

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051019\
 Data File : VF062442.D
 Acq On : 11 May 2019 2:44
 Operator : FY/SY
 Sample : K2754-03
 Misc : 6.64g/5mL/MSVOA F/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-3

Manual Integrations
 APPROVED

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 5/11/2019 3:48:09 PM

Quant Time: May 11 06:41:17 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	251926	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	366199	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	251377	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	115877	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	182101	76.49	ug/l	0.02
Spiked Amount 50.000			Recovery	=	152.98%	
35) Dibromofluoromethane	4.31	113	203681	69.81	ug/l	0.01
Spiked Amount 50.000			Recovery	=	139.62%	
50) Toluene-d8	7.71	98	296920	42.04	ug/l	0.01
Spiked Amount 50.000			Recovery	=	84.08%	
62) 4-Bromofluorobenzene	11.50	95	123399	38.73	ug/l	0.01
Spiked Amount 50.000			Recovery	=	77.46%	
Target Compounds						
20) Methylene Chloride	2.34	84	11225m	6.442	ug/l	Qvalue

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

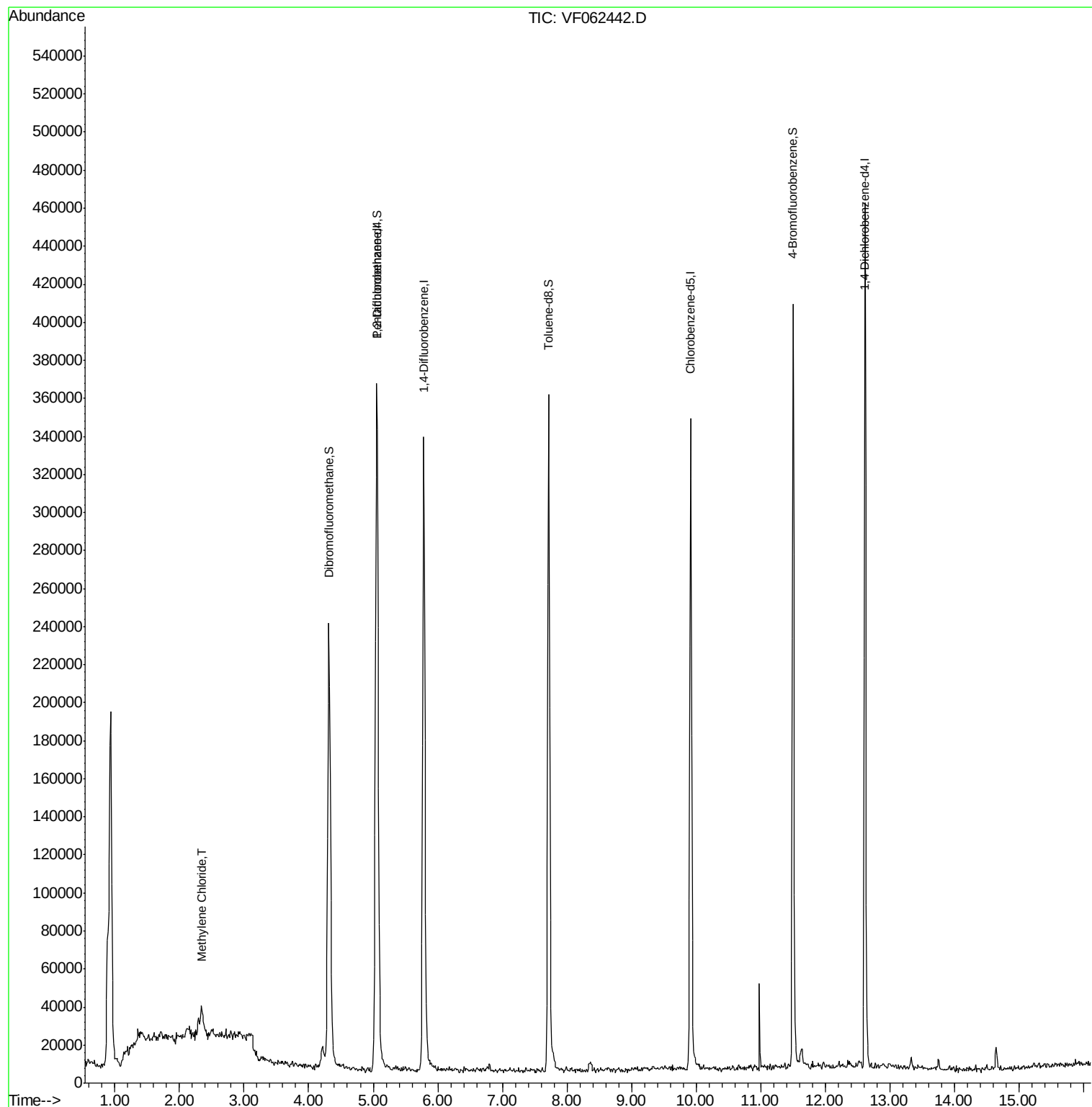
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051019\
Data File : VF062442.D
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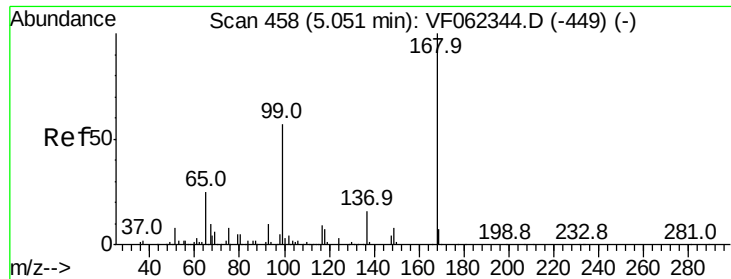
Instrument :
MSVOA_F
ClientSampleId :
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#1

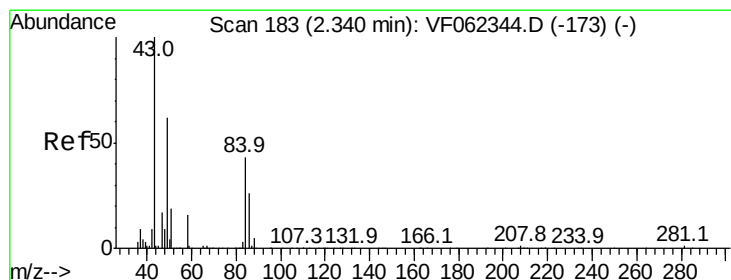
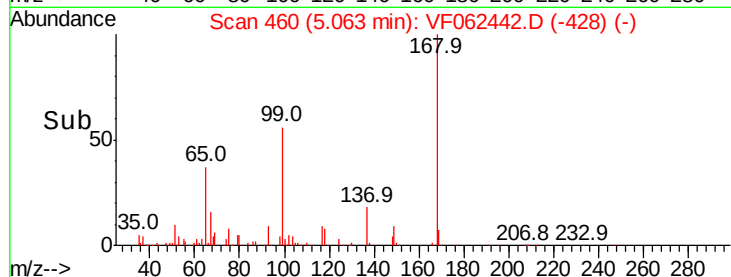
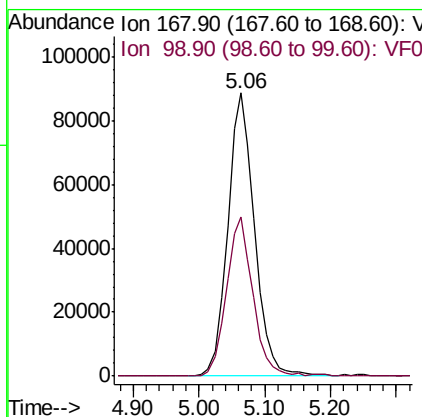
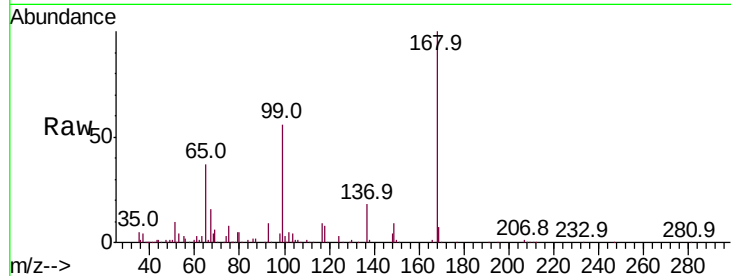
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.06 min Scan# 460
 Delta R.T. 0.01 min
 Lab File: VF062442.D
 Acq: 11 May 2019 2:44

Instrument :
 MSVOA_F
 ClientSampled :
 TP-3

Tot Ion	Ratio	Resp	Lower	Upper
168	100	251926		
99	56.3		45.9	68.9

Manual Integrations
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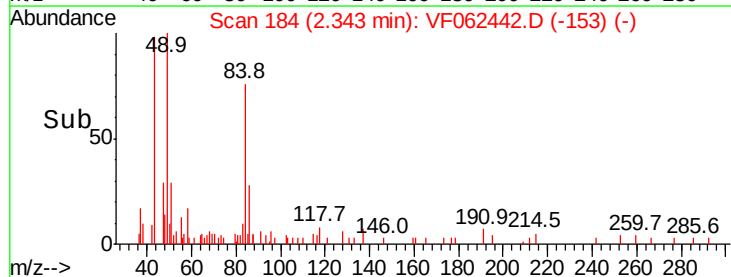
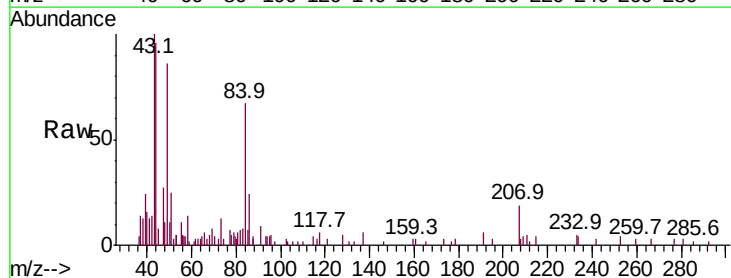
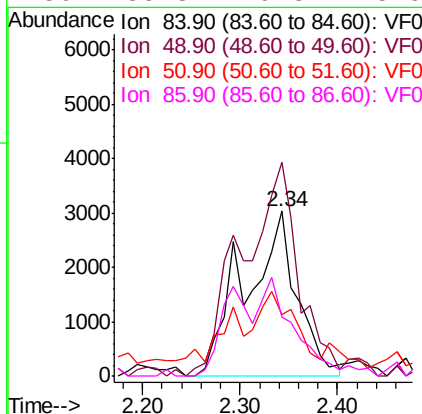
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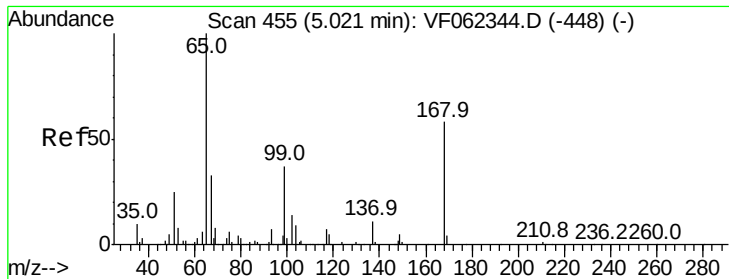


#20

Methylene Chloride
 Concen: 6.442 ug/l m
 RT: 2.34 min Scan# 184
 Delta R.T. 0.00 min
 Lab File: VF062442.D
 Acq: 11 May 2019 2:44

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	11225		
49	129.7		117.5	176.3
51	37.1		37.0	55.4
86	35.8		49.3	73.9#





#33

1,2-Dichloroethane-d4

Concen: 76.487 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.02 min

Lab File: VF062442.D

Acq: 11 May 2019 2:44

Tot Ion: 65 Resp: 182101

Ion Ratio Lower Upper

65 100

67 45.9 0.0 85.8

Instrument :

MSVOA_F

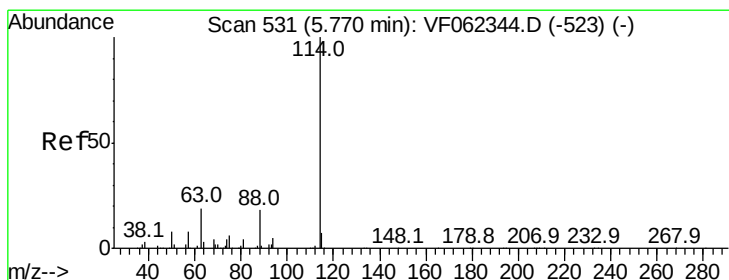
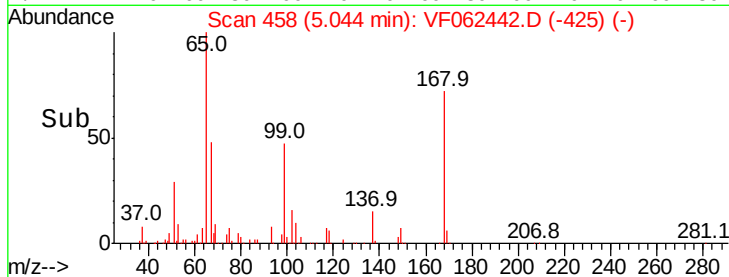
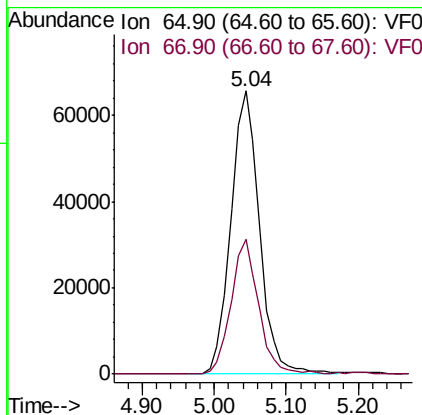
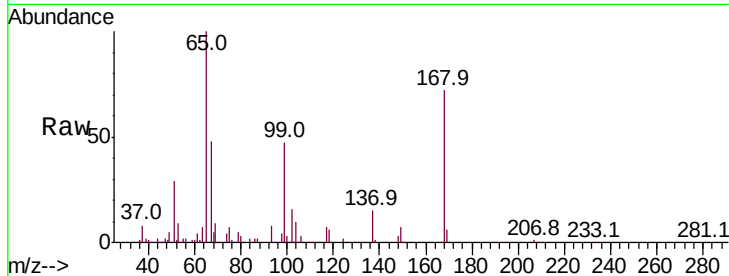
ClientSampled :

TP-3

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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: VF062442.D

Acq: 11 May 2019 2:44

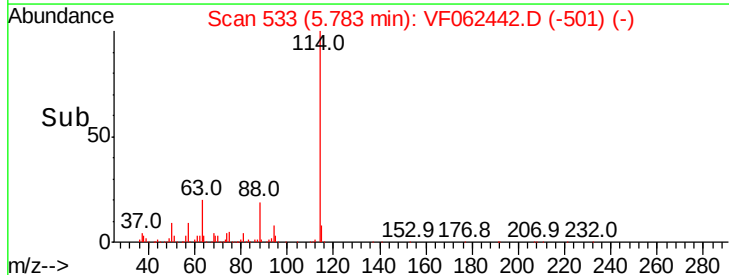
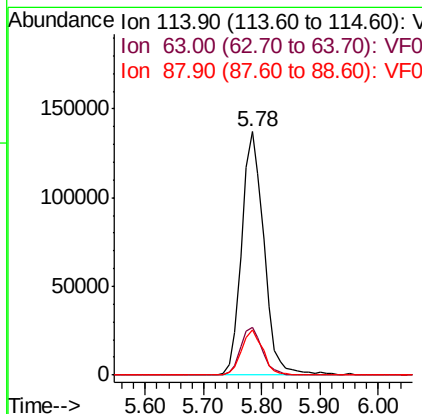
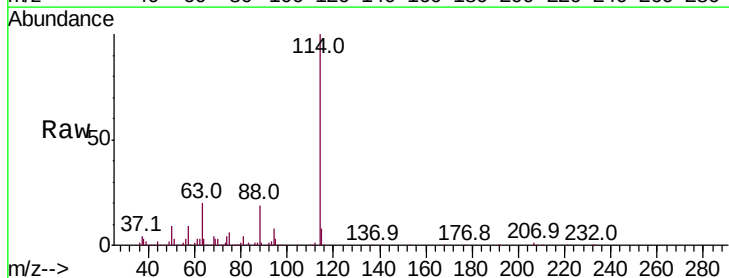
Tgt Ion:114 Resp: 366199

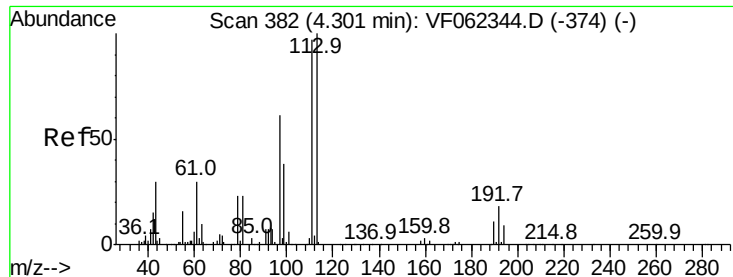
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 18.6 0.0 36.4





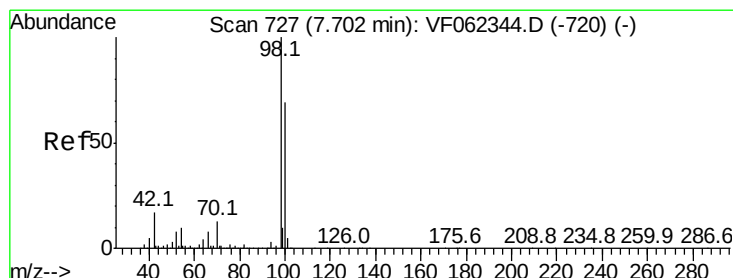
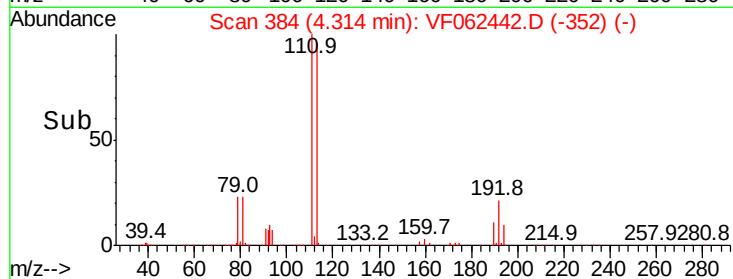
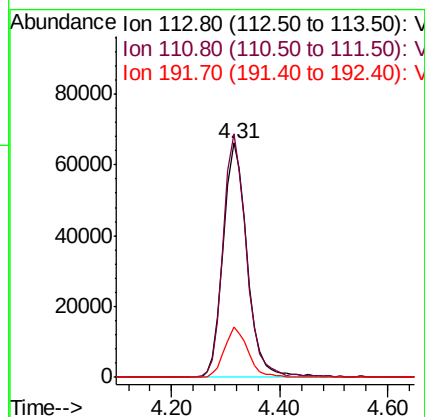
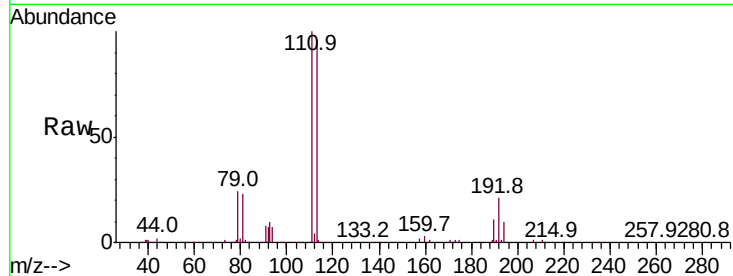
#35
 Dibromofluoromethane
 Concen: 69.815 ug/l
 RT: 4.31 min Scan# 384
 Delta R.T. 0.01 min
 Lab File: VF062442.D
 Acq: 11 May 2019 2:44

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.5	79.4	119.0
192	21.1	16.0	24.0

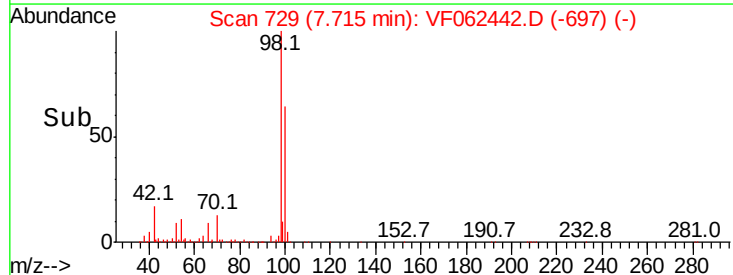
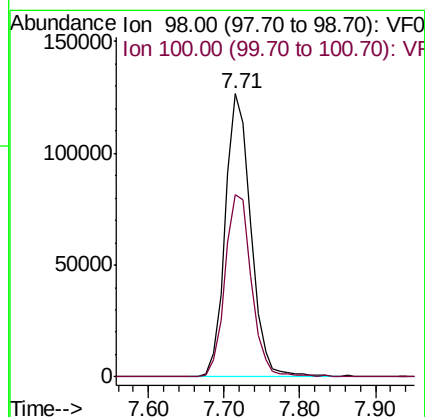
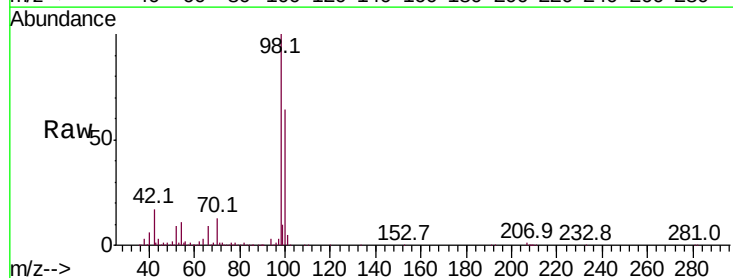
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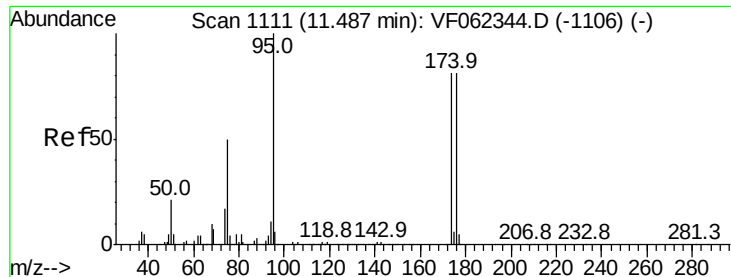
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#50
 Toluene-d8
 Concen: 42.044 ug/l
 RT: 7.71 min Scan# 729
 Delta R.T. 0.01 min
 Lab File: VF062442.D
 Acq: 11 May 2019 2:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.3	79.9





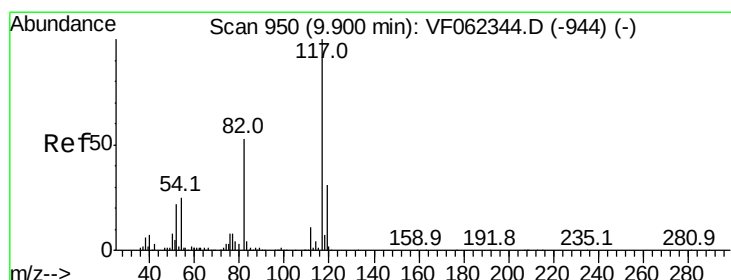
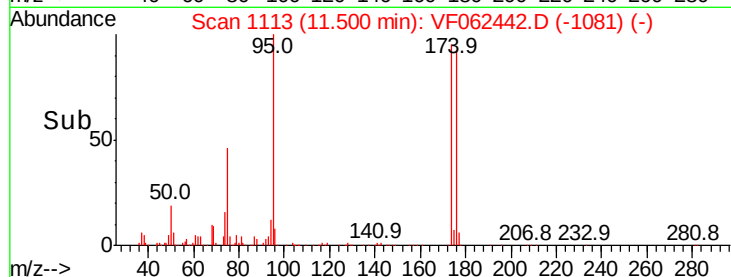
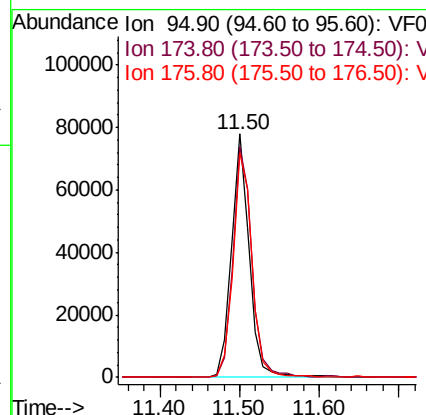
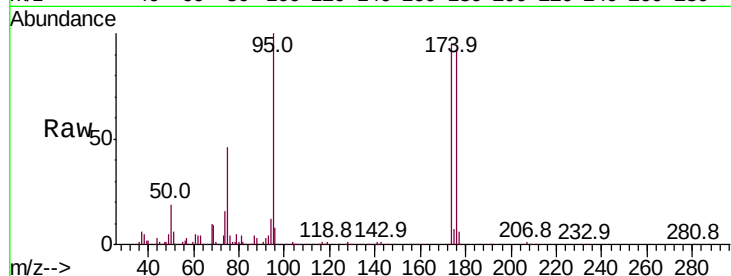
#62
4-Bromofluorobenzene
Concen: 38.730 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062442.D
Acq: 11 May 2019 2:44

Instrument :
MSVOA_F
ClientSampled :
TP-3

Tot Ion	Ratio	Resp	Lower	Upper
95	100	123399		
174	100.6	0.0	191.8	
176	98.1	0.0	193.2	

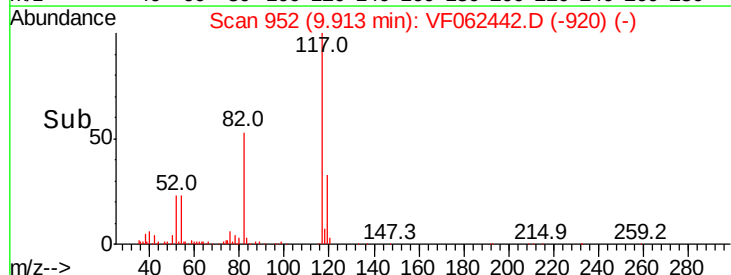
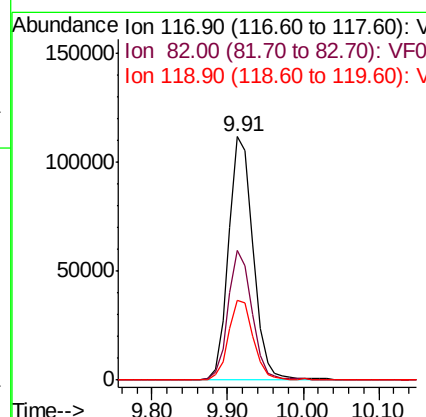
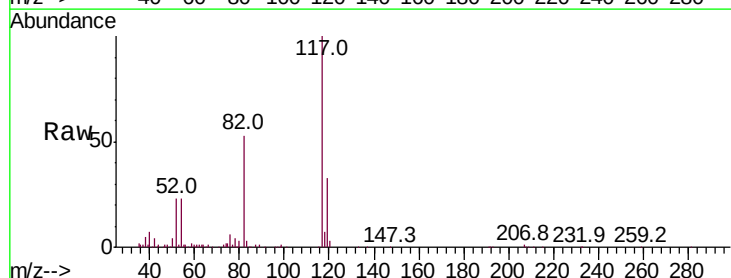
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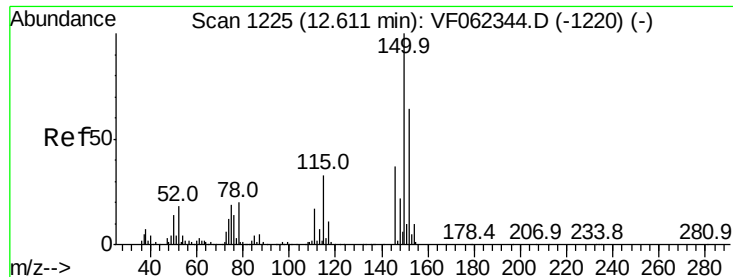
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF062442.D
Acq: 11 May 2019 2:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	251377		
82	53.2	42.2	63.2	
119	32.7	25.0	37.4	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1226

Delta R.T. 0.00 min

Lab File: VF062442.D

Acq: 11 May 2019 2:44

Instrument :

MSVOA_F

ClientSampleId :

TP-3

Tot Ion:152 Resp: 115877

Ion Ratio Lower Upper

152 100

115 55.3 26.4 79.2

150 155.7 0.0 335.0

Manual Integrations

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