12772	34.083	ug/l #	87
20) Methylene Chloride	2.27	84	21514m	5.666	ug/l	

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

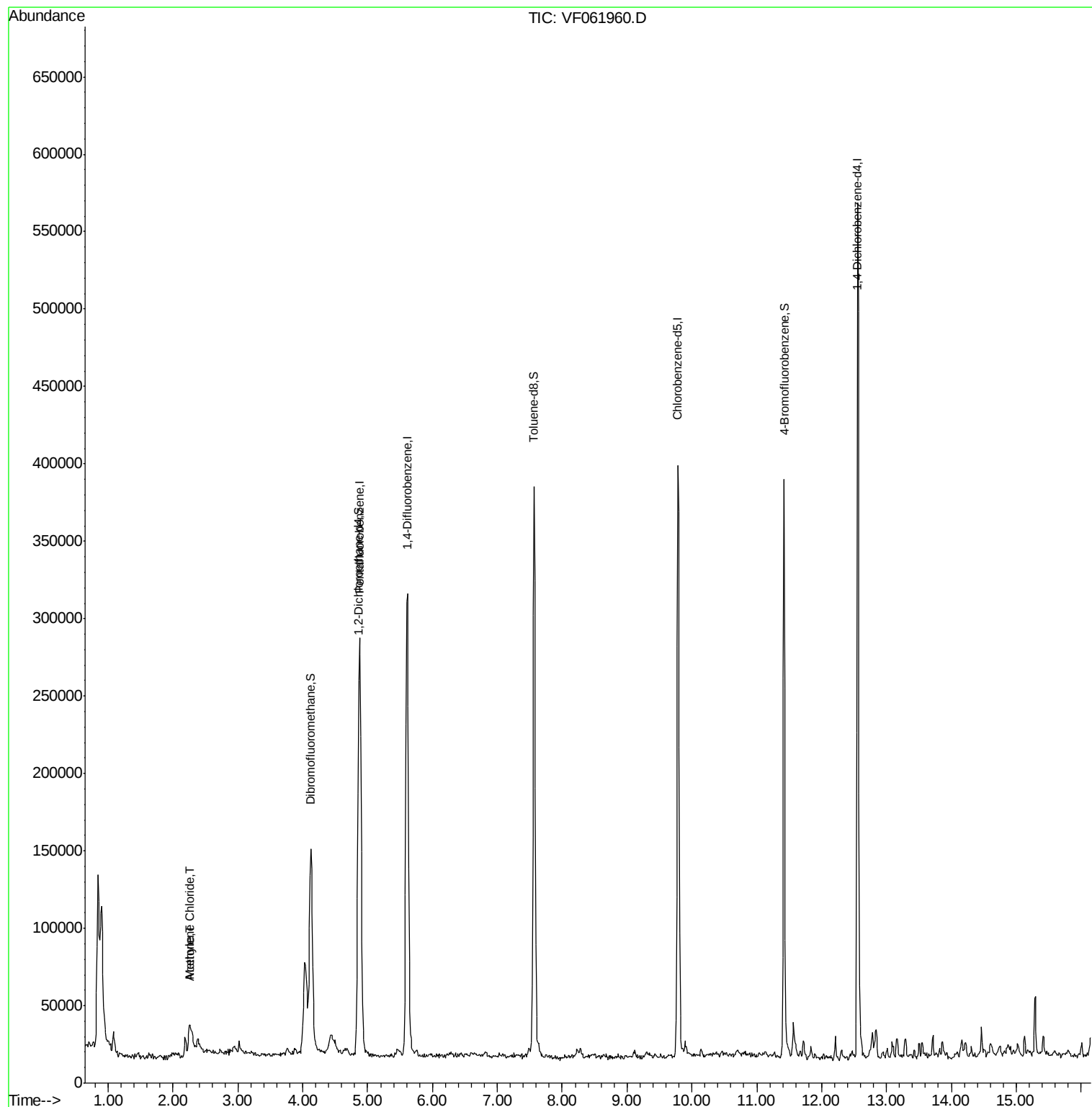
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031519\
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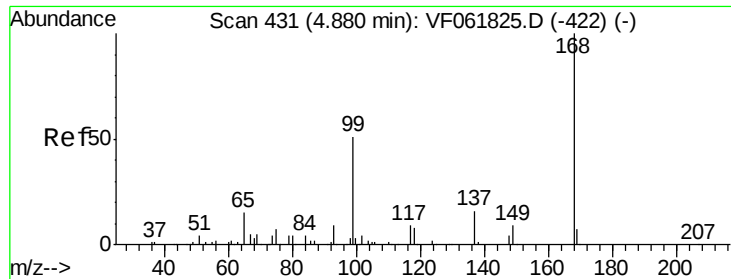
Instrument :
MSVOA_F
ClientSampleId :
SB-MW-6(1.5-2)

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3/17/2019 5:22:20 AM

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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: 4.88 min Scan# 431

Delta R.T. 0.00 min

Lab File: VF061960.D

Acq: 15 Mar 2019 14:46

Instrument :

MSVOA_F

ClientSampleId :

SB-MW-6(1.5-2)

Tot Ion:168 Resp: 245654

Ion Ratio Lower Upper

168 100

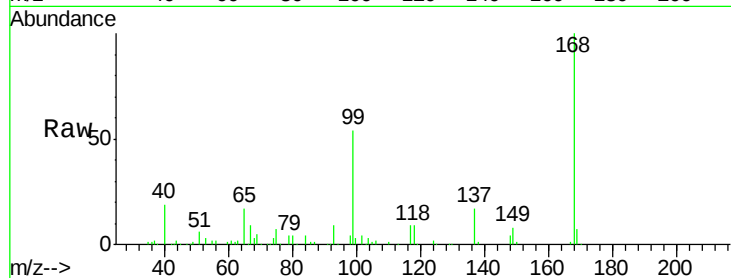
99 54.2 40.8 61.2

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

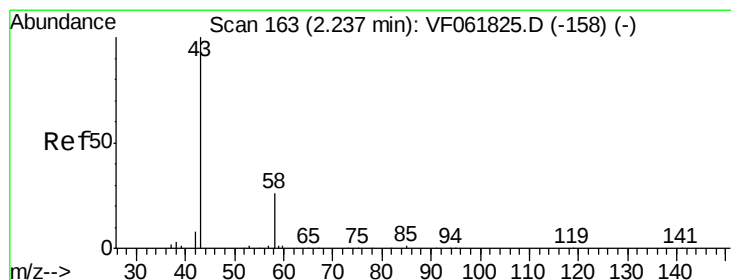
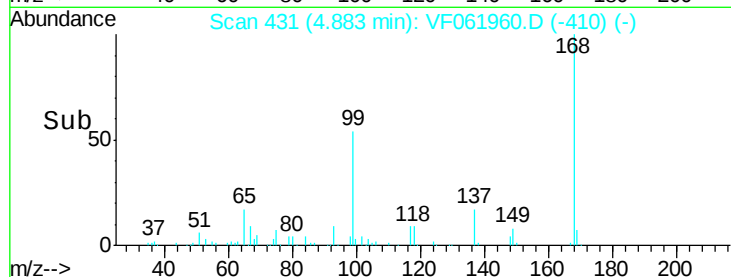
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 34.083 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF061960.D

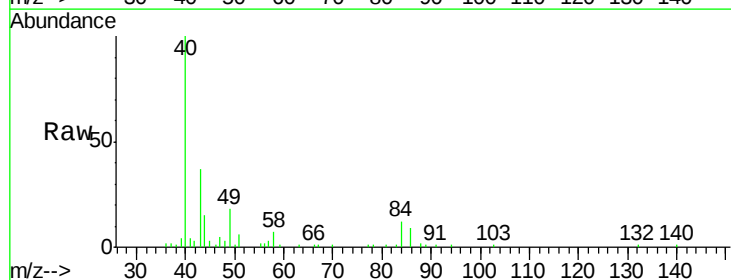
Acq: 15 Mar 2019 14:46

Tgt Ion: 43 Resp: 12772

Ion Ratio Lower Upper

43 100

58 18.8 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

5000

4000

3000

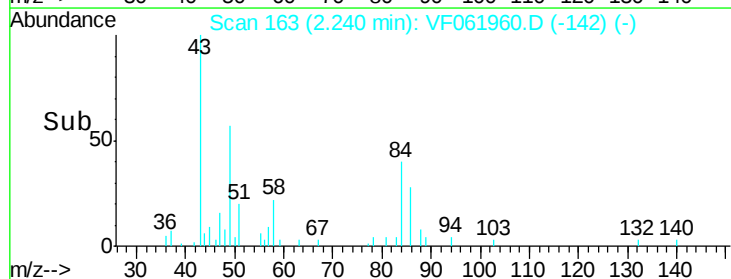
2000

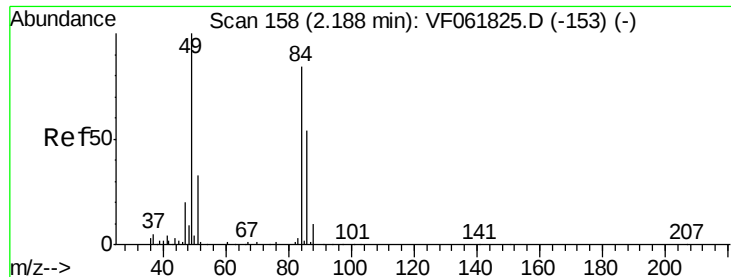
1000

0

Time-->

2.20 2.25 2.30 2.35





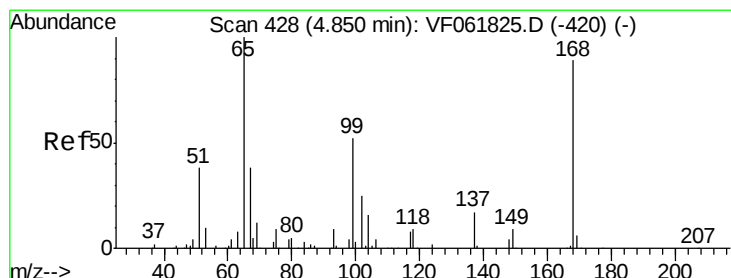
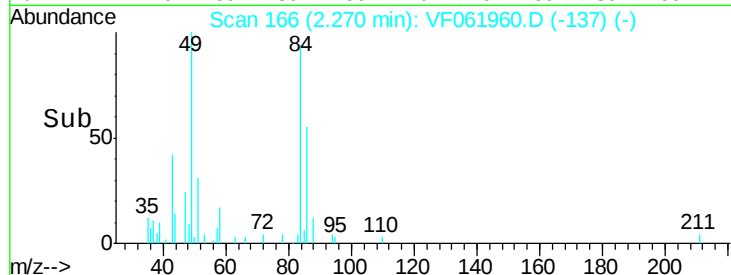
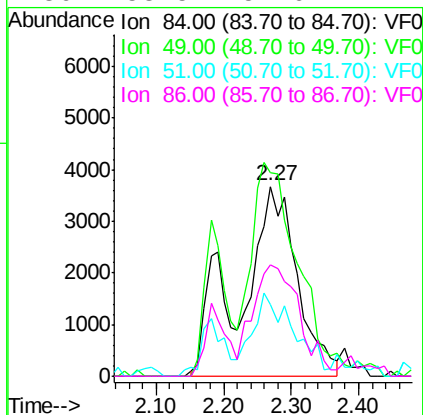
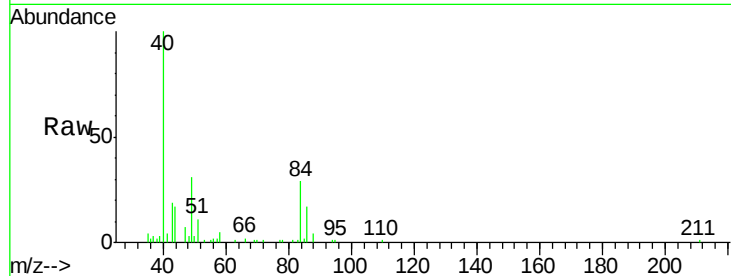
#20
Methvlene Chloride
Concen: 5.666 ug/l m
RT: 2.27 min Scan# 166
Delta R.T. 0.08 min
Lab File: VF061960.D
Acq: 15 Mar 2019 14:46

Instrument :
MSVOA_F
ClientSampleId :
SB-MW-6(1.5-2)

Tot Ion:	84	Resp:	21514
Ion	Ratio	Lower	Upper
84	100		
49	106.9	96.8	145.2
51	38.0	31.8	47.6
86	58.5	51.6	77.4

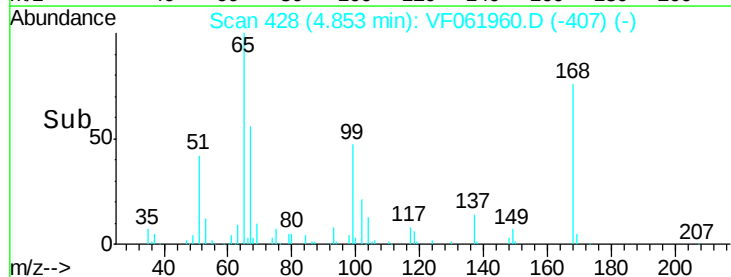
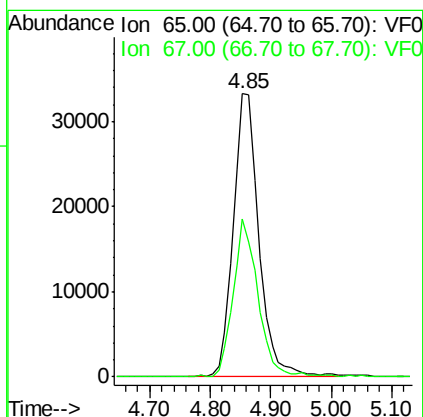
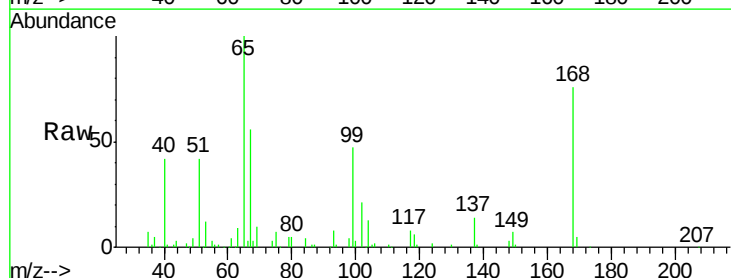
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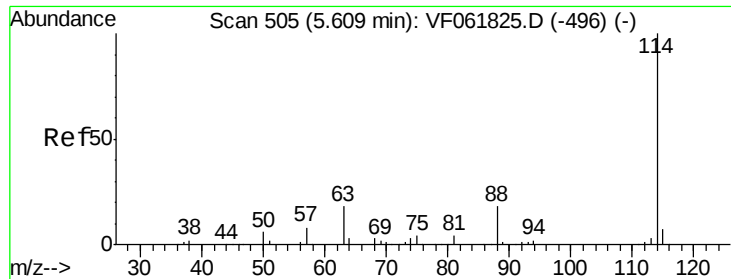
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#33
1,2-Dichloroethane-d4
Concen: 54.874 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.00 min
Lab File: VF061960.D
Acq: 15 Mar 2019 14:46

Tgt Ion:	65	Resp:	98168
Ion	Ratio	Lower	Upper
65	100		
67	55.8	0.0	108.6





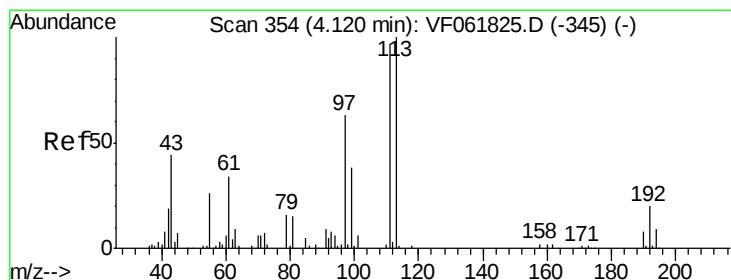
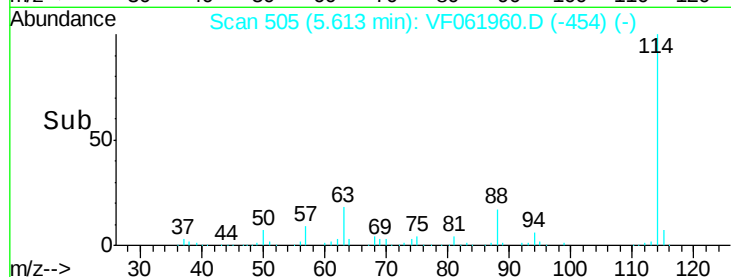
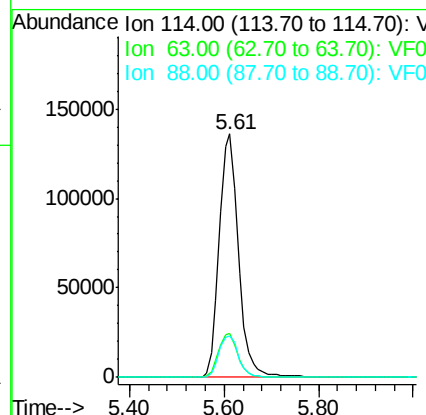
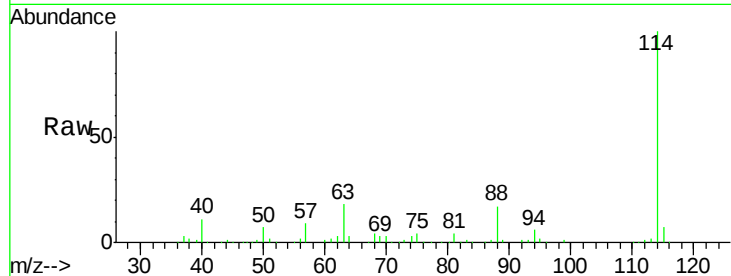
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: VF061960.D
 Acq: 15 Mar 2019 14:46

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-MW-6(1.5-2)

Tot Ion	Ratio	Resp	Lower	Upper
114	100	384616		
63	18.1	0.0	35.6	
88	16.8	0.0	35.6	

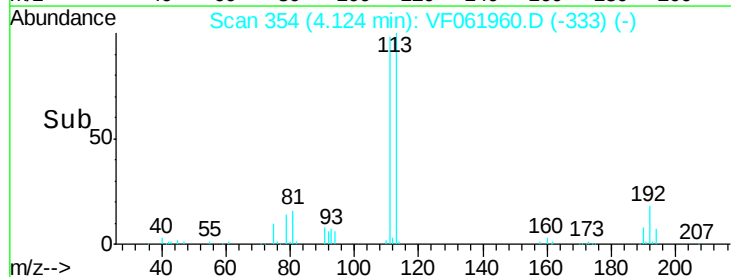
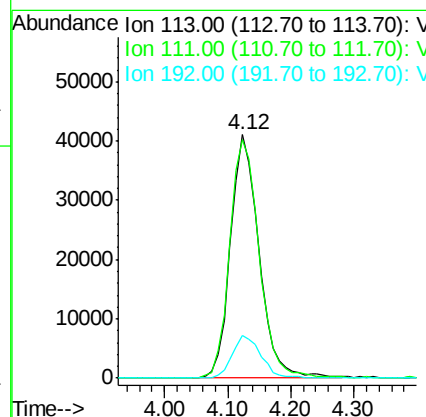
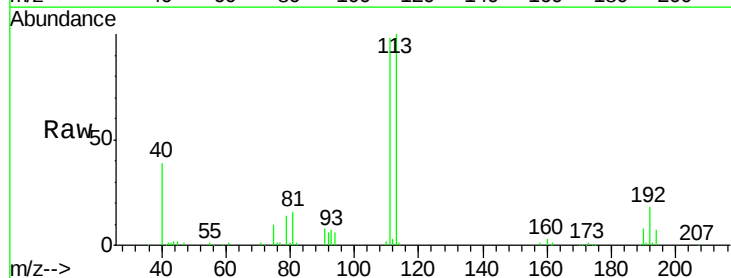
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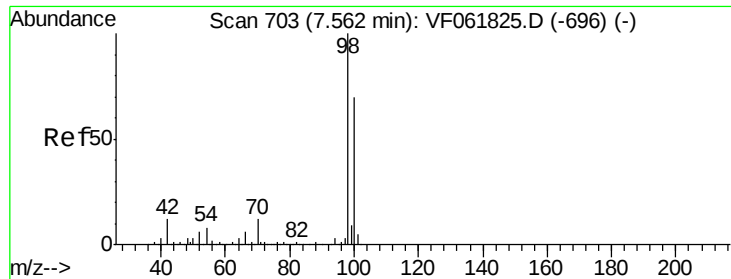
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#35
 Dibromofluoromethane
 Concen: 48.012 ug/l
 RT: 4.12 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VF061960.D
 Acq: 15 Mar 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	128869		
111	97.7	77.6	116.4	
192	18.2	15.9	23.9	





#50

Toluene-d8

Concen: 41.172 ug/l

RT: 7.56 min Scan# 703

Delta R.T. 0.00 min

Lab File: VF061960.D

Acq: 15 Mar 2019 14:46

Instrument :

MSVOA_F

ClientSampleId :

SB-MW-6(1.5-2)

Tot Ion: 98 Resp: 328473

Ion Ratio Lower Upper

98 100

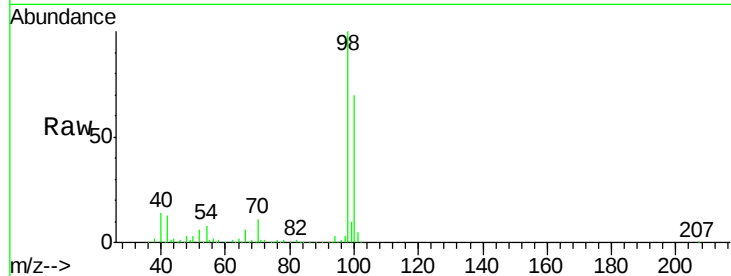
100 70.4 56.0 84.0

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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.56

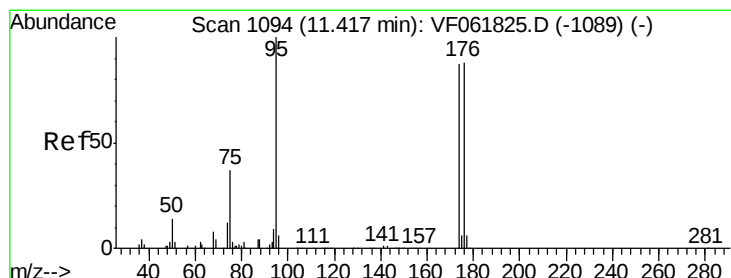
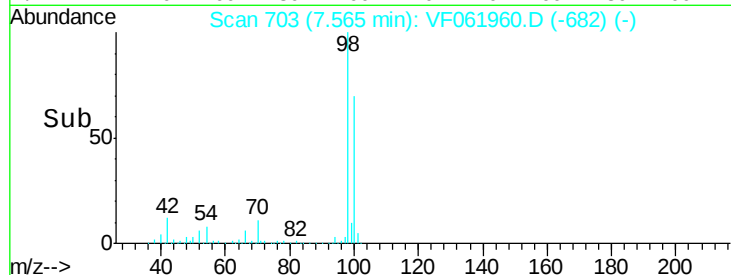
150000

100000

50000

0

Time--> 7.40 7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 45.978 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF061960.D

Acq: 15 Mar 2019 14:46

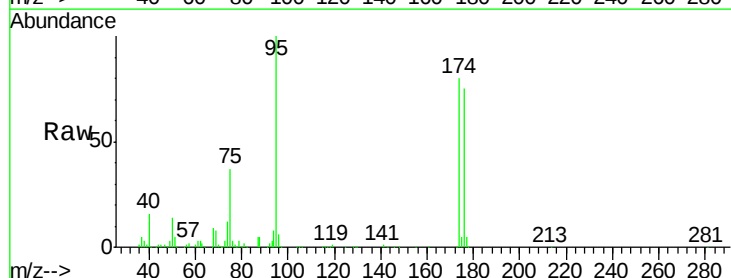
Tgt Ion: 95 Resp: 143690

Ion Ratio Lower Upper

95 100

174 80.4 0.0 174.0

176 75.0 0.0 175.2



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

11.42

120000

100000

80000

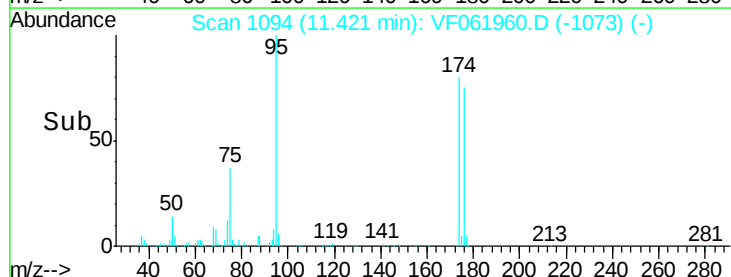
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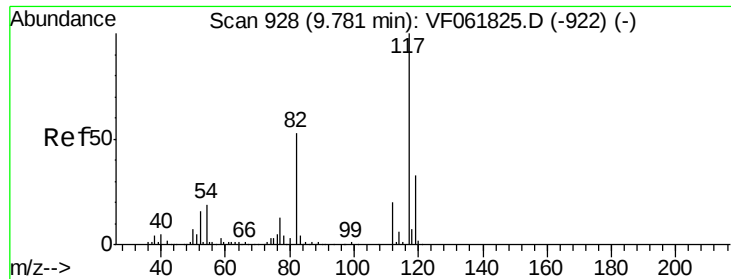
40000

20000

0

Time--> 11.30 11.40 11.50 11.60





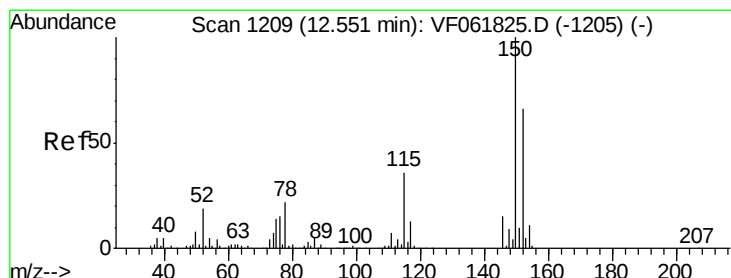
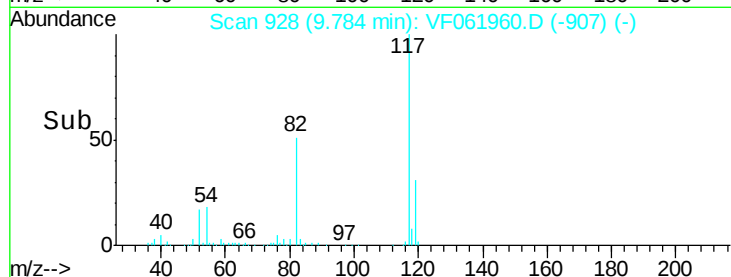
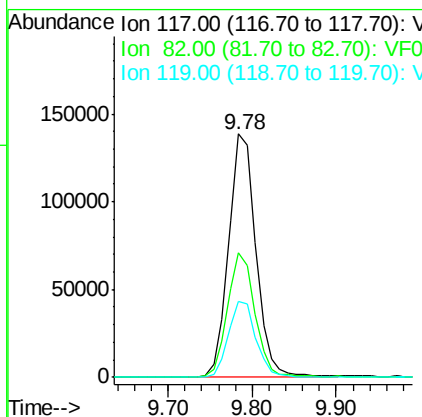
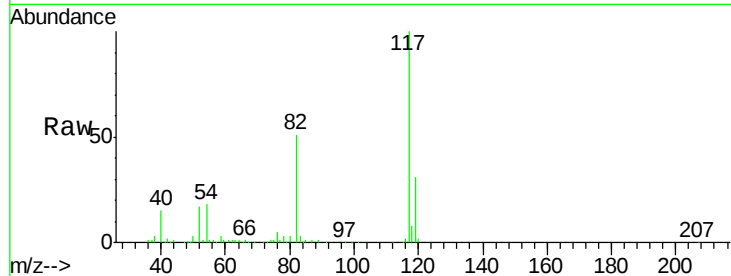
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF061960.D
Acq: 15 Mar 2019 14:46

Instrument :
MSVOA_F
ClientSampleId :
SB-MW-6(1.5-2)

Tot Ion	Ratio	Resp	Lower	Upper
117	100	315089		
82	51.4	42.6	63.8	
119	31.3	26.0	39.0	

Manual Integrations
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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: VF061960.D
Acq: 15 Mar 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	161967		
115	57.8	27.7	83.1	
150	156.7	0.0	304.2	

