

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
 Data File : VF059252.D
 Acq On : 21 Jun 2018 5:19
 Operator : VA/AP
 Sample : J3570-02
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 20180372-COMPOSITE-CS-1B

Quant Time: Jun 21 08:04:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

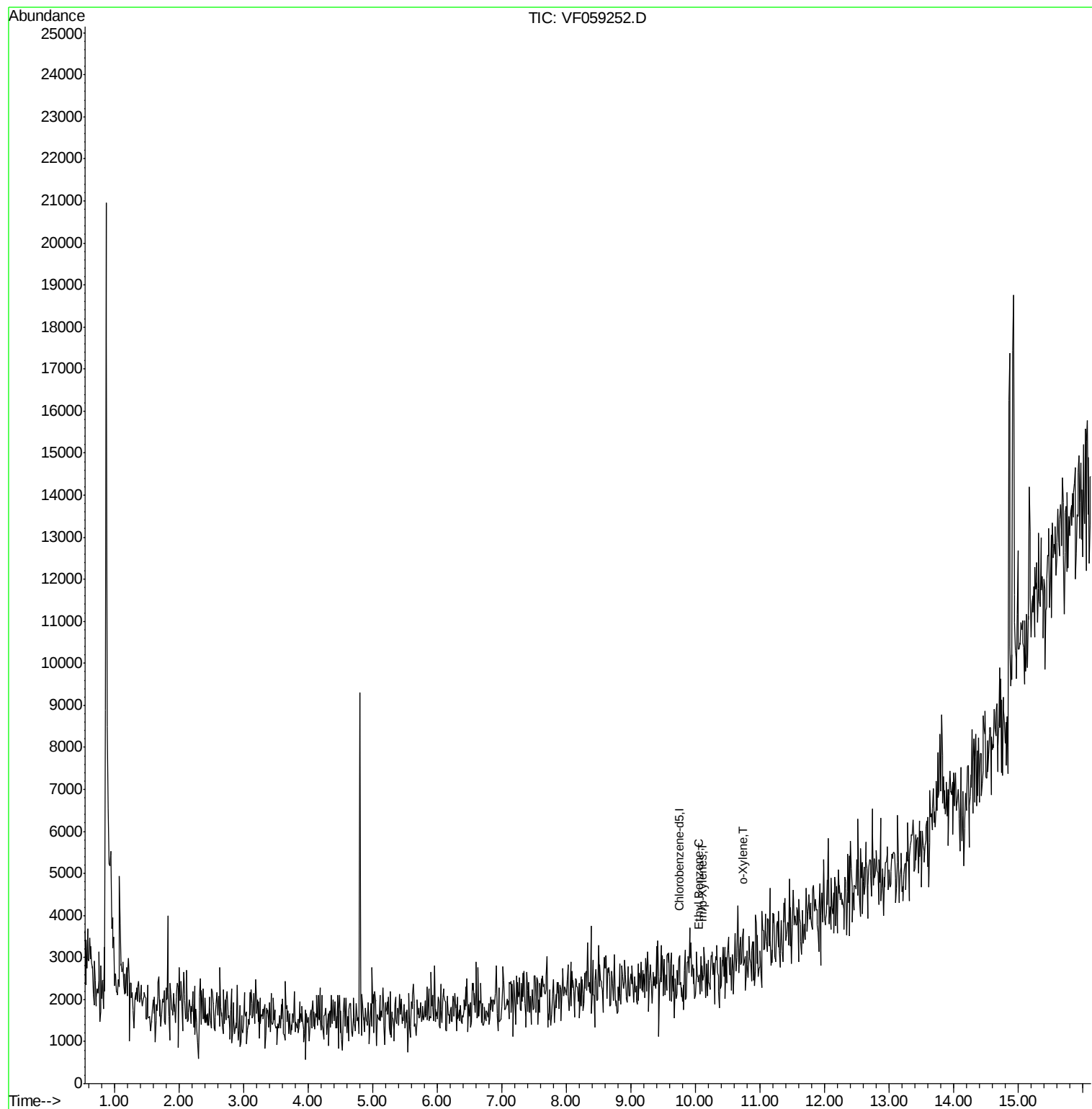
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-5.04
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.76
63) Chlorobenzene-d5	9.74	117	59	50.00	ug/l	-0.17
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.63
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.90	65	68	0.00	ug/l	-0.11
Spiked Amount 50.000			Recovery	=	0.00%	
35) Dibromofluoromethane	4.43	113	63	0.00	ug/l	0.13
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	11.61	95	99	0.00	ug/l	0.10
Spiked Amount 50.000			Recovery	=	0.00%	
Target Compounds						
67) Ethyl Benzene	10.05	91	75	36.94	ug/l #	44
68) m/p-Xylenes	10.12	106	65	85.52	ug/l #	1
69) o-Xylene	10.73	106	130	158.26	ug/l #	1

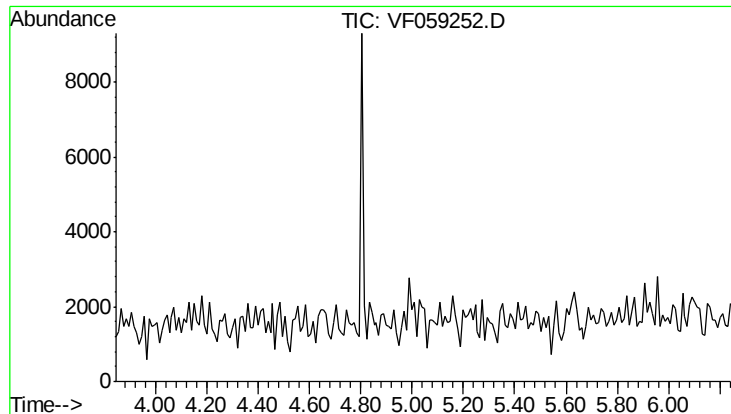
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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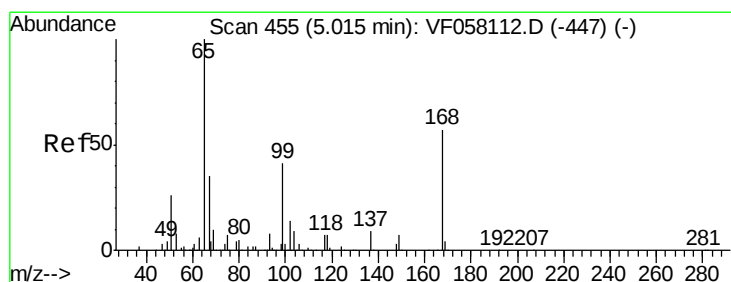
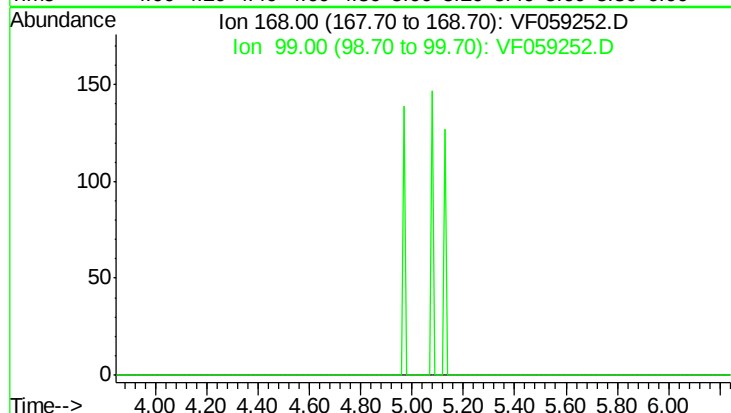




#1
 Pentafluorobenzene
 Concen: 0.00 ug/l
 Expected RT: 5.04 min
 Lab File: VF059252.D
 Acq: 21 Jun 2018 5:19

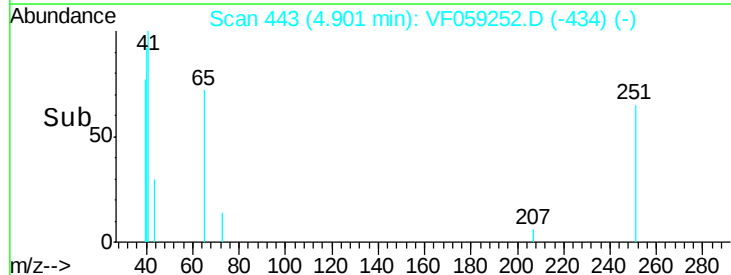
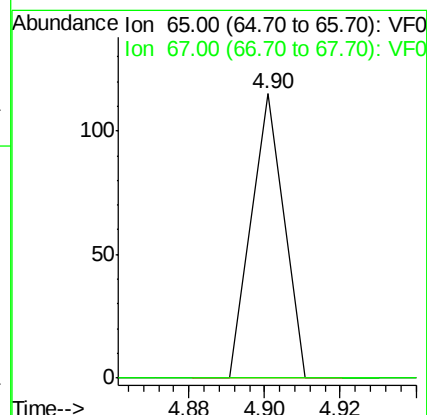
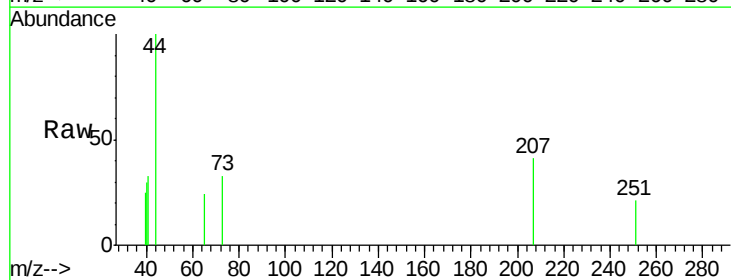
Instrument :
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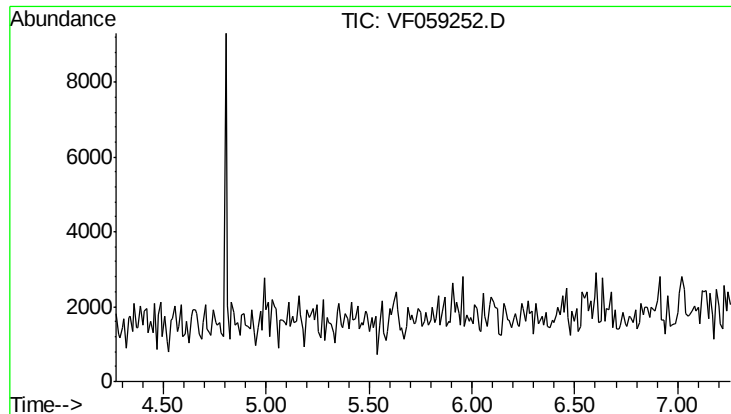
Tot Ion: 168
 Sig Exp Ratio
 168 100
 99 66.1



#33
 1,2-Dichloroethane-d4
 Concen: 0.00 ug/l
 RT: 4.90 min Scan# 443
 Delta R.T. -0.11 min
 Lab File: VF059252.D
 Acq: 21 Jun 2018 5:19

Tgt Ion: 65 Resp: 68
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 97.0





#34

1,4-Difluorobenzene

Concen: 0.00 ug/l

Expected RT: 5.76 min

Lab File: VF059252.D

Acq: 21 Jun 2018 5:19

Instrument :

MSVOA_F

ClientSampleId :

20180372-COMPOSITE-CS-1B

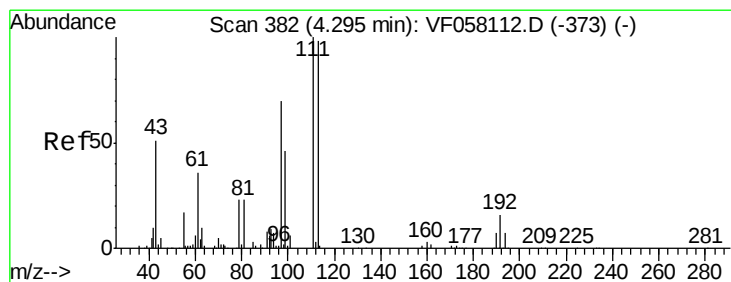
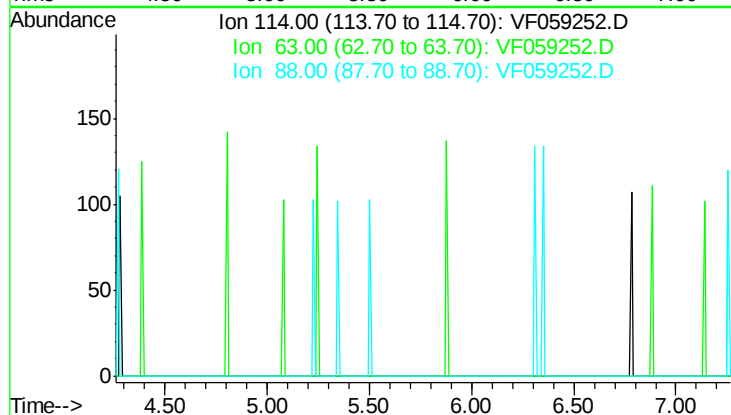
Tot Ion: 114

Sig Exp Ratio

114 100

63 20.8

88 19.4



#35

Dibromofluoromethane

Concen: 0.00 ug/l

RT: 4.43 min Scan# 395

Delta R.T. 0.13 min

Lab File: VF059252.D

Acq: 21 Jun 2018 5:19

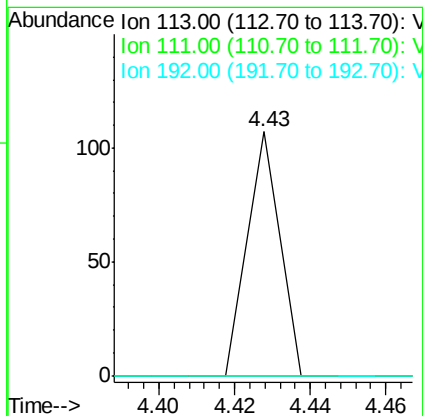
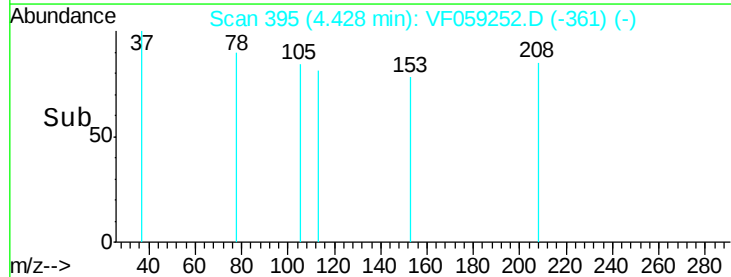
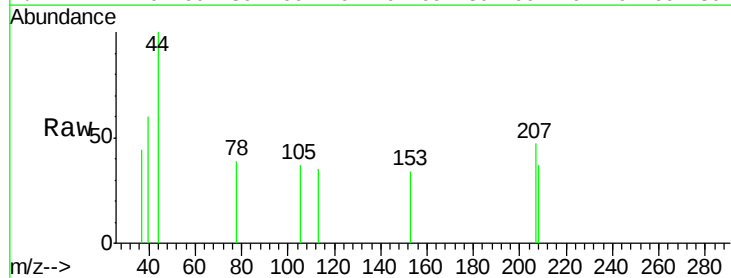
Tgt Ion: 113 Resp: 63

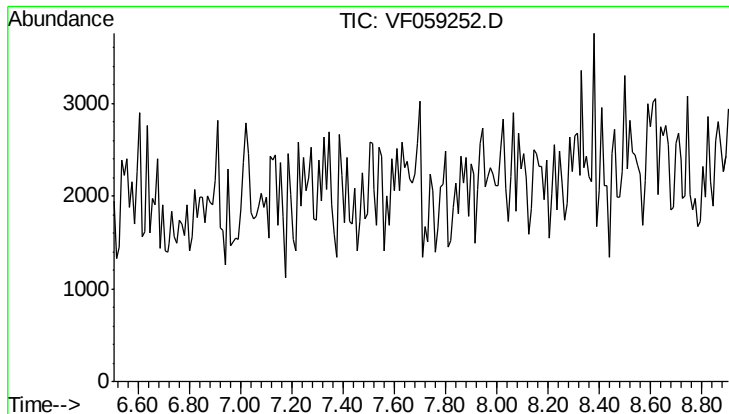
Ion Ratio Lower Upper

113 100

111 0.0 81.3 121.9#

192 0.0 12.7 19.1#



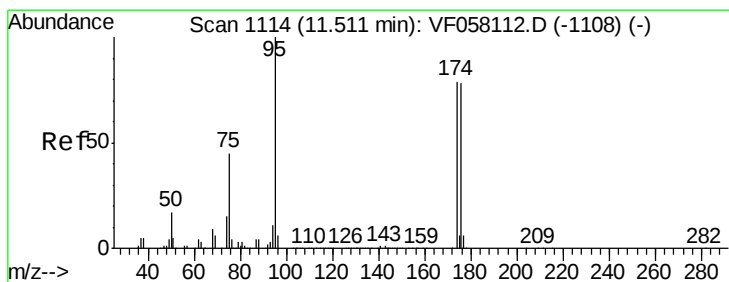
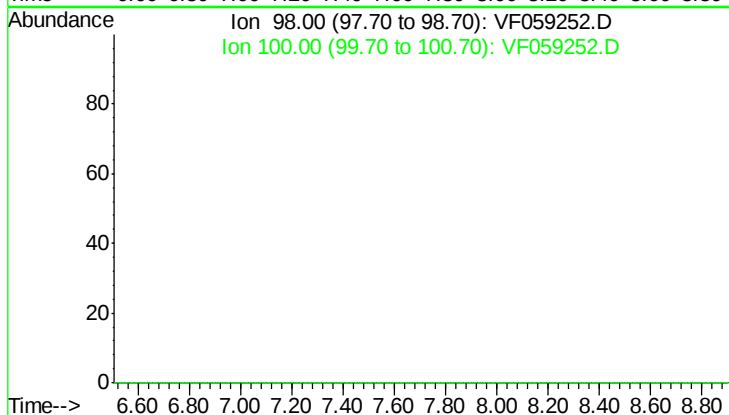


#50
Toluene-d8
Concen: 0.00 ug/l
Expected RT: 7.71 min

Lab File: VF059252.D
Acq: 21 Jun 2018 5:19

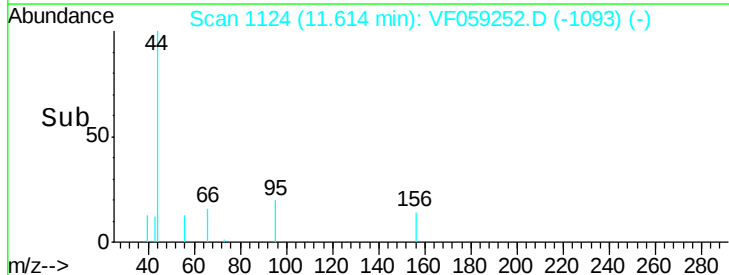
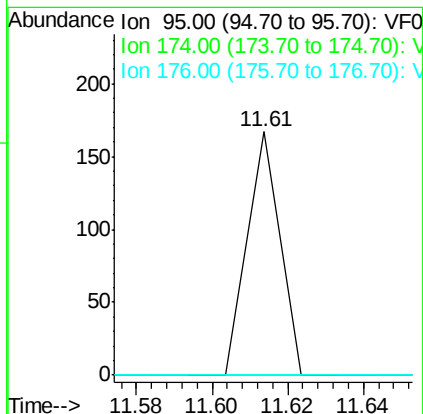
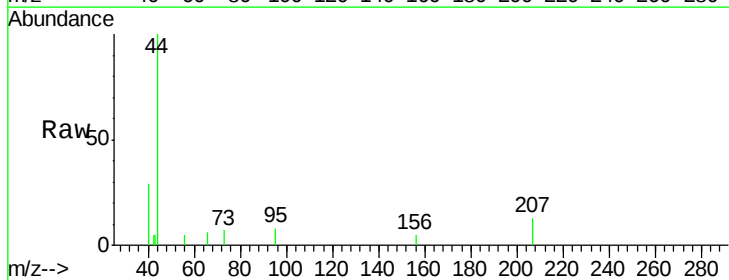
Instrument :
MSVOA_F
ClientSampleId :
20180372-COMPOSITE-CS-1B

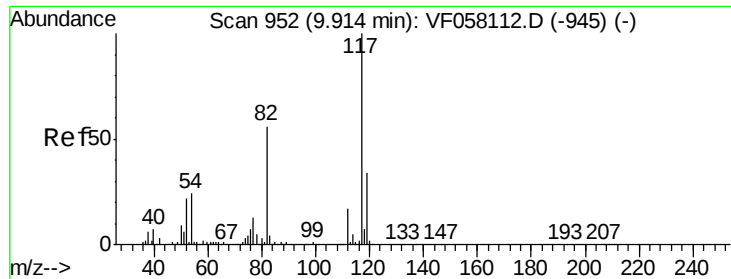
Tot Ion: 98
Sig Exp Ratio
98 100
100 69.5



#62
4-Bromofluorobenzene
Concen: 0.00 ug/l
RT: 11.61 min Scan# 1124
Delta R.T. 0.10 min
Lab File: VF059252.D
Acq: 21 Jun 2018 5:19

Tgt Ion: 95 Resp: 99
Ion Ratio Lower Upper
95 100
174 0.0 0.0 157.8
176 0.0 0.0 155.8

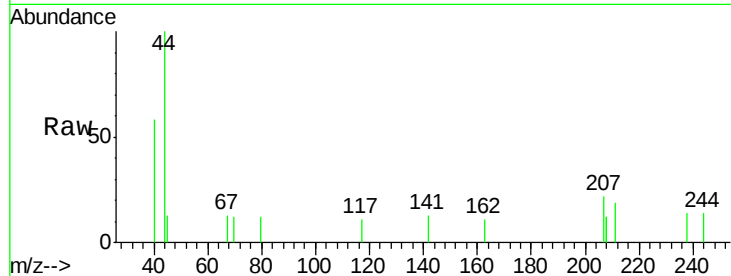




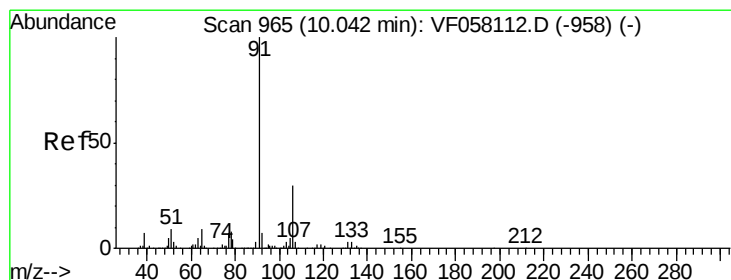
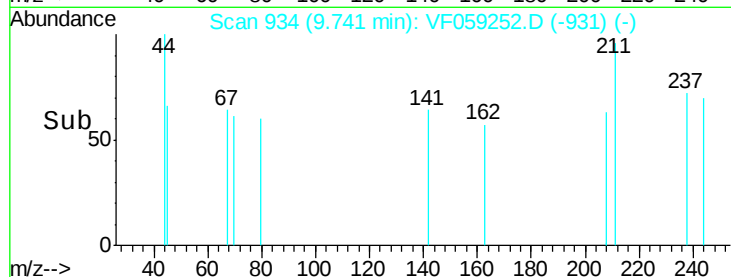
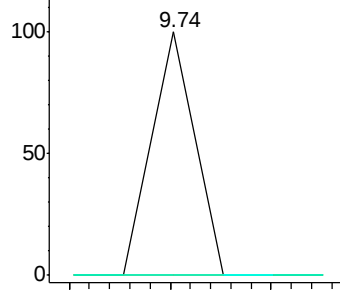
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.74 min Scan# 934
Delta R.T. -0.17 min
Lab File: VF059252.D
Acq: 21 Jun 2018 5:19

Instrument :
MSVOA_F
ClientSampleId :
20180372-COMPOSITE-CS-1B

Tot Ion:117 Resp: 59
Ion Ratio Lower Upper
117 100
82 0.0 45.2 67.8#
119 0.0 27.5 41.3#

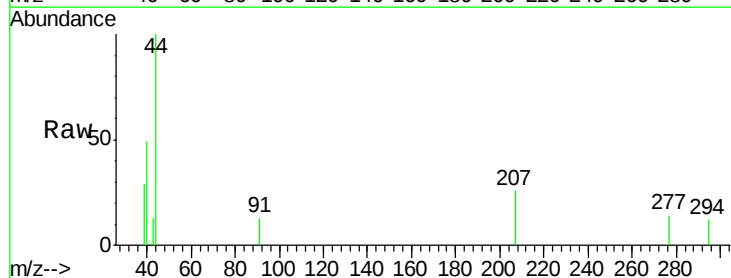


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

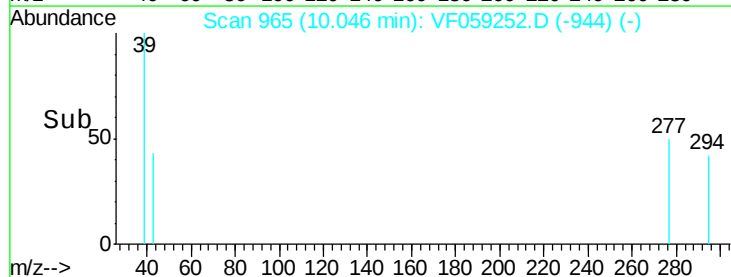
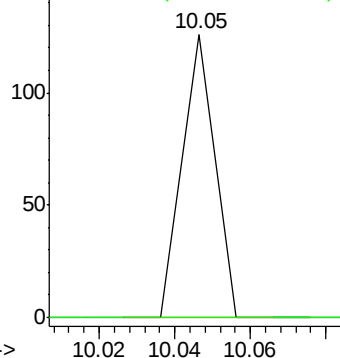


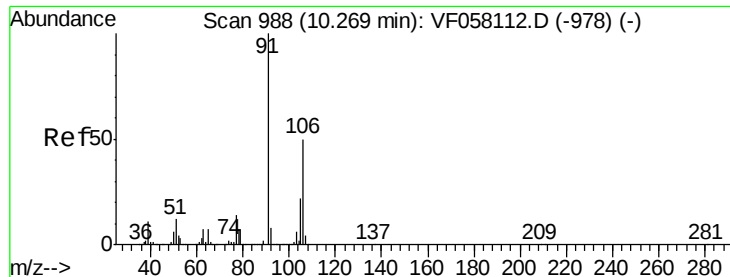
#67
Ethyl Benzene
Concen: 36.94 ug/l
RT: 10.05 min Scan# 965
Delta R.T. 0.00 min
Lab File: VF059252.D
Acq: 21 Jun 2018 5:19

Tgt Ion: 91 Resp: 75
Ion Ratio Lower Upper
91 100
106 0.0 24.2 36.4#



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

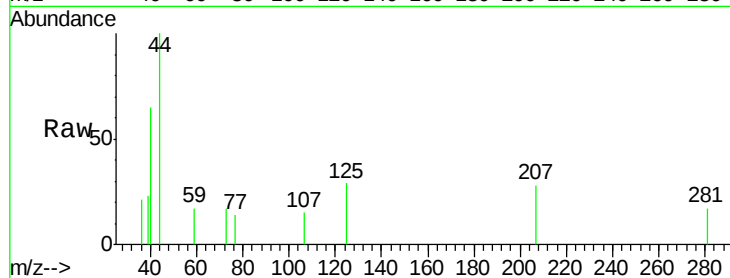




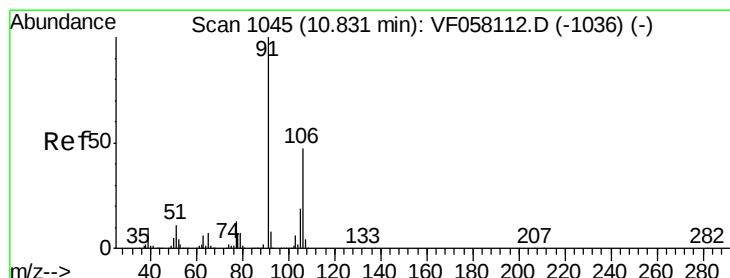
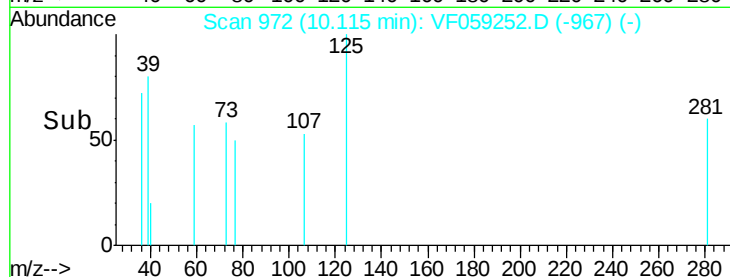
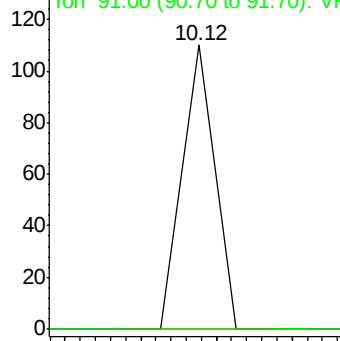
#68
m/p-Xylenes
Concen: 85.52 ug/l
RT: 10.12 min Scan# 972
Delta R.T. -0.15 min
Lab File: VF059252.D
Acq: 21 Jun 2018 5:19

Instrument :
MSVOA_F
ClientSampleId :
20180372-COMPOSITE-CS-1B

Tot Ion:106 Resp: 65
Ion Ratio Lower Upper
106 100
91 0.0 160.7 241.1#

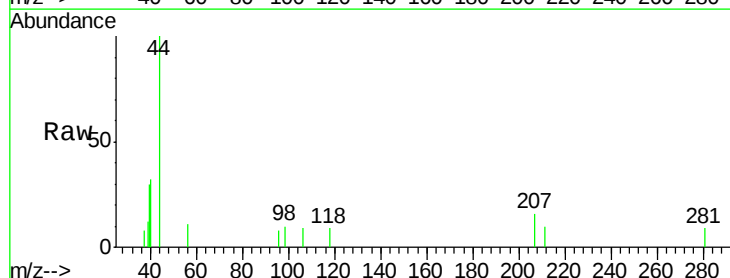


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

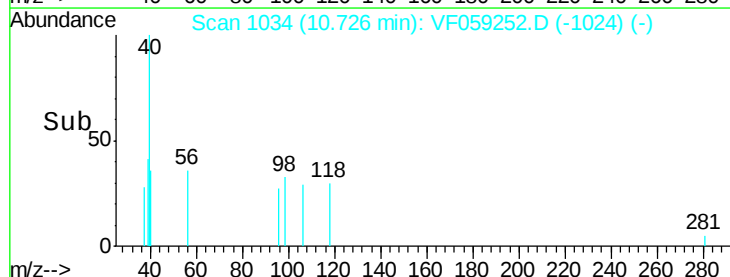
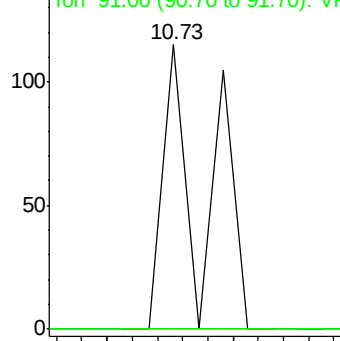


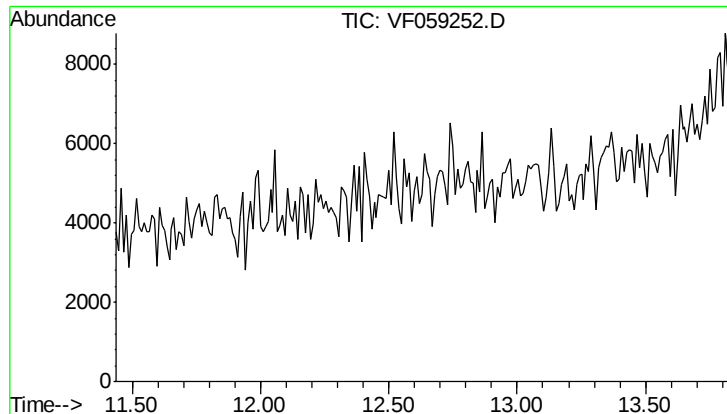
#69
o-Xylene
Concen: 158.26 ug/l
RT: 10.73 min Scan# 1034
Delta R.T. -0.10 min
Lab File: VF059252.D
Acq: 21 Jun 2018 5:19

Tgt Ion:106 Resp: 130
Ion Ratio Lower Upper
106 100
91 0.0 107.0 321.0#



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





#72
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ug/l
 Expected RT: 12.63 min
 Lab File: VF059252.D
 Acq: 21 Jun 2018 5:19

Instrument :
 MSVOA_F
 ClientSampleId :
 20180372-COMPOSITE-CS-1B

Tot Ion: 152
 Sig Exp Ratio
 152 100
 115 57.0
 150 161.9

