

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
 Data File : VF061308.D
 Acq On : 9 Jan 2019 18:34
 Operator : VA/AP
 Sample : K1082-31
 Misc : 5.20g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1-5

Quant Time: Jan 10 05:58:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

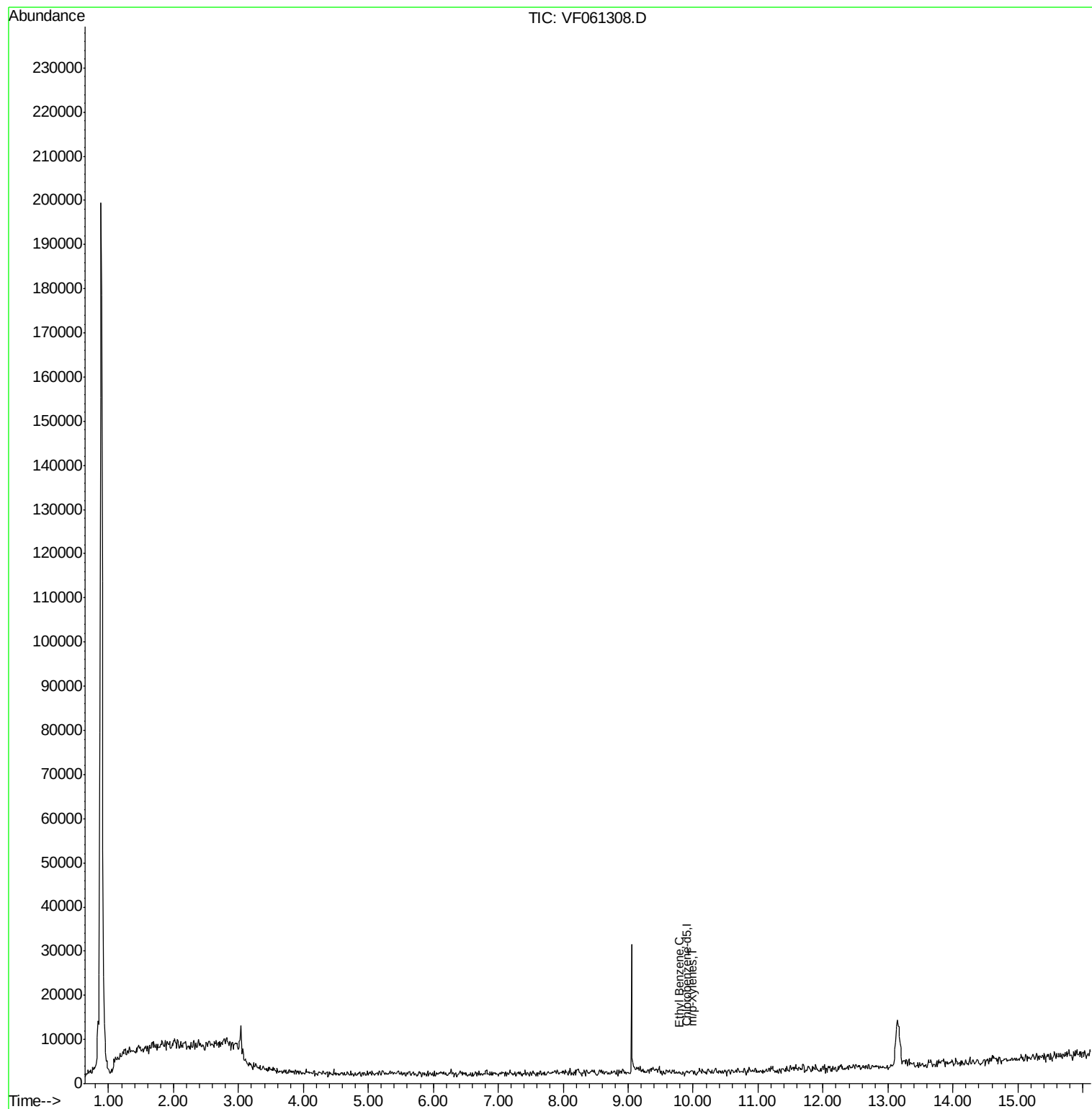
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-4.87
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.60
63) Chlorobenzene-d5	9.90	117	82	50.00	ug/l	0.11
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.56
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	76	0.00	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	11.51	95	66	0.00	ug/l	0.10
Spiked Amount	50.000		Recovery	=	0.00%	
Target Compounds						
67) Ethyl Benzene	9.78	91	88	27.563	ug/l #	48
68) m/p-Xylenes	9.97	106	60	53.876	ug/l #	1

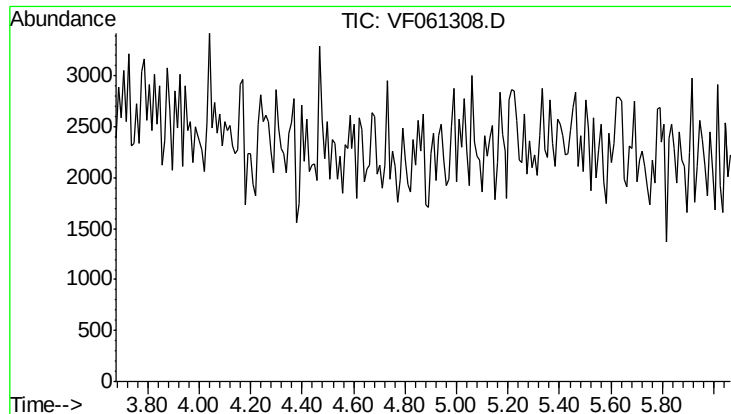
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 4.87 min

Lab File: VF061308.D

Acq: 9 Jan 2019 18:34

Tot Ion: 168

Sig Exp Ratio

168 100

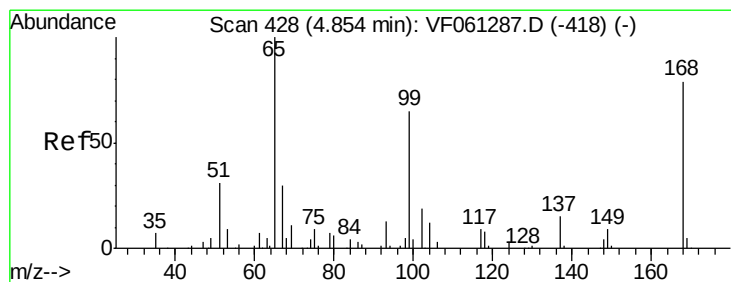
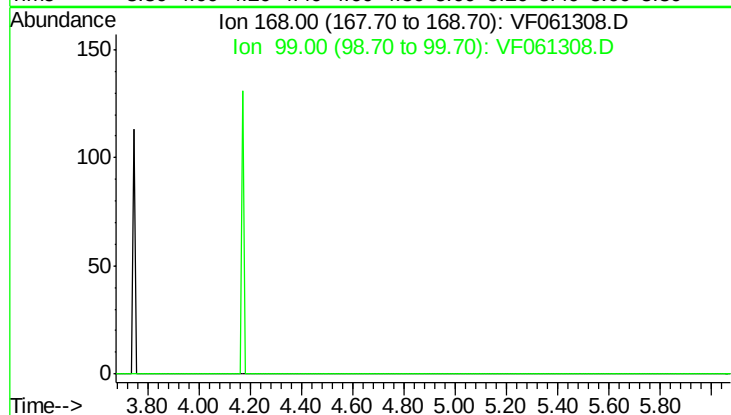
99 65.9

Instrument :

MSVOA_F

ClientSampleId :

SP-1-5



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.03 min

Lab File: VF061308.D

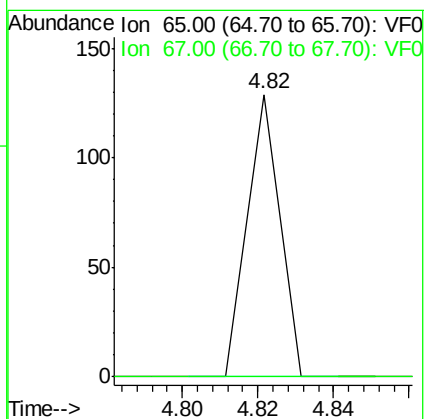
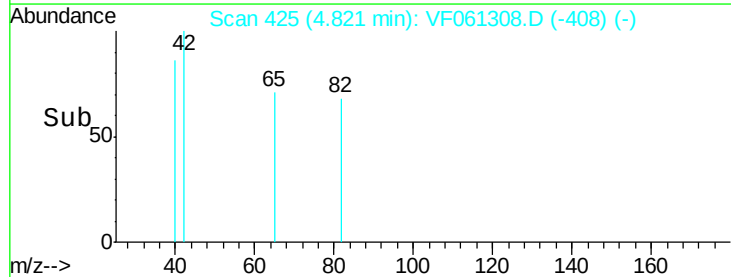
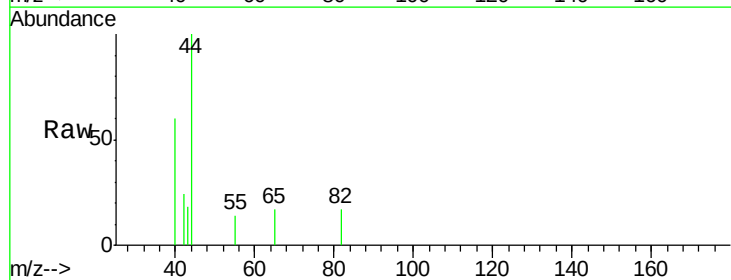
Acq: 9 Jan 2019 18:34

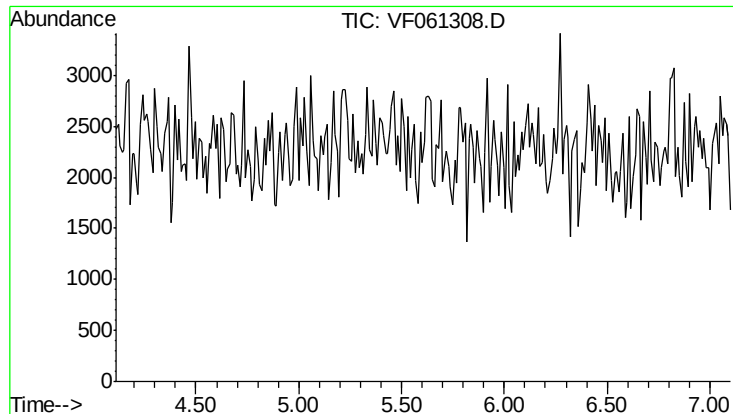
Tgt Ion: 65 Resp: 76

Ion Ratio Lower Upper

65 100

67 0.0 0.0 98.2

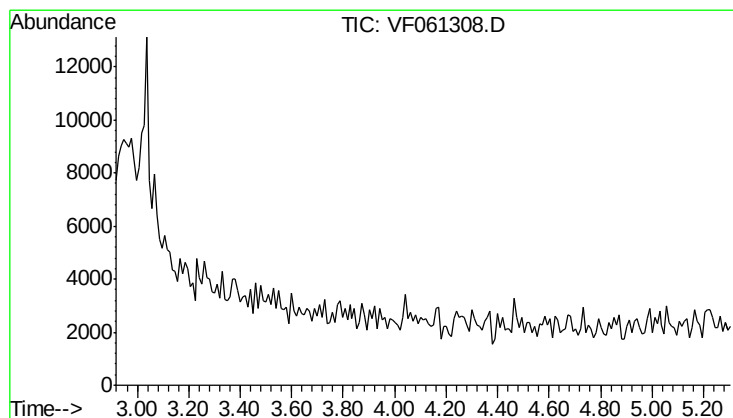
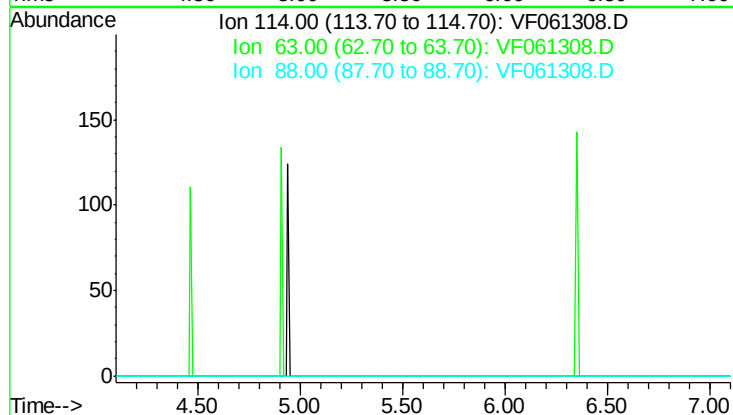




#34
 1,4-Difluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 5.60 min
 Lab File: VF061308.D
 Acq: 9 Jan 2019 18:34

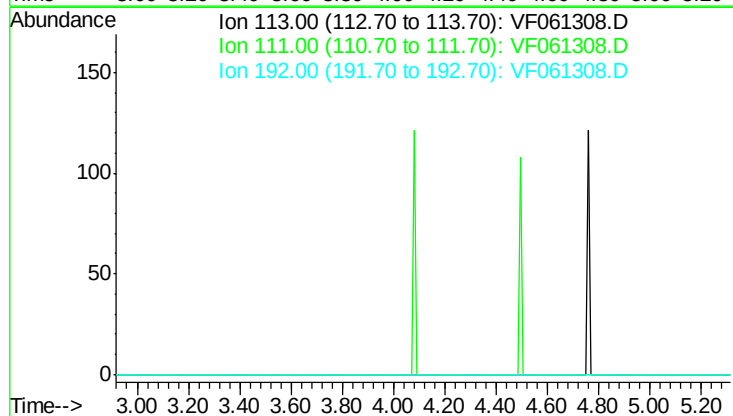
Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1-5

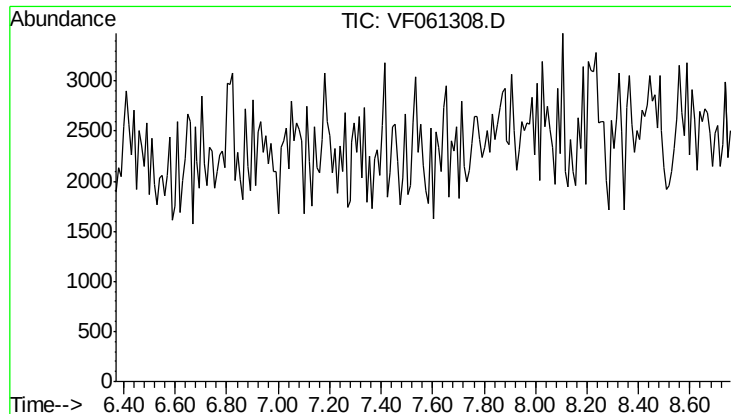
Tot Ion	114
Sig	Exp Ratio
114	100
63	21.4
88	20.0



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 4.11 min
 Lab File: VF061308.D
 Acq: 9 Jan 2019 18:34

Tgt Ion	113
Sig	Exp Ratio
113	100
111	97.5
192	13.3



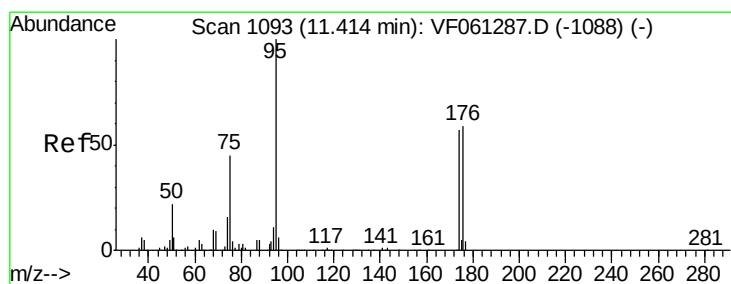
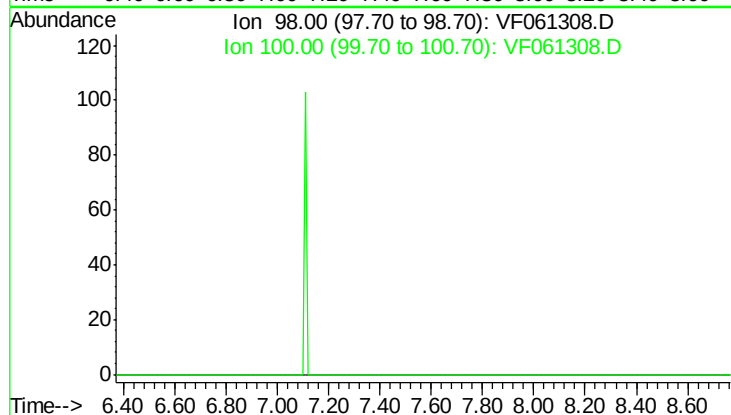


#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.57 min

Lab File: VF061308.D
Acq: 9 Jan 2019 18:34

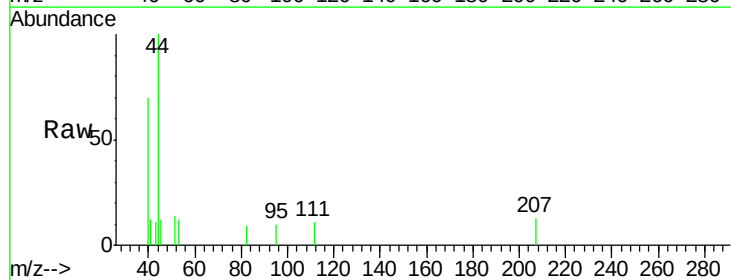
Instrument :
MSVOA_F
ClientSampleId :
SP-1-5

Tot Ion: 98
Sig Exp Ratio
98 100
100 69.5

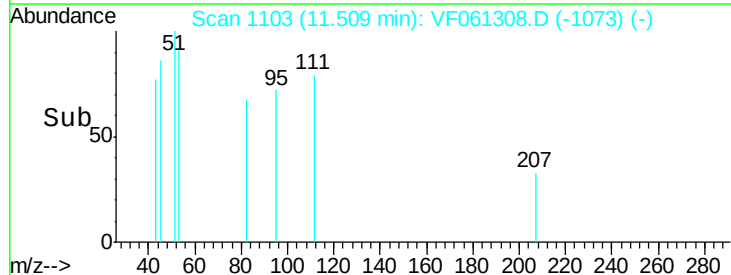
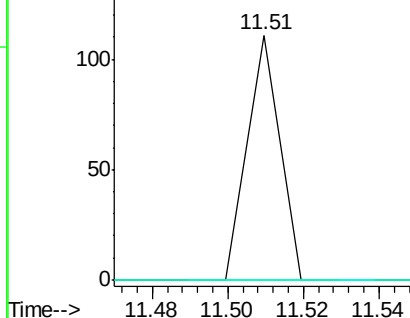


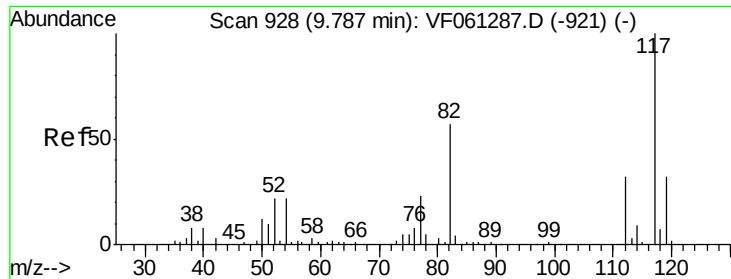
#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
RT: 11.51 min Scan# 1103
Delta R.T. 0.10 min
Lab File: VF061308.D
Acq: 9 Jan 2019 18:34

Tgt Ion: 95 Resp: 66
Ion Ratio Lower Upper
95 100
174 0.0 0.0 114.2
176 0.0 0.0 117.8



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

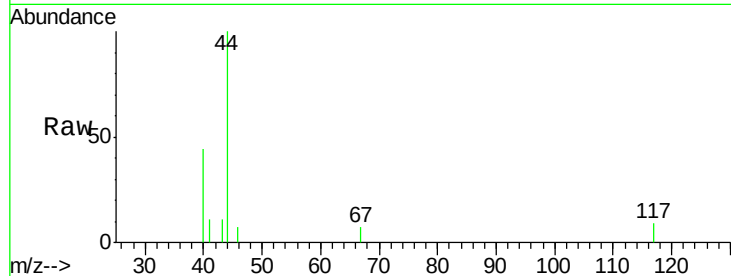




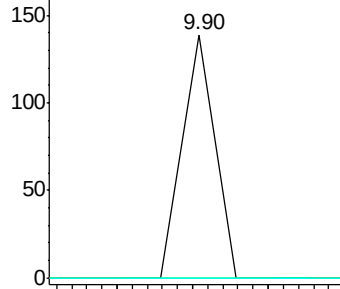
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. 0.11 min
Lab File: VF061308.D
Acq: 9 Jan 2019 18:34

Instrument :
MSVOA_F
ClientSampleId :
SP-1-5

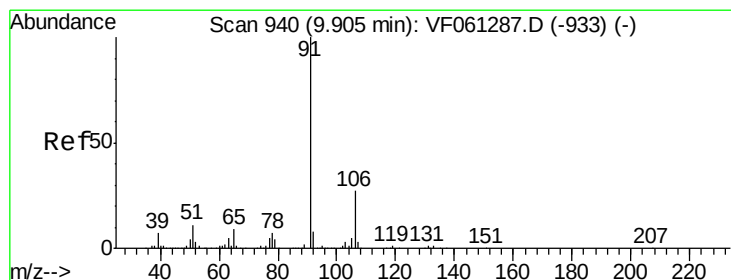
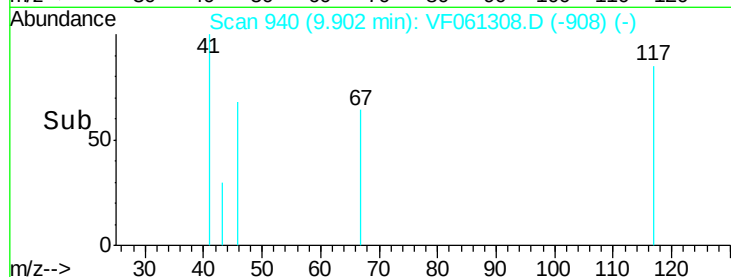
Tot Ion:117 Resp: 82
Ion Ratio Lower Upper
117 100
82 0.0 45.3 67.9#
119 0.0 25.4 38.0#



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

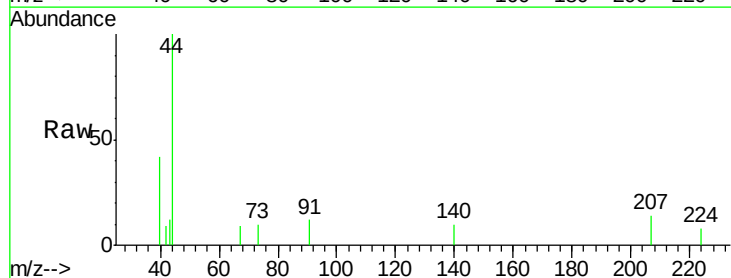


Time-->

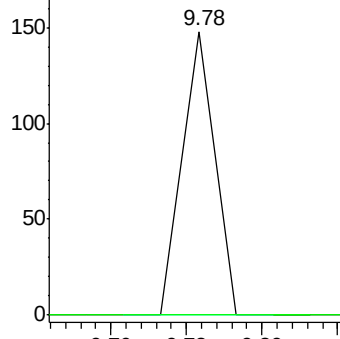


#67
Ethyl Benzene
Concen: 27.563 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.12 min
Lab File: VF061308.D
Acq: 9 Jan 2019 18:34

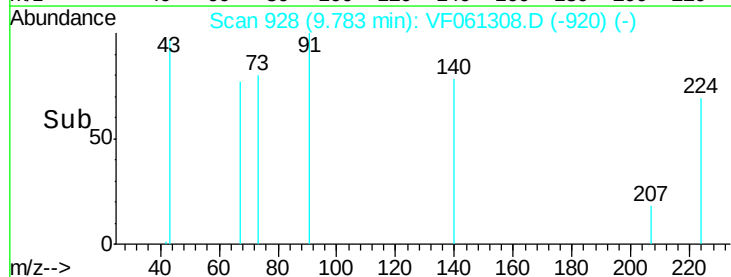
Tgt Ion: 91 Resp: 88
Ion Ratio Lower Upper
91 100
106 0.0 21.4 32.2#

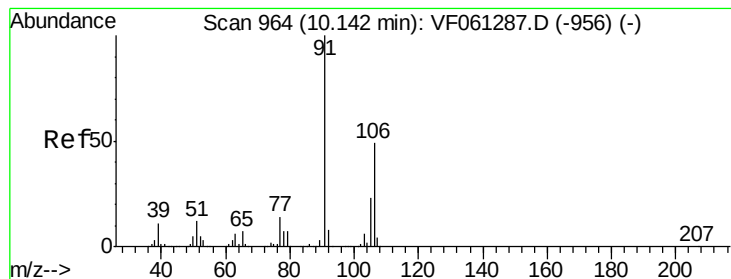


Abundance Ion 91.00 (90.70 to 91.70): VF0
Ion 106.00 (105.70 to 106.70): V



Time-->





#68

m/p-Xylenes

Concen: 53.876 ug/l

RT: 9.97 min Scan# 947

Delta R.T. -0.17 min

Lab File: VF061308.D

Acq: 9 Jan 2019 18:34

Instrument :

MSVOA_F

ClientSampleId :

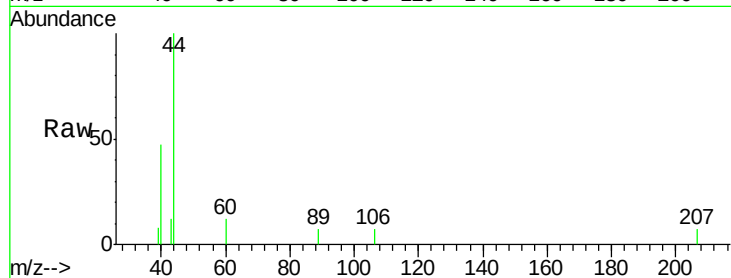
SP-1-5

Tot Ion:106 Resp: 60

Ion Ratio Lower Upper

106 100

91 0.0 165.0 247.6#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

9.97

100

80

60

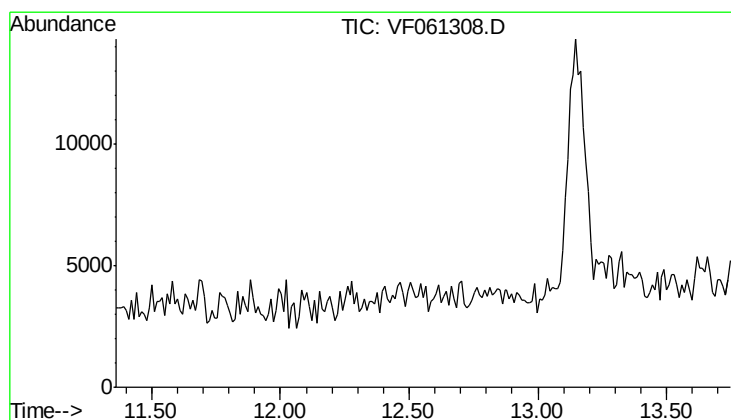
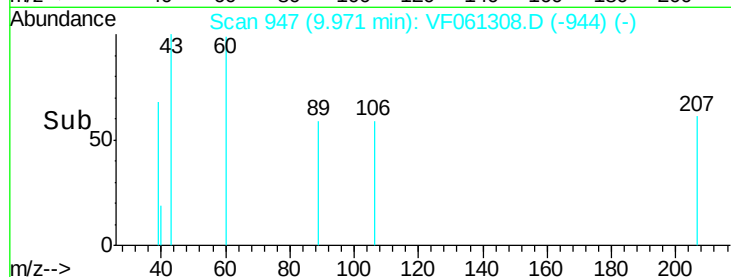
40

20

0

9.96 9.97 9.98 10.00

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 0.000 ug/l

Expected RT: 12.56 min

Lab File: VF061308.D

Acq: 9 Jan 2019 18:34

Tgt Ion: 152

Sig Exp Ratio

152 100

115 59.3

150 157.7

