

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050919\
 Data File : VF062406.D
 Acq On : 9 May 2019 20:06
 Operator : FY/SY
 Sample : K2643-01
 Misc : 9.88g/5mL/MSVOA F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-03-050719-A

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 11:17:31 AM

Quant Time: May 10 08:16:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	281668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	243334	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	24661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	118693	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	197161	74.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	148.14%	
35) Dibromofluoromethane	4.28	113	214933	110.87	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	221.74%	
50) Toluene-d8	7.70	98	2723	0.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	1.16%	
62) 4-Bromofluorobenzene	11.49	95	118903	56.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.32%	
Target Compounds						
20) Methylene Chloride	2.31	84	23928m	12.282	ug/l	Qvalue

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

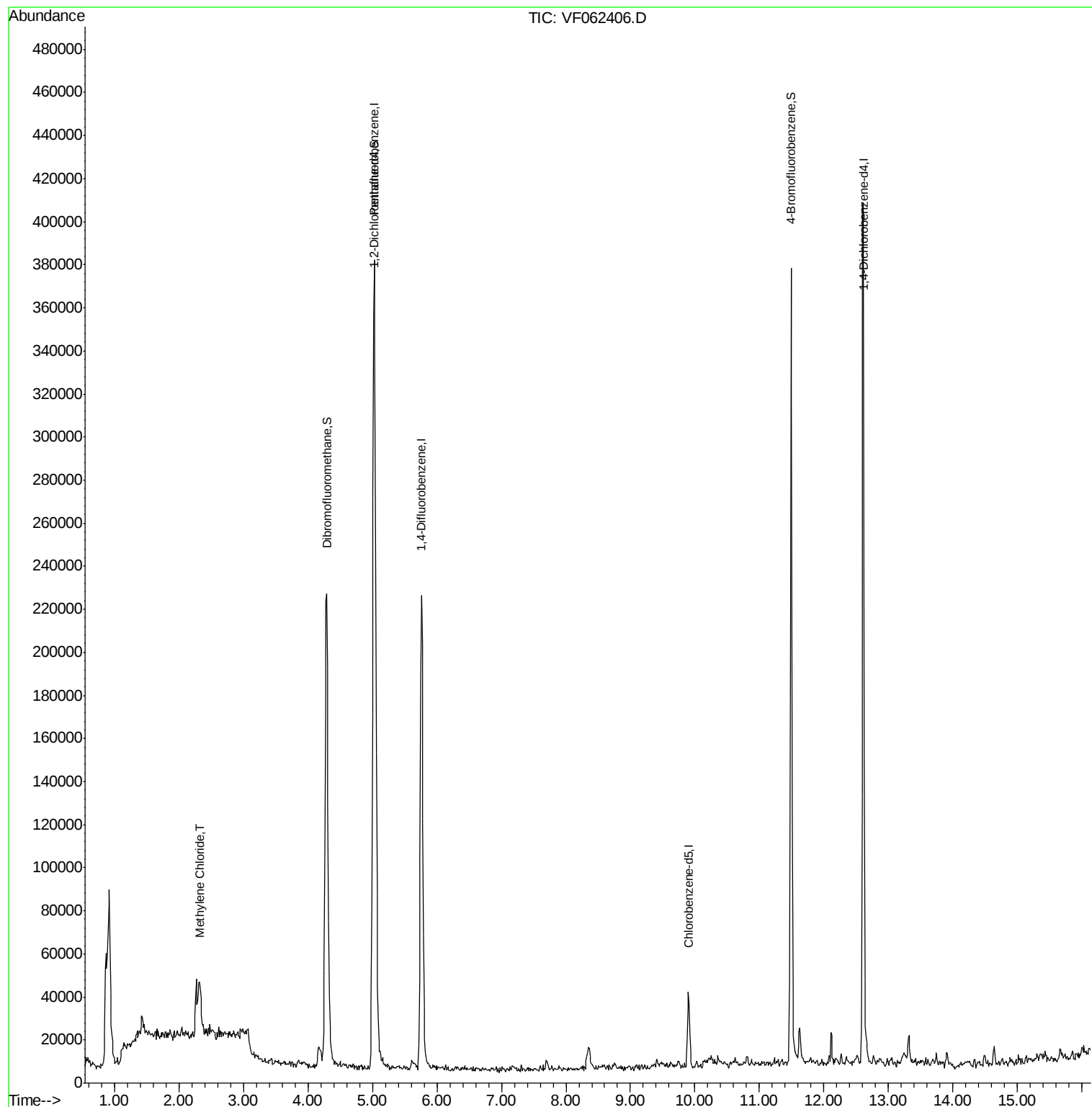
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF050919\
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Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF062406.D

Acq: 9 May 2019 20:06

Instrument :

MSVOA_F

ClientSampleId :

OR-03-050719-A

Tot Ion:168 Resp: 281668

Ion Ratio Lower Upper

168 100

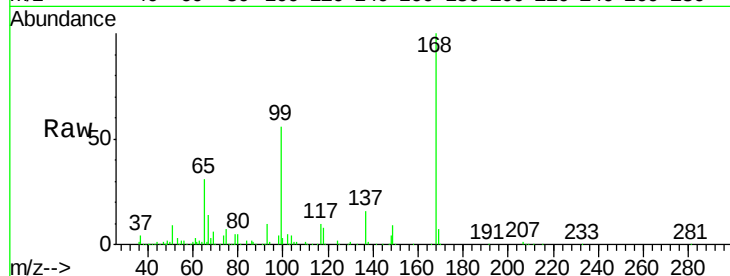
99 55.6 45.9 68.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.04

100000

80000

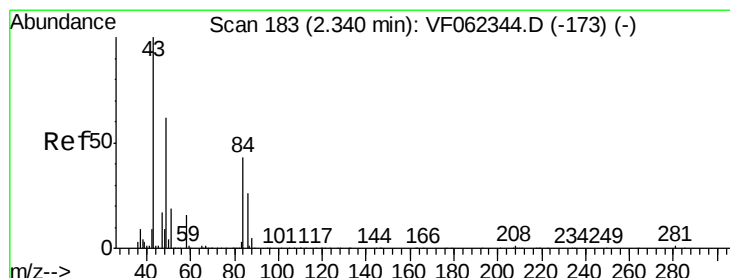
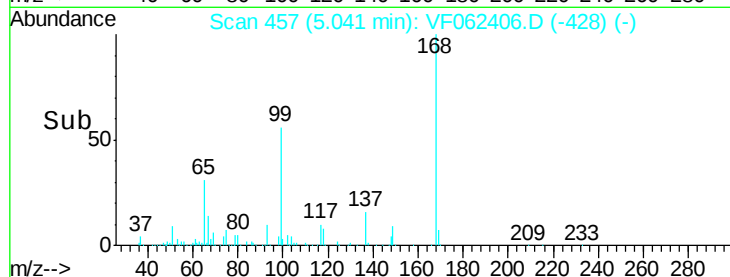
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 12.282 ug/l m

RT: 2.31 min Scan# 180

Delta R.T. -0.03 min

Lab File: VF062406.D

Acq: 9 May 2019 20:06

Tgt Ion: 84 Resp: 23928

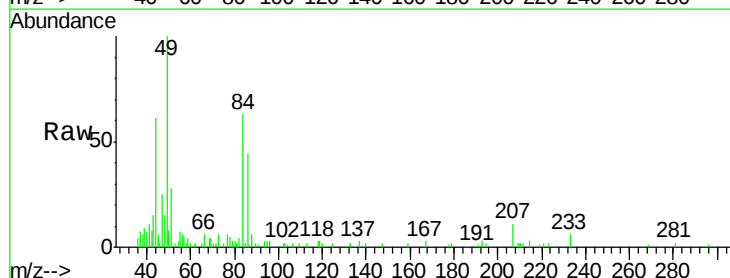
Ion Ratio Lower Upper

84 100

49 159.6 117.5 176.3

51 45.4 37.0 55.4

86 70.0 49.3 73.9



Abundance Ion 83.90 (83.60 to 84.60): VF0

Ion 48.90 (48.60 to 49.60): VF0

Ion 50.90 (50.60 to 51.60): VF0

Ion 85.90 (85.60 to 86.60): VF0

12000

10000

8000

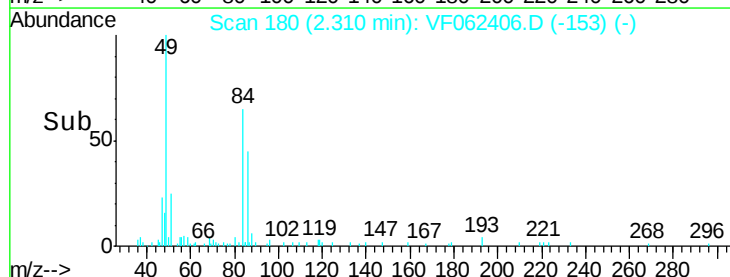
6000

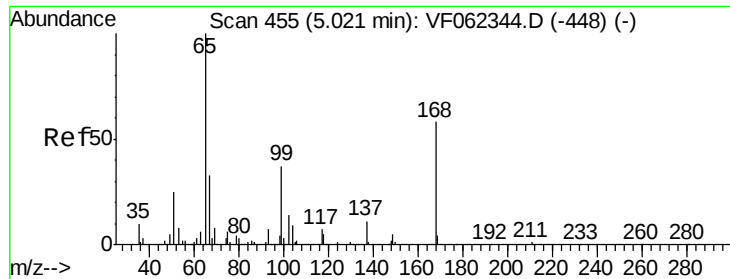
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 74.068 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.01 min

Lab File: VF062406.D

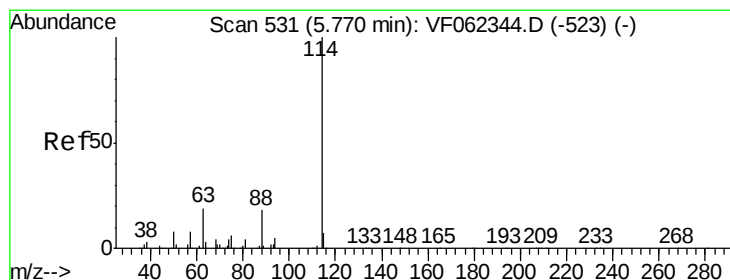
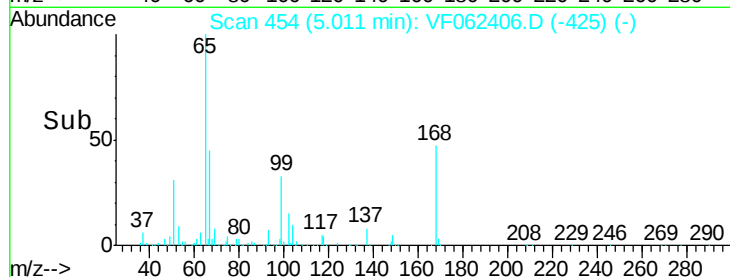
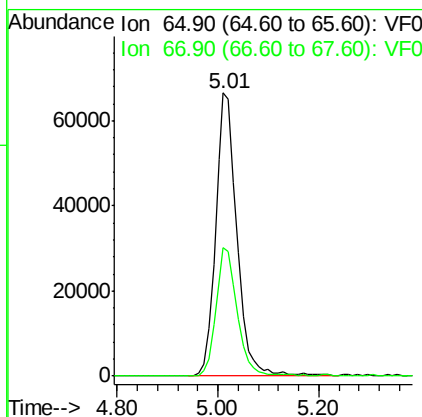
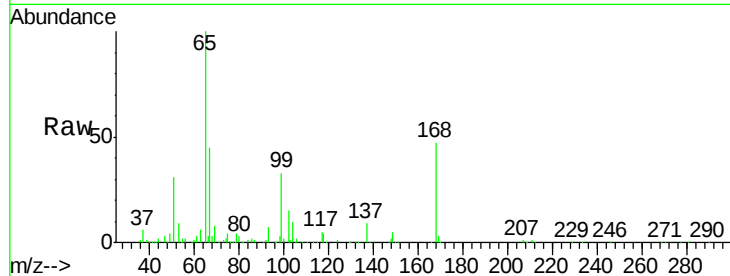
Acq: 9 May 2019 20:06

Tot Ion	Ratio	Resp	Lower	Upper
65	100	197161		
67	45.7	0.0	85.8	

Instrument :
MSVOA_F
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

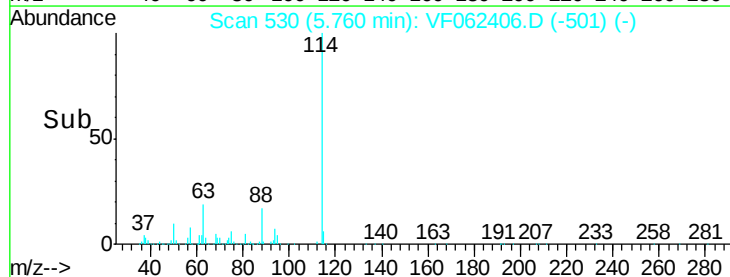
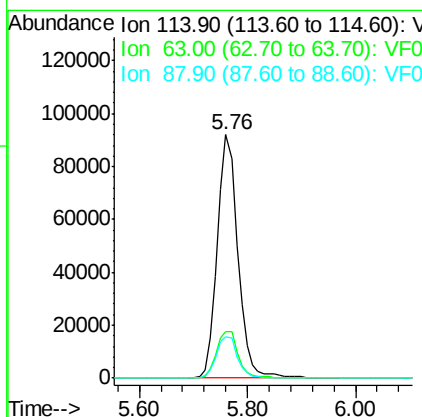
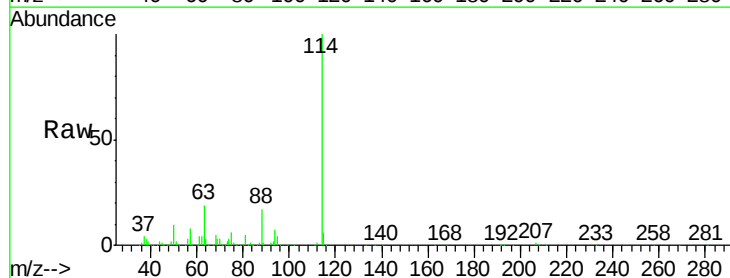
RT: 5.76 min Scan# 530

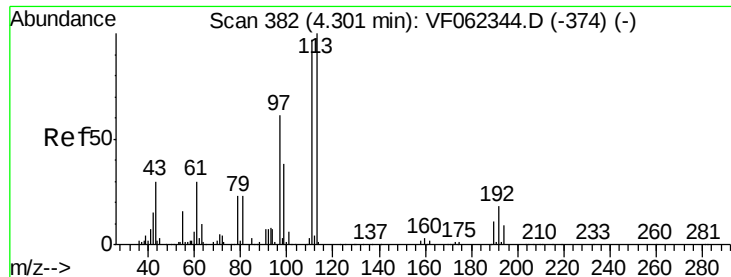
Delta R.T. -0.01 min

Lab File: VF062406.D

Acq: 9 May 2019 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	243334		
63	19.2	0.0	37.4	
88	17.0	0.0	36.4	





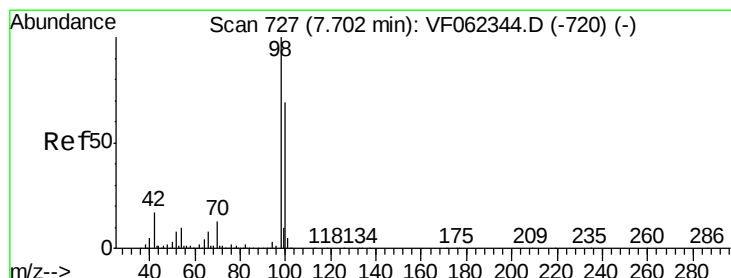
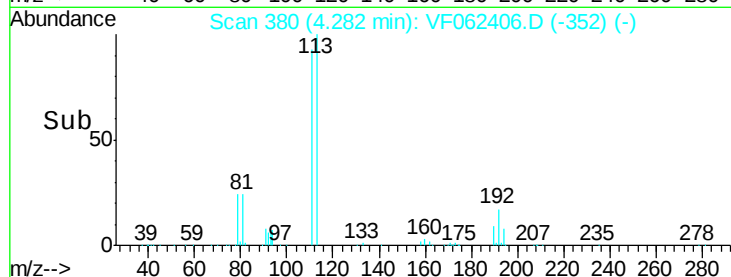
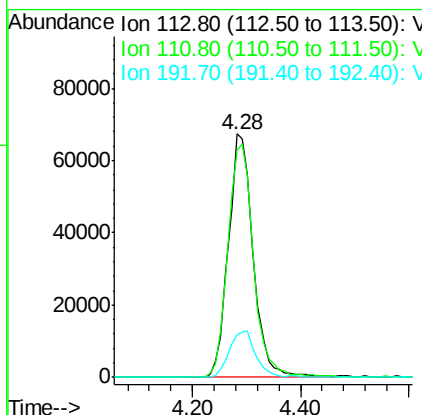
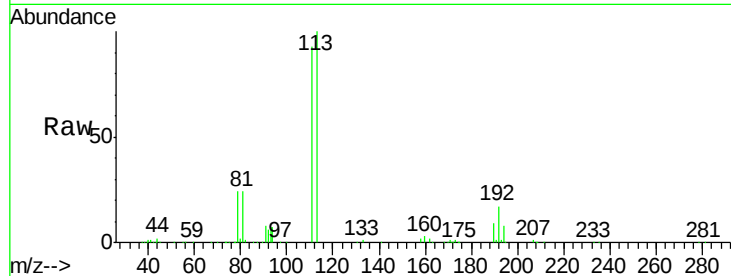
#35
Dibromofluoromethane
Concen: 110.870 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.02 min
Lab File: VF062406.D
Acq: 9 May 2019 20:06

Instrument :
MSVOA_F
ClientSampleId :
OR-03-050719-A

Tot Ion	Ratio	Lower	Upper
113	100		
111	98.7	79.4	119.0
192	20.6	16.0	24.0

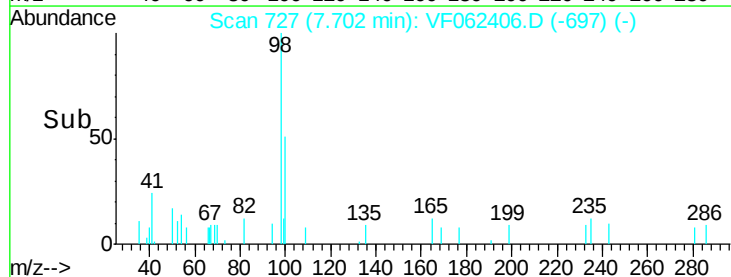
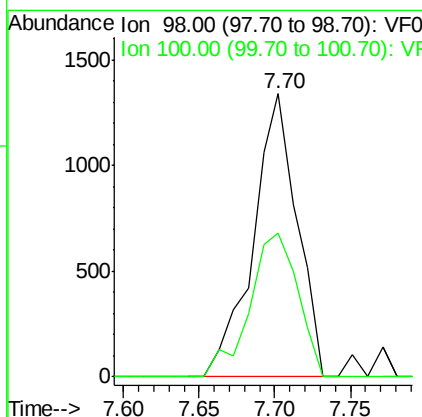
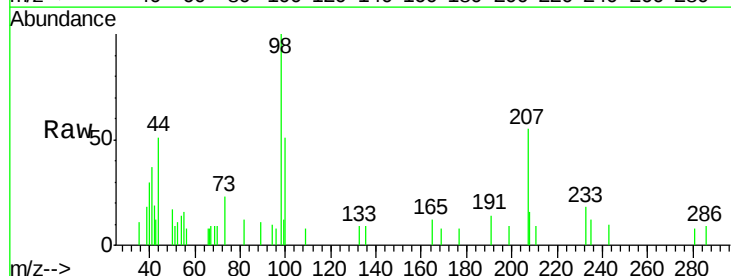
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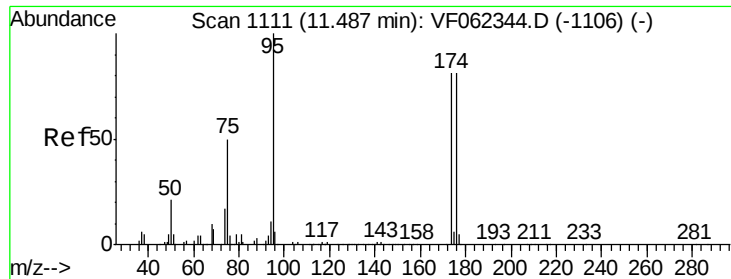
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#50
Toluene-d8
Concen: 0.580 ug/l
RT: 7.70 min Scan# 727
Delta R.T. 0.00 min
Lab File: VF062406.D
Acq: 9 May 2019 20:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	55.8	53.3	79.9





#62

4-Bromofluorobenzene

Concen: 56.161 ug/l

RT: 11.49 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VF062406.D

Acq: 9 May 2019 20:06

Instrument :

MSVOA_F

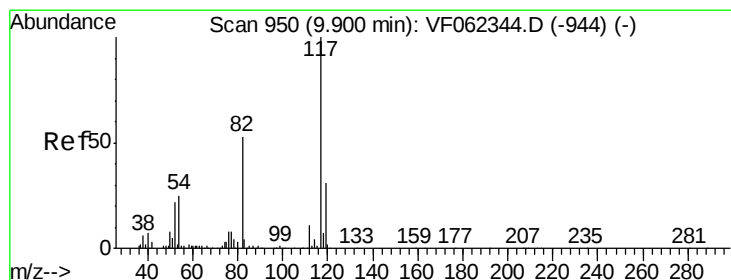
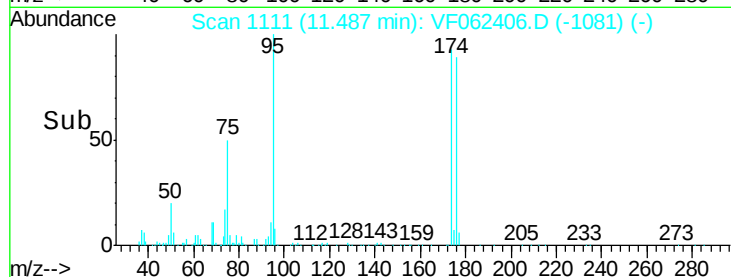
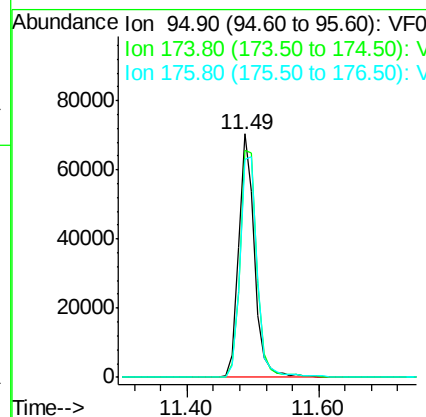
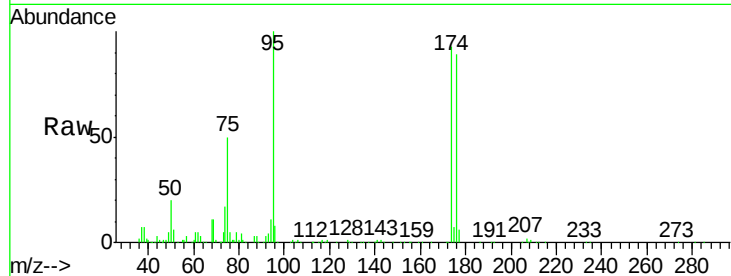
ClientSampleId :

OR-03-050719-A

Tot Ion:	95	Resp:	118903
Ion Ratio	Lower	Upper	
95	100		
174	100.0	0.0	191.8
176	98.5	0.0	193.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

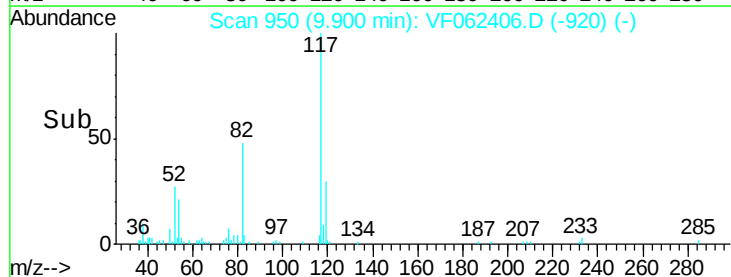
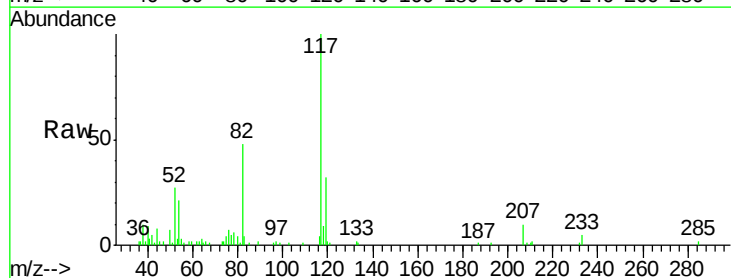
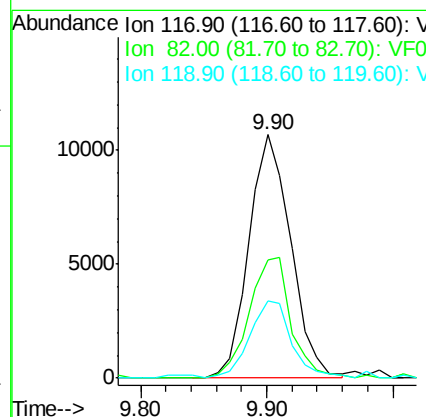
RT: 9.90 min Scan# 950

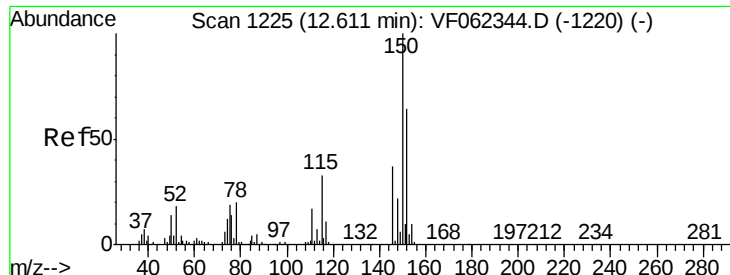
Delta R.T. 0.00 min

Lab File: VF062406.D

Acq: 9 May 2019 20:06

Tgt Ion:	117	Resp:	24661
Ion Ratio	Lower	Upper	
117	100		
82	48.5	42.2	63.2
119	30.8	25.0	37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VF062406.D

Acq: 9 May 2019 20:06

Instrument :

MSVOA_F

ClientSampleId :

OR-03-050719-A

Tot Ion:152 Resp: 118693

Ion Ratio Lower Upper

152 100

115 52.7 26.4 79.2

150 152.5 0.0 335.0

Manual Integrations

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