

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051019\
 Data File : VF062438.D
 Acq On : 11 May 2019 00:54
 Operator : FY/SY
 Sample : K2729-04
 Misc : 4.99g/5mL/MSVOA F/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-5

Manual Integrations
 APPROVED

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 5/11/2019 3:48:20 PM

Quant Time: May 11 06:30:24 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	5.06	168	385244	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	514690	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	407538	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	230585	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	213922	58.76	ug/l	0.02
Spiked Amount 50.000			Recovery	=	117.52%	
35) Dibromofluoromethane	4.32	113	247659	60.40	ug/l	0.01
Spiked Amount 50.000			Recovery	=	120.80%	
50) Toluene-d8	7.72	98	493619	49.73	ug/l	0.01
Spiked Amount 50.000			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	11.50	95	217754	48.63	ug/l	0.01
Spiked Amount 50.000			Recovery	=	97.26%	
Target Compounds						
20) Methylene Chloride	2.33	84	16580m	6.222	ug/l	Qvalue
52) Toluene	7.79	92	22038	3.669	ug/l	95

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

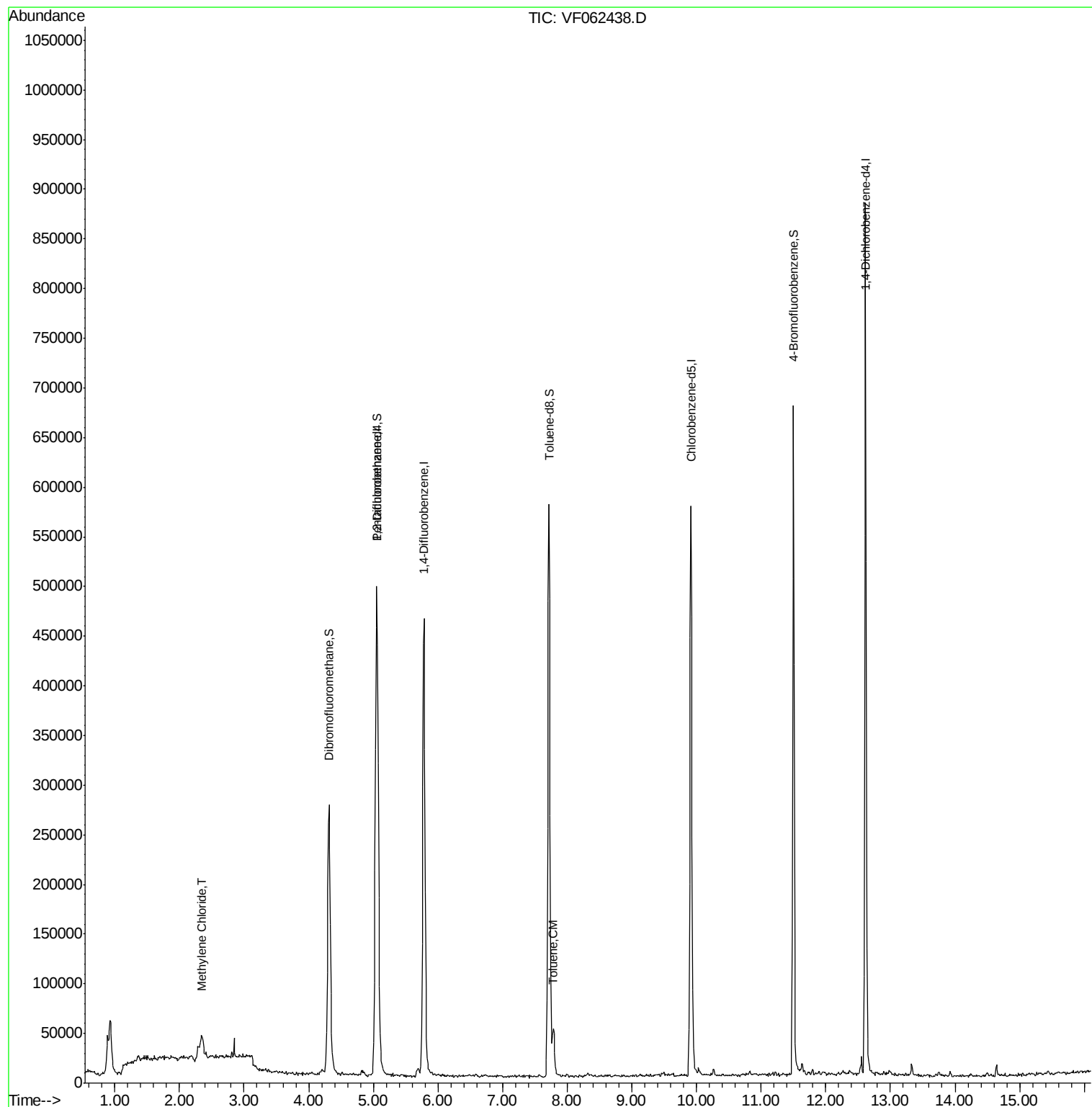
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051019\
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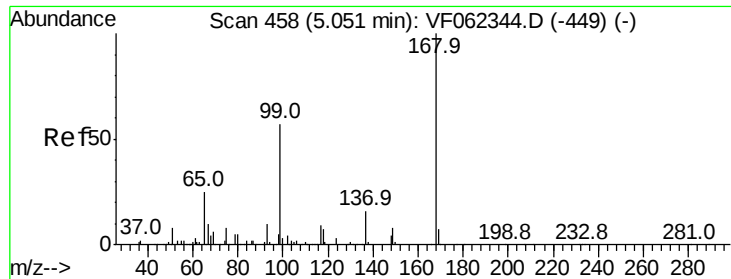
Instrument :
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Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.01 min

Lab File: VF062438.D

Acq: 11 May 2019 00:54

Instrument :

MSVOA_F

ClientSampleId :

B-5

Tot Ion:168 Resp: 385244

Ion Ratio Lower Upper

168 100

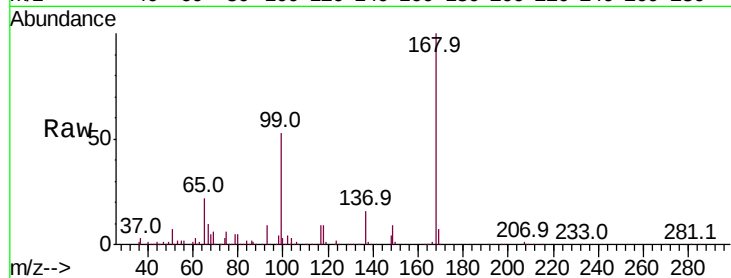
99 52.9 45.9 68.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

150000 Ion 98.90 (98.60 to 99.60): VF0

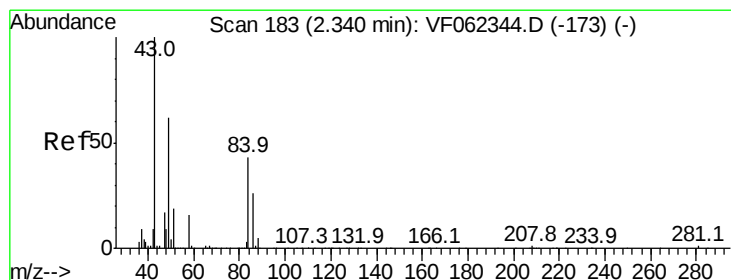
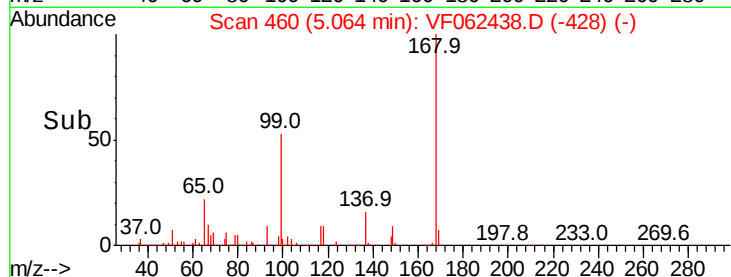
100000

50000

0

4.90 5.00 5.10 5.20 5.30

Time-->



#20

Methylene Chloride

Concen: 6.222 ug/l m

RT: 2.33 min Scan# 183

Delta R.T. -0.01 min

Lab File: VF062438.D

Acq: 11 May 2019 00:54

Tgt Ion: 84 Resp: 16580

Ion Ratio Lower Upper

84 100

49 151.4 117.5 176.3

51 61.7 37.0 55.4#

86 58.7 49.3 73.9

Abundance Ion 83.90 (83.60 to 84.60): VF0

8000 Ion 48.90 (48.60 to 49.60): VF0

6000 Ion 50.90 (50.60 to 51.60): VF0

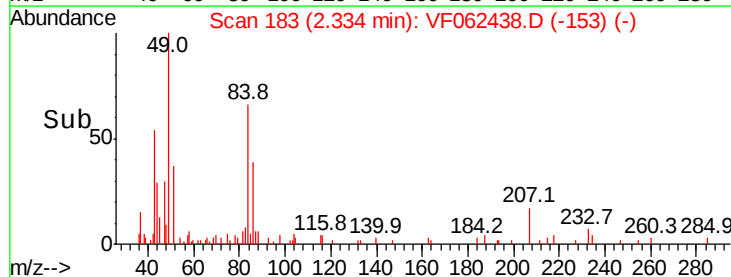
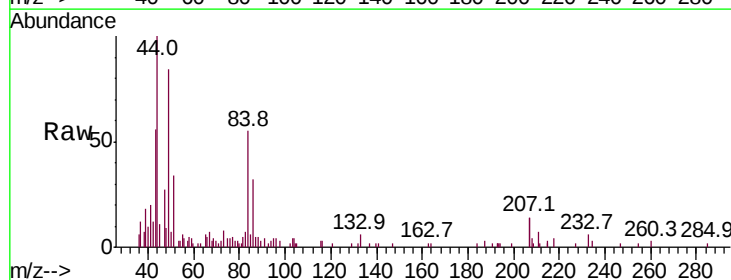
4000 Ion 85.90 (85.60 to 86.60): VF0

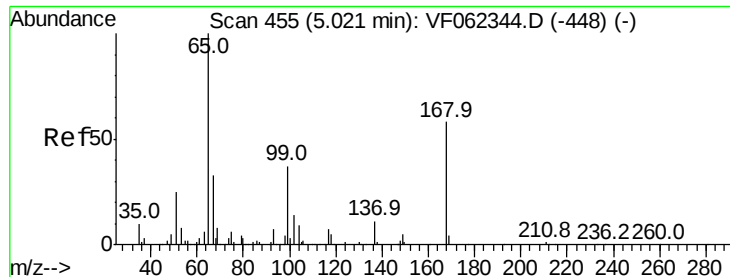
2000

0

2.20 2.30 2.40 2.50

Time-->





#33

1,2-Dichloroethane-d4

Concen: 58.758 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.02 min

Lab File: VF062438.D

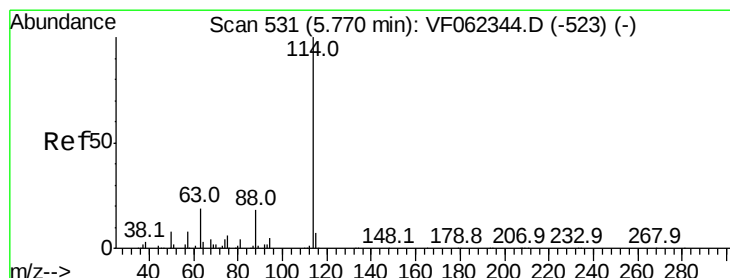
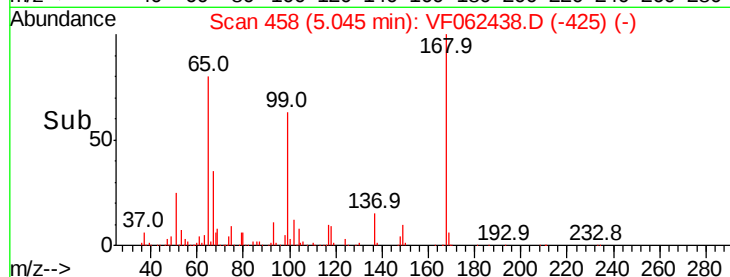
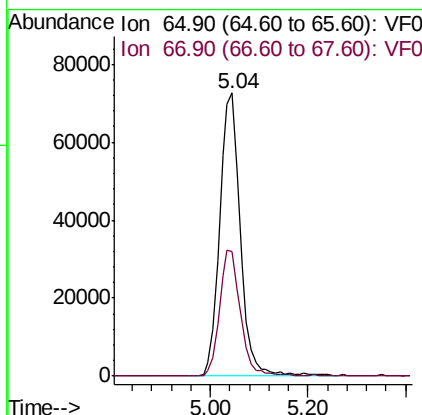
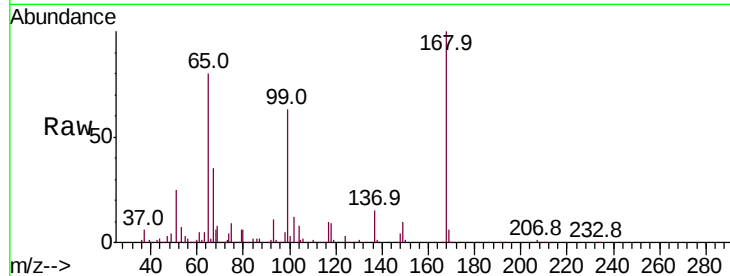
Acq: 11 May 2019 00:54

Instrument :
MSVOA_F
ClientSampled :
B-5

Tot Ion	Ratio	Resp	Lower	Upper
65	100	213922		
67	45.0	0.0	85.8	

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

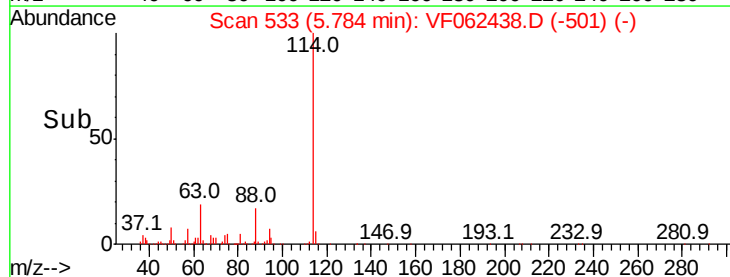
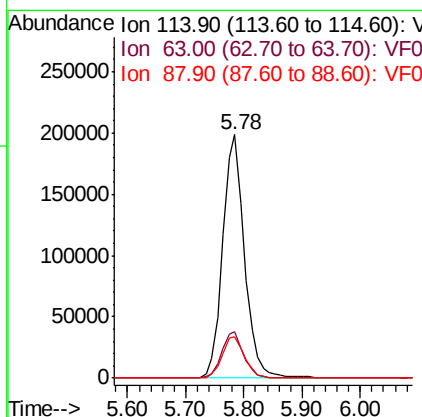
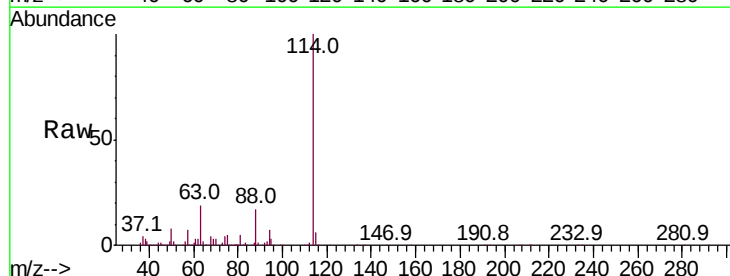
RT: 5.78 min Scan# 533

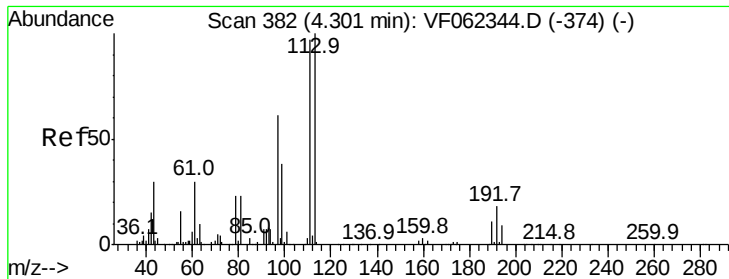
Delta R.T. 0.01 min

Lab File: VF062438.D

Acq: 11 May 2019 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	514690		
63	19.3	0.0	37.4	
88	17.1	0.0	36.4	





#35

Dibromofluoromethane

Concen: 60.398 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VF062438.D

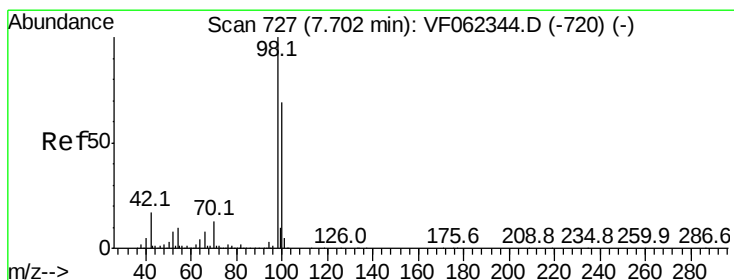
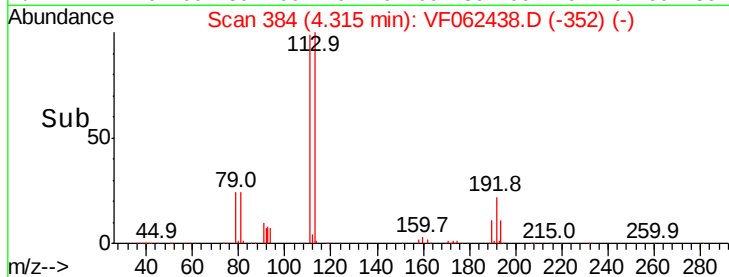
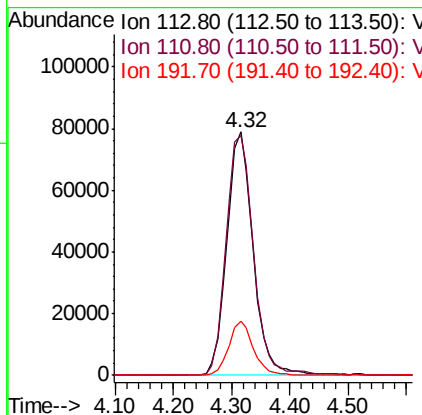
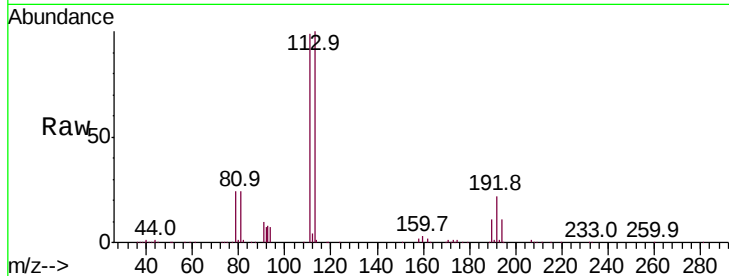
Acq: 11 May 2019 00:54

Instrument :
MSVOA_F
ClientSampled :
B-5

Tot Ion:	113	Resp:	247659
Ion Ratio	Lower	Upper	
113	100		
111	102.5	79.4	119.0
192	21.4	16.0	24.0

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#50

Toluene-d8

Concen: 49.731 ug/l

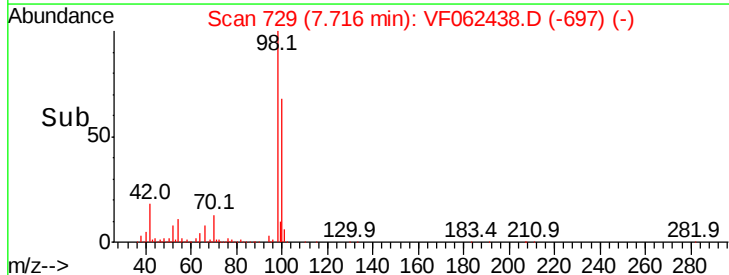
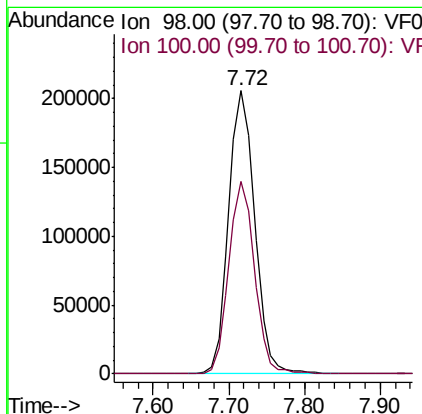
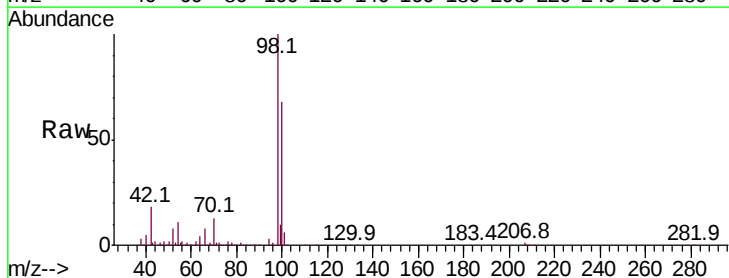
RT: 7.72 min Scan# 729

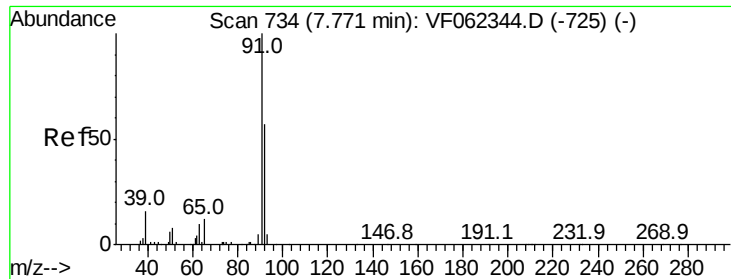
Delta R.T. 0.01 min

Lab File: VF062438.D

Acq: 11 May 2019 00:54

Tgt Ion:	98	Resp:	493619
Ion Ratio	Lower	Upper	
98	100		
100	67.0	53.3	79.9





#52

Toluene

Concen: 3.669 ug/l

RT: 7.79 min Scan# 736

Delta R.T. 0.01 min

Lab File: VF062438.D

Acq: 11 May 2019 00:54

Instrument :

MSVOA_F

ClientSampleId :

B-5

Tot Ion: 92 Resp: 22038

Ion Ratio Lower Upper

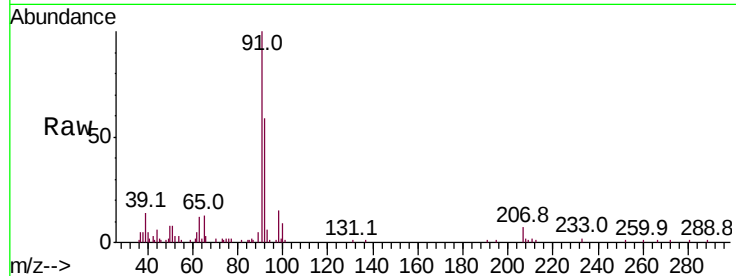
92 100

91 180.8 138.7 208.1

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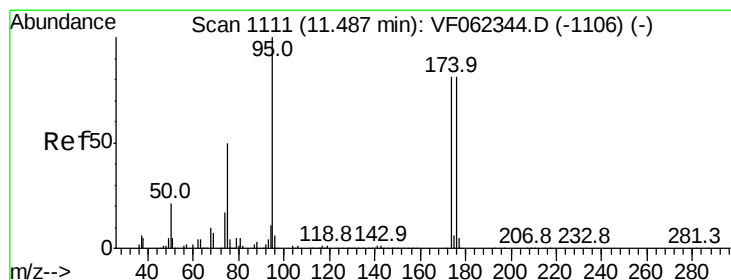
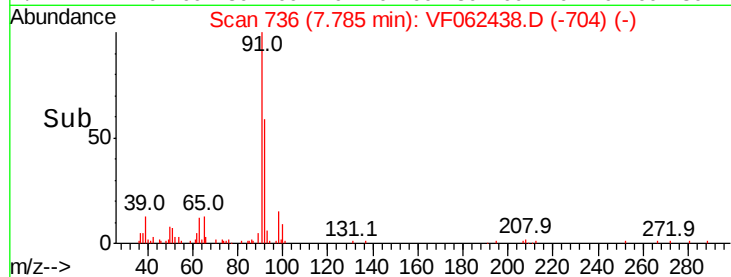
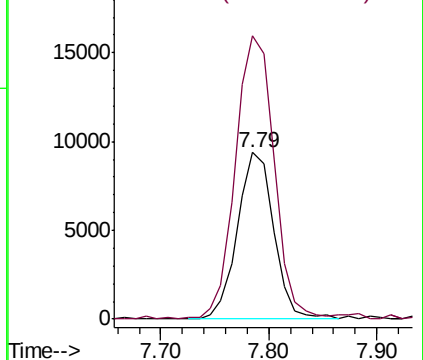
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Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#62

4-Bromofluorobenzene

Concen: 48.626 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VF062438.D

Acq: 11 May 2019 00:54

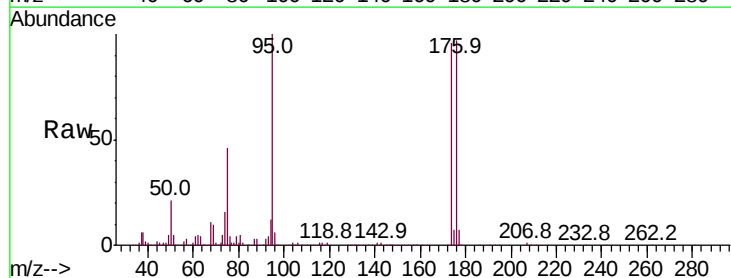
Tgt Ion: 95 Resp: 217754

Ion Ratio Lower Upper

95 100

174 96.2 0.0 191.8

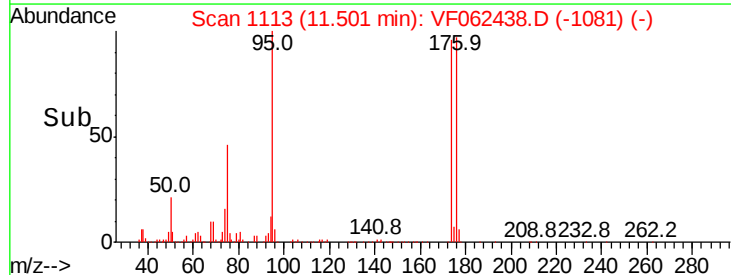
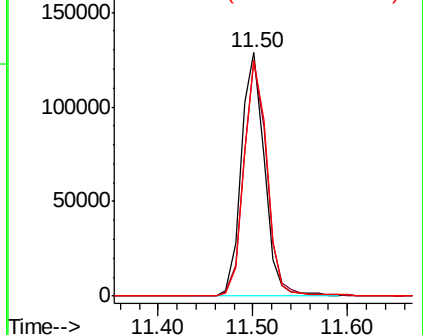
176 96.9 0.0 193.2

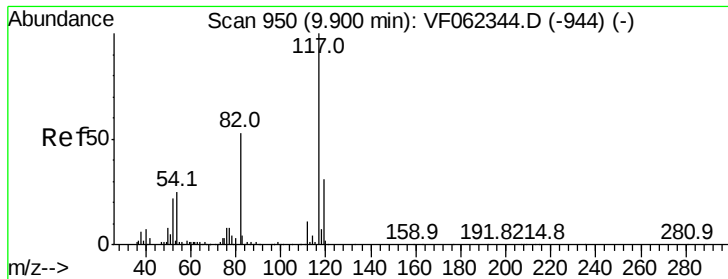


Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





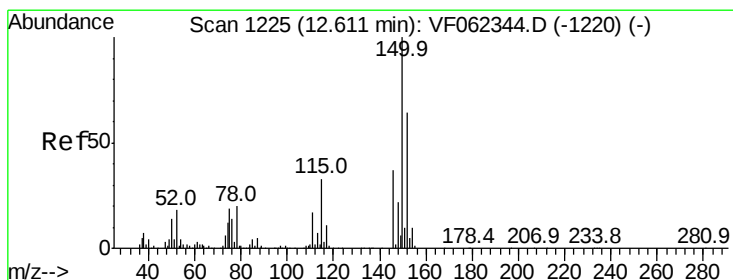
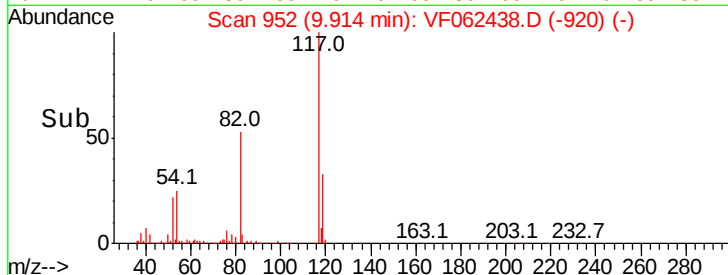
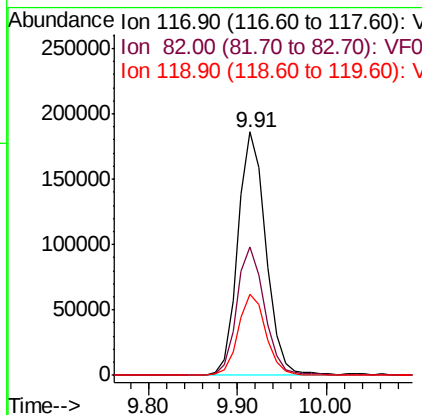
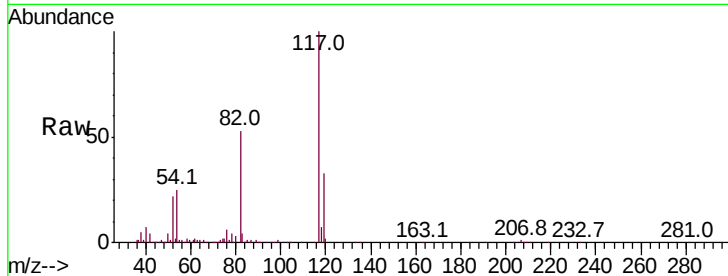
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF062438.D
Acq: 11 May 2019 00:54

Instrument :
MSVOA_F
ClientSampled :
B-5

Tot Ion	Ratio	Resp	Lower	Upper
117	100	407538		
82	52.6		42.2	63.2
119	33.3		25.0	37.4

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062438.D
Acq: 11 May 2019 00:54

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	230585		
115	53.5		26.4	79.2
150	153.5		0.0	335.0

