

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032219\
 Data File : VF062105.D
 Acq On : 23 Mar 2019 4:25
 Operator : VA/AP
 Sample : K2058-05
 Misc : 5.80g/5mL/MSVOA-F/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S3B(15)

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 11:57:29 AM

Quant Time: Mar 23 07:02:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	242967	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.61	114	402743	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.79	117	344897	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	182405	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	93651	51.82	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	103.64%	
35) Dibromofluoromethane	4.13	113	134912	49.52	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	99.04%	
50) Toluene-d8	7.57	98	340697	41.89	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	83.78%	
62) 4-Bromofluorobenzene	11.42	95	144900	46.15	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	92.30%	
Target Compounds						
16) Acetone	2.25	43	15848	41.666	ug/l	96
20) Methylene Chloride	2.26	84	53922m	21.765	ug/l	

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

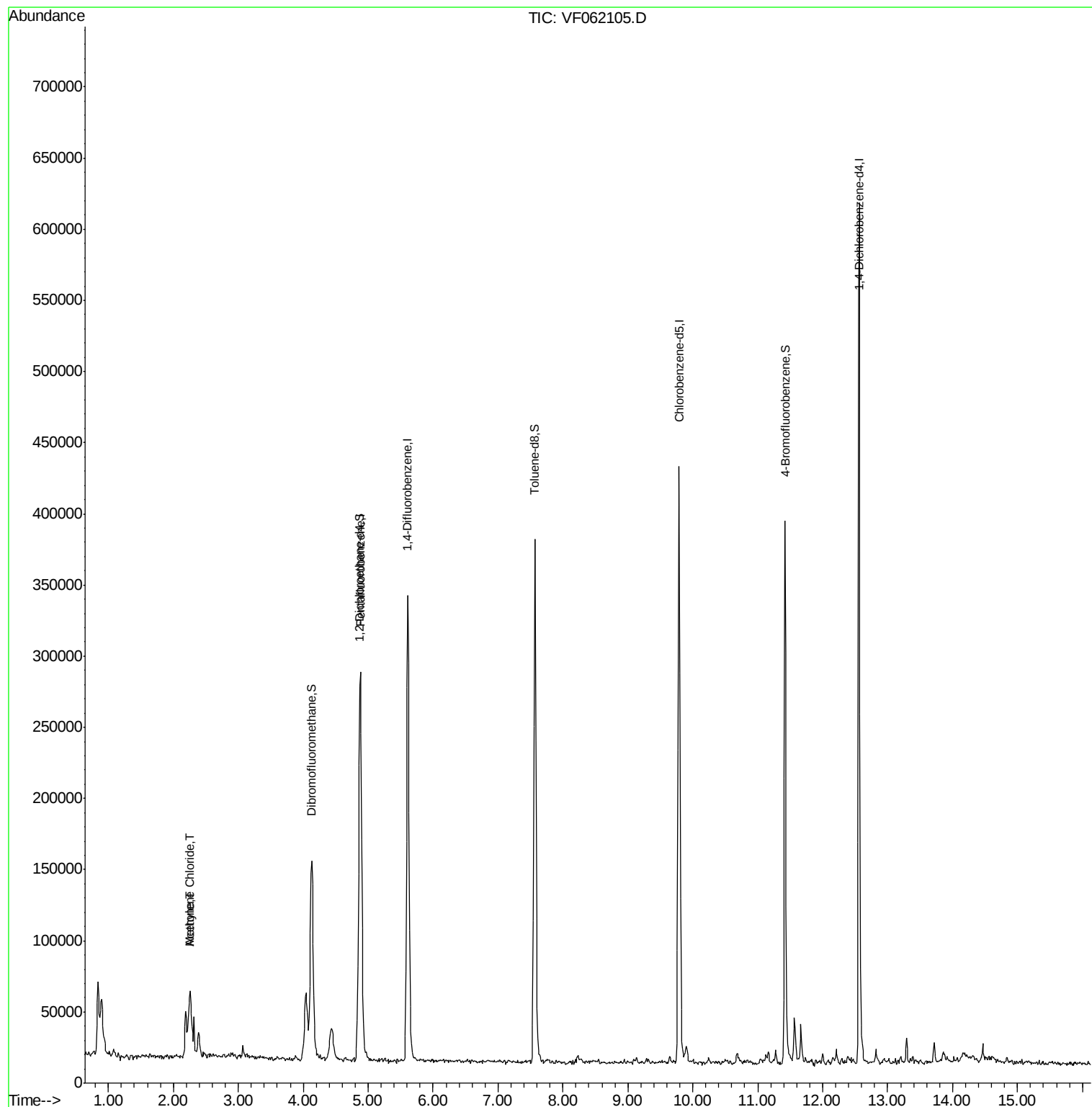
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032219\
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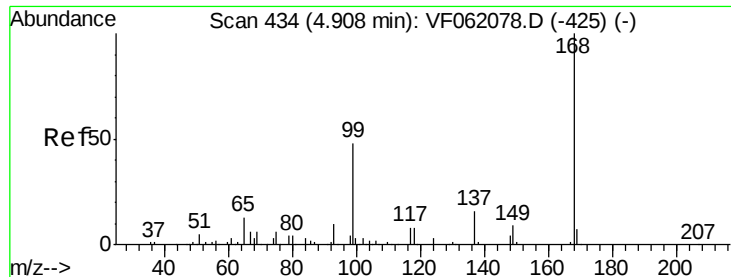
Instrument :
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Quant Title : SW846 8260
QLast Update : Sat Mar 23 01:16:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.03 min

Lab File: VF062105.D

Acq: 23 Mar 2019 4:25

Instrument :

MSVOA_F

ClientSampleId :

S3B(15)

Tot Ion:168 Resp: 242967

Ion Ratio Lower Upper

168 100

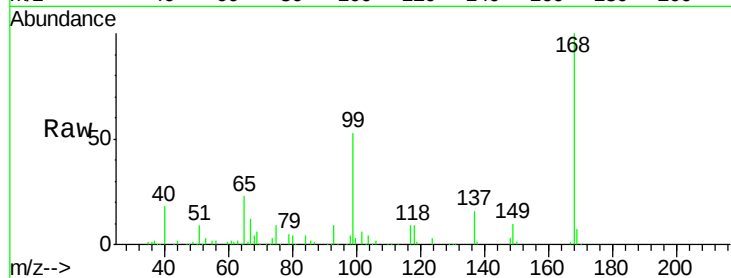
99 53.3 38.2 57.4

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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

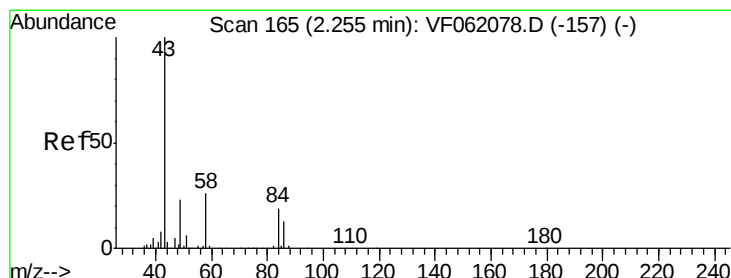
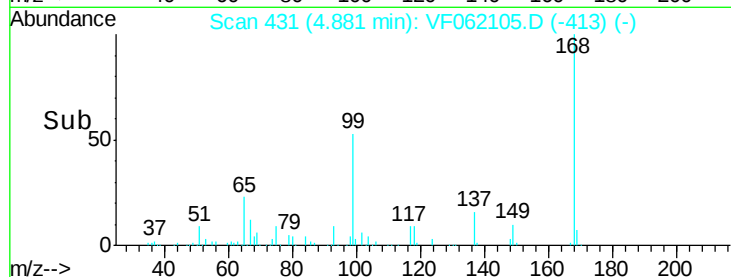
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 41.666 ug/l

RT: 2.25 min Scan# 164

Delta R.T. -0.01 min

Lab File: VF062105.D

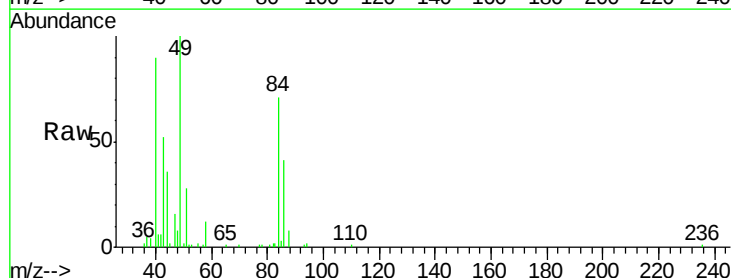
Acq: 23 Mar 2019 4:25

Tgt Ion: 43 Resp: 15848

Ion Ratio Lower Upper

43 100

58 24.0 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.25

6000

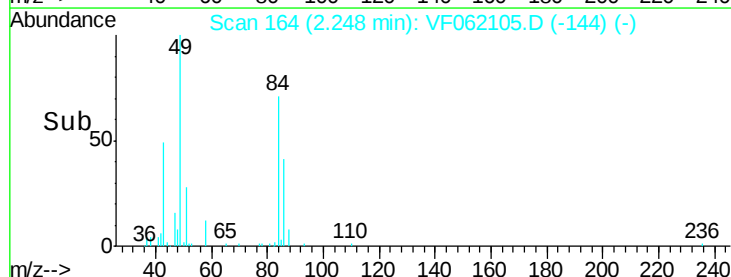
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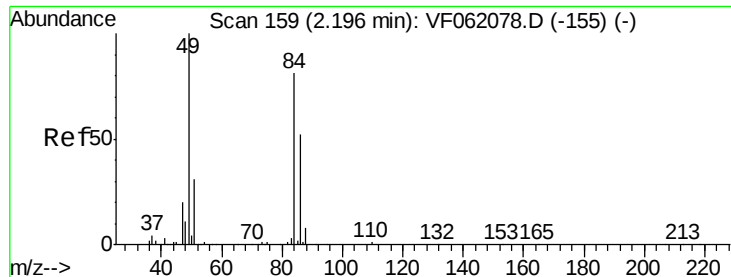
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Time-->

2.10 2.20 2.30 2.40





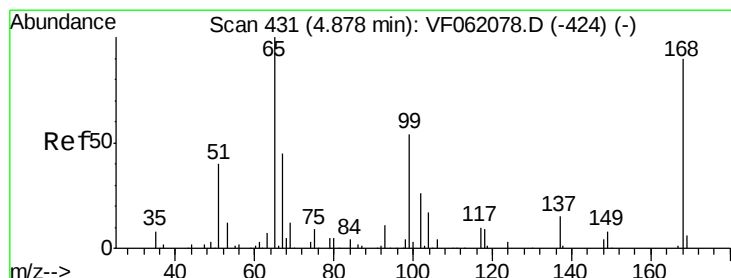
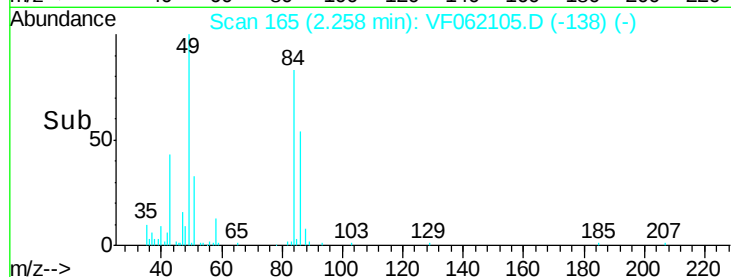
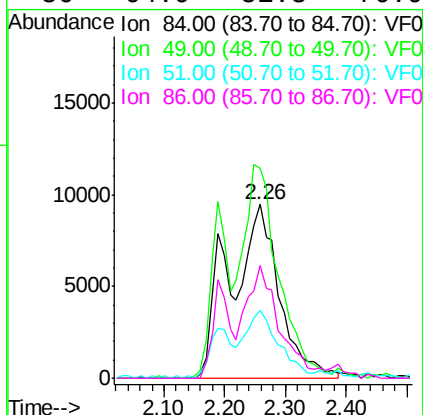
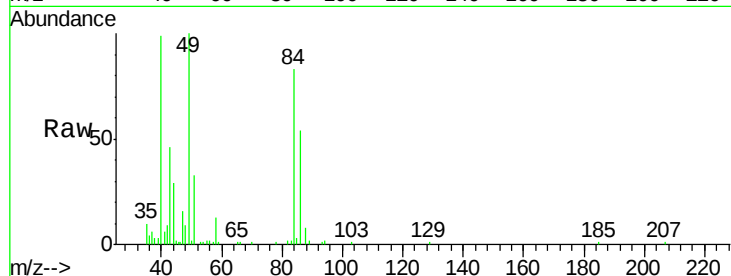
#20
Methvlene Chloride
Concen: 21.765 ug/l m
RT: 2.26 min Scan# 165
Delta R.T. 0.06 min
Lab File: VF062105.D
Acq: 23 Mar 2019 4:25

Instrument :
MSVOA_F
ClientSampleId :
S3B(15)

Tot Ion	84.00 (83.70 to 84.70): VF0	Resp	53922
Ion	Ratio	Lower	Upper
84	100		
49	120.9	100.4	150.6
51	39.4	31.0	46.6
86	64.9	51.3	76.9

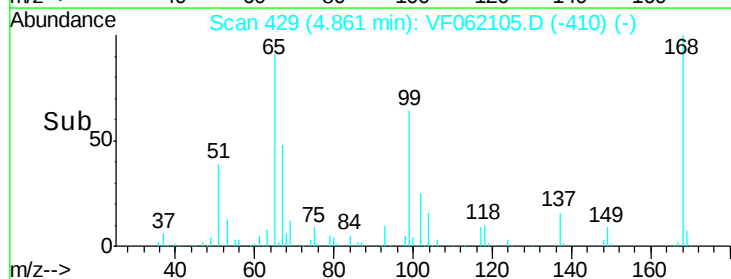
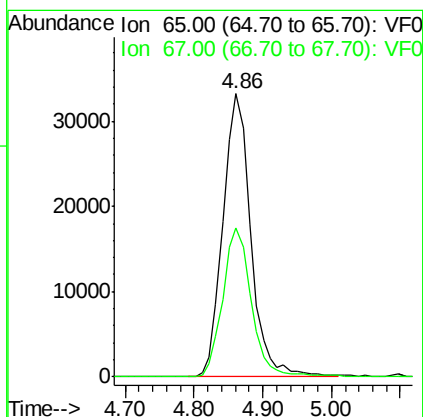
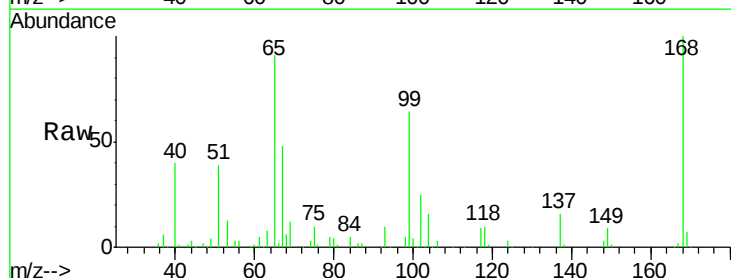
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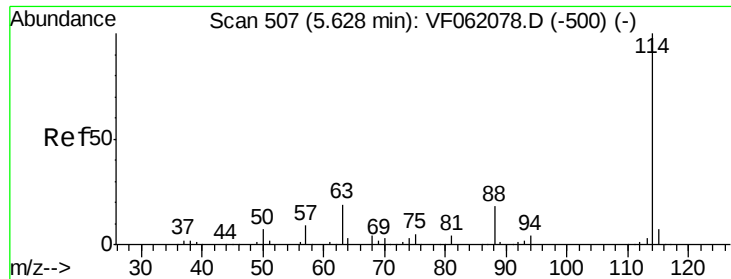
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#33
1,2-Dichloroethane-d4
Concen: 51.821 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.02 min
Lab File: VF062105.D
Acq: 23 Mar 2019 4:25

Tgt Ion	65.00 (64.70 to 65.70): VF0	Resp	93651
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	106.2





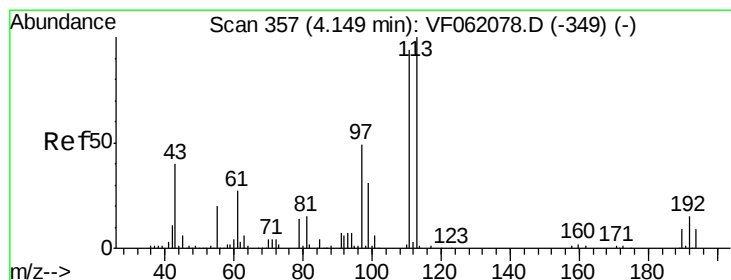
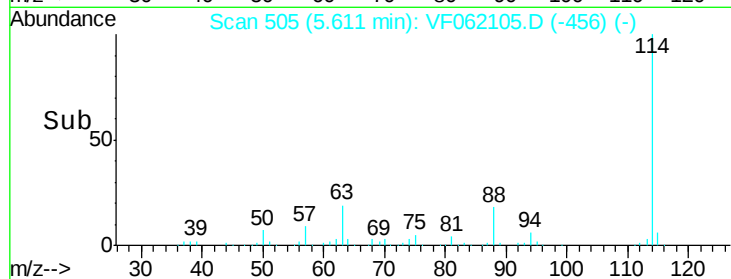
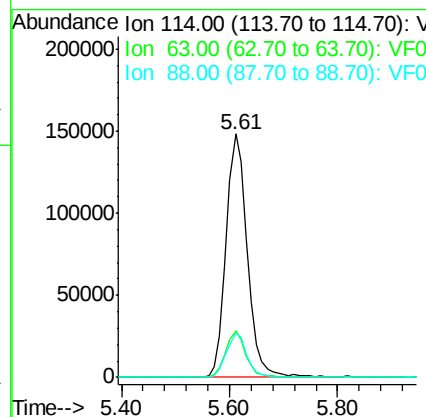
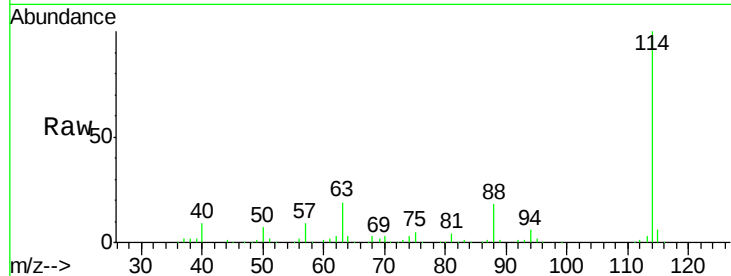
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: VF062105.D
 Acq: 23 Mar 2019 4:25

Instrument :
 MSVOA_F
 ClientSampleId :
 S3B(15)

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	18.9	0.0	37.8
88	18.2	0.0	36.4

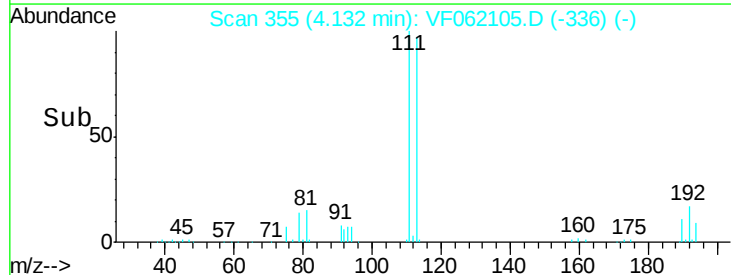
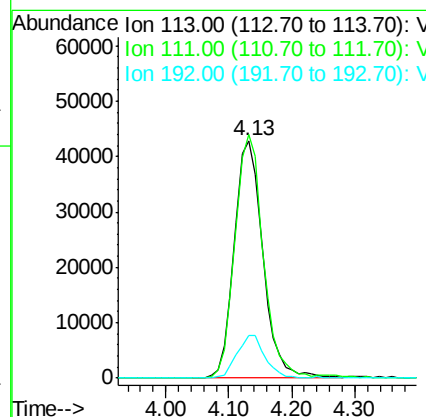
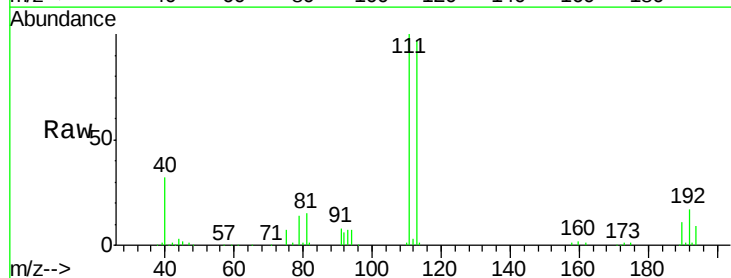
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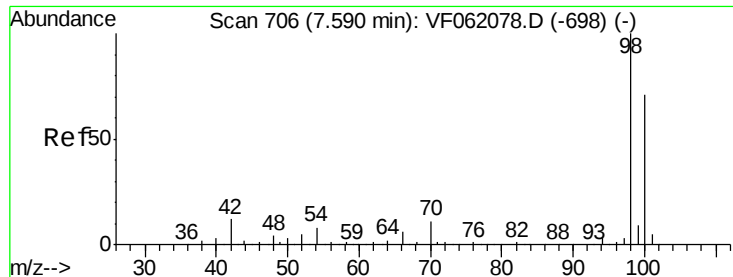
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#35
 Dibromofluoromethane
 Concen: 49.520 ug/l
 RT: 4.13 min Scan# 355
 Delta R.T. -0.02 min
 Lab File: VF062105.D
 Acq: 23 Mar 2019 4:25

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.6	75.4	113.0
192	18.5	12.3	18.5





#50

Toluene-d8

Concen: 41.894 ug/l

RT: 7.57 min Scan# 704

Delta R.T. -0.02 min

Lab File: VF062105.D

Acq: 23 Mar 2019 4:25

Instrument :

MSVOA_F

ClientSampleId :

S3B(15)

Tot Ion: 98 Resp: 340697

Ion Ratio Lower Upper

98 100

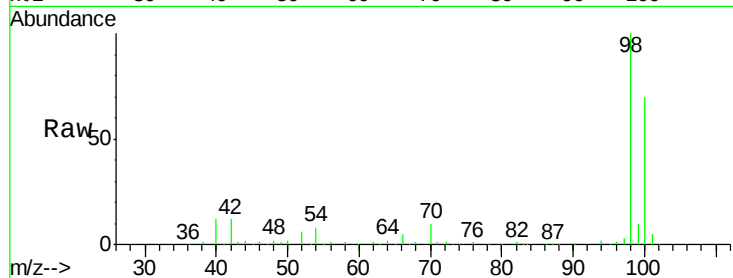
100 70.5 57.0 85.6

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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

150000

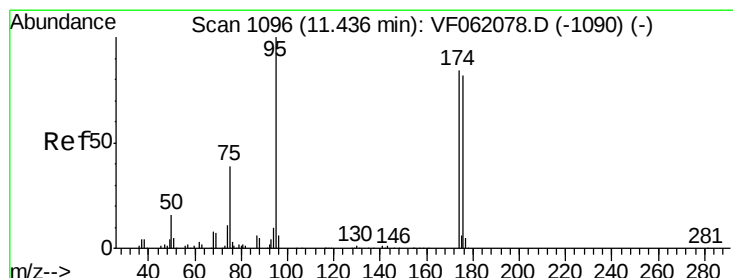
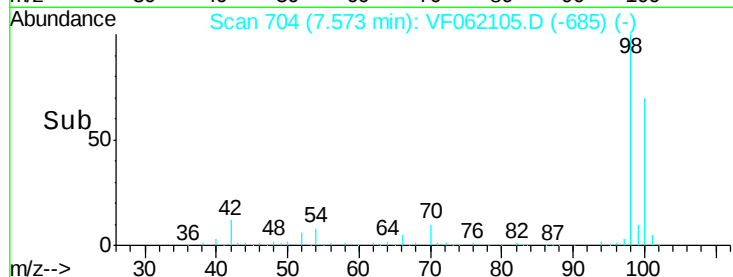
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50000

0

7.40 7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 46.153 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. -0.02 min

Lab File: VF062105.D

Acq: 23 Mar 2019 4:25

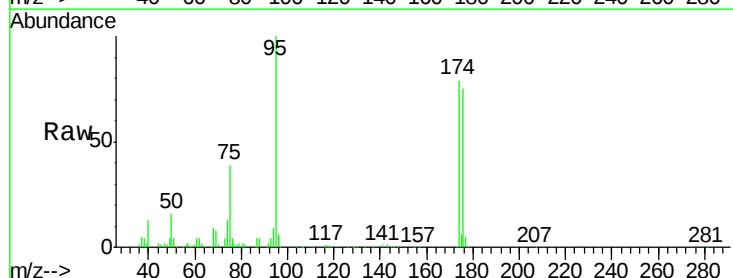
Tgt Ion: 95 Resp: 144900

Ion Ratio Lower Upper

95 100

174 79.4 0.0 168.2

176 74.8 0.0 164.2



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

120000

100000

80000

60000

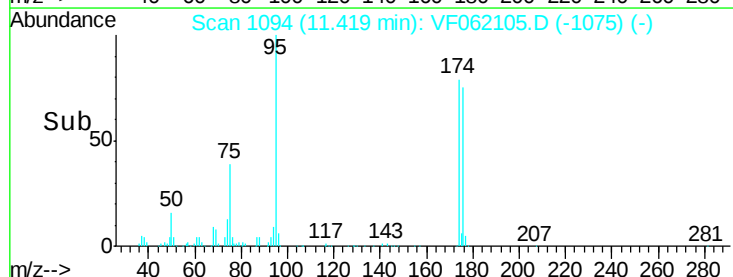
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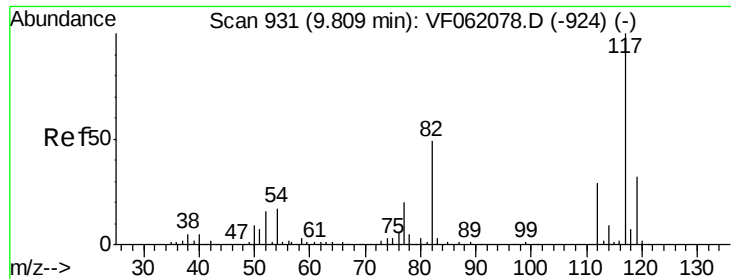
20000

0

11.30 11.40 11.50

Time-->





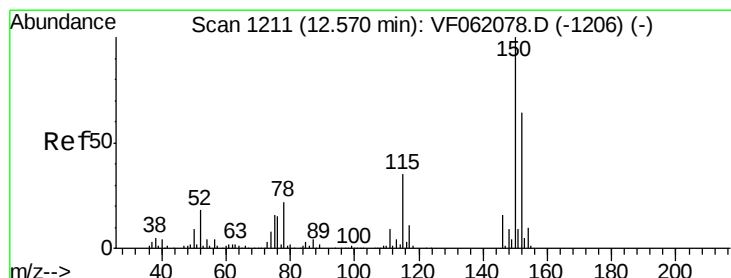
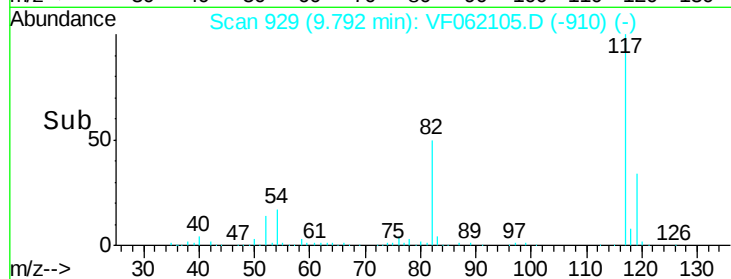
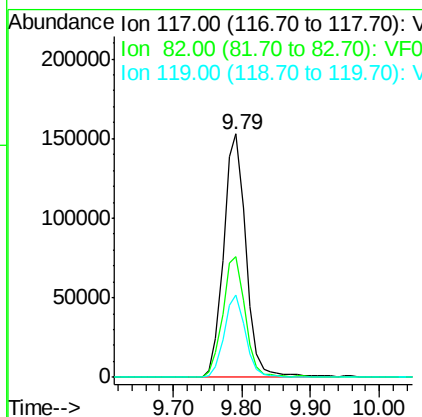
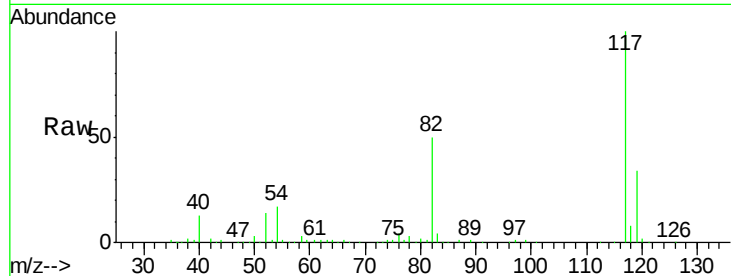
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF062105.D
Acq: 23 Mar 2019 4:25

Instrument :
MSVOA_F
ClientSampleId :
S3B(15)

Tot Ion	Ratio	Resp	Lower	Upper
117	100	344897		
82	49.8	39.2	58.8	
119	33.8	25.4	38.2	

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF062105.D
Acq: 23 Mar 2019 4:25

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	182405		
115	48.9	27.7	83.1	
150	146.8	0.0	313.2	

