

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110918\
 Data File : VF060686.D
 Acq On : 9 Nov 2018 21:59
 Operator : VA/AP
 Sample : J5884-15
 Misc : 4.51g/5mL/MSVOA-F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-8A-D

Quant Time: Nov 12 04:15:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

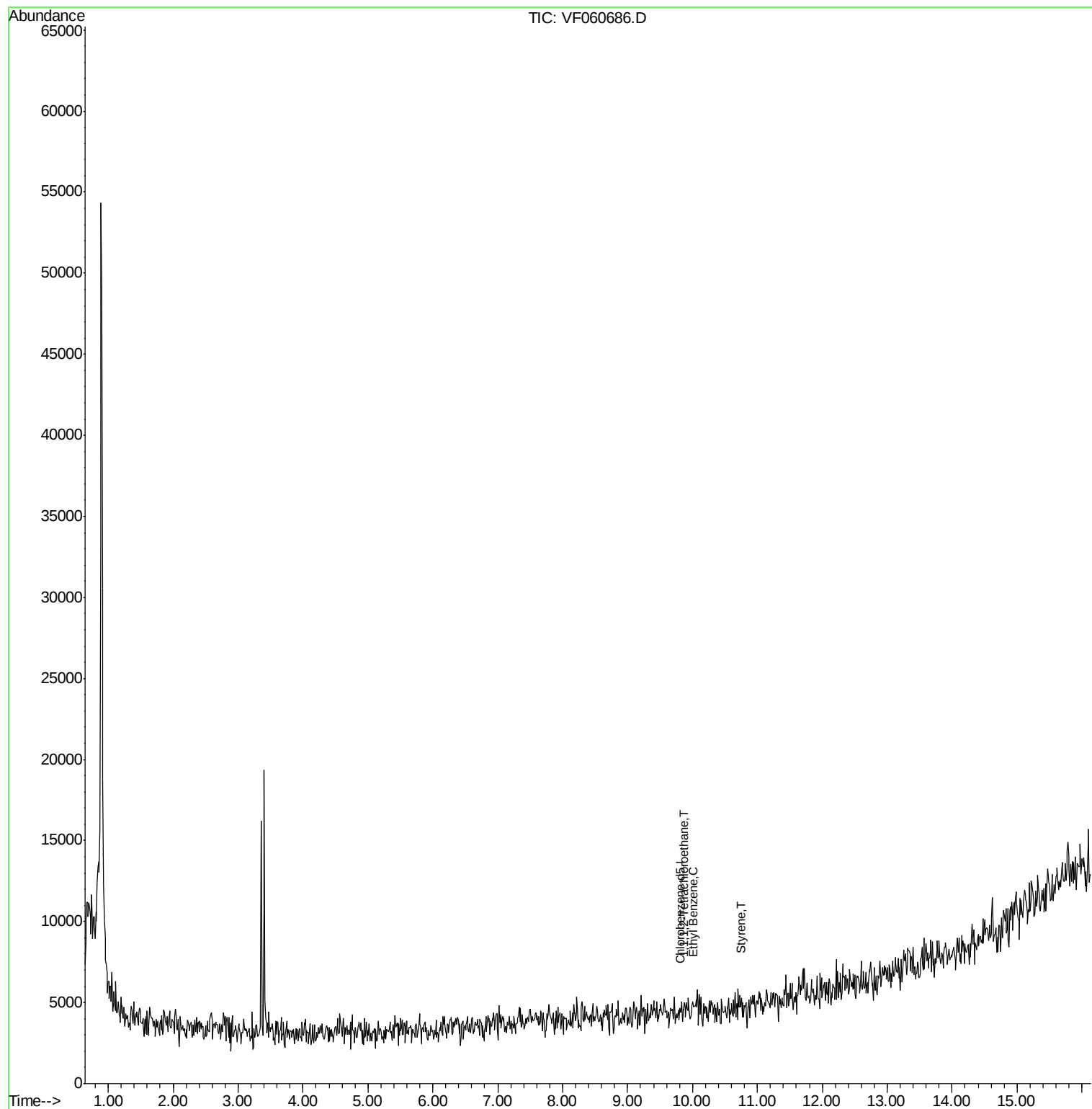
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-4.87
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.60
63) Chlorobenzene-d5	9.80	117	70	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	99	0.00	ug/l	-0.02
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	7.47	98	64	0.00	ug/l	-0.09
Spiked Amount 50.000			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	11.42	95	218	0.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	0.00%	
Target Compounds						
66) 1,1,1,2-Tetrachloroethane	9.87	131	67	110.768	ug/l #	6
67) Ethyl Benzene	10.00	91	127	48.889	ug/l #	44
70) Styrene	10.75	104	128	82.689	ug/l #	13

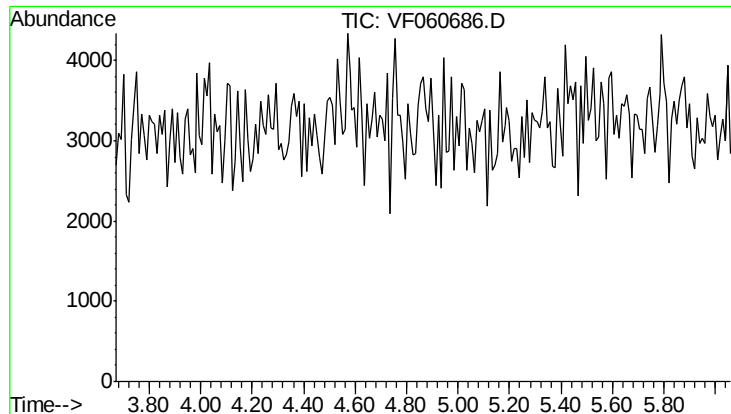
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 4.87 min

Lab File: VF060686.D

Acq: 9 Nov 2018 21:59

Tot Ion: 168

Sig Exp Ratio

168 100

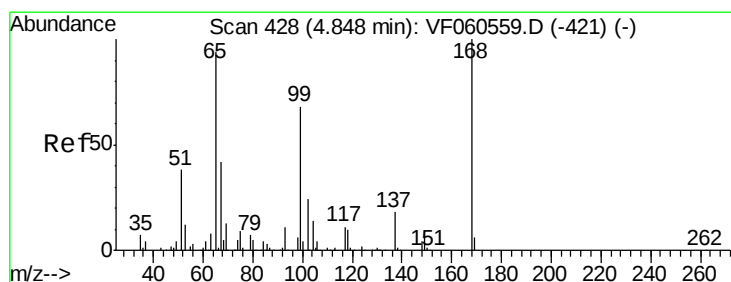
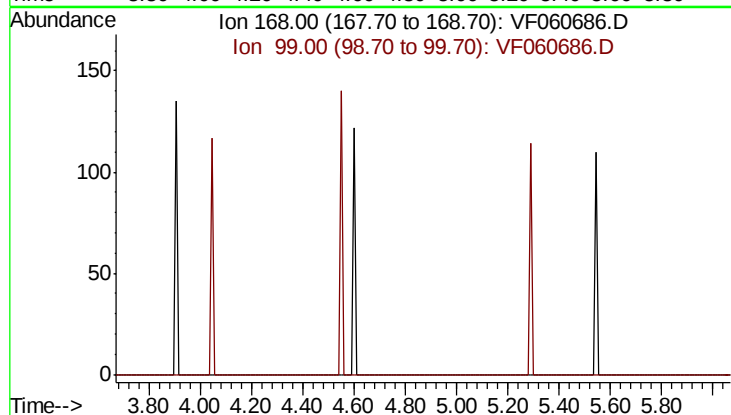
99 60.7

Instrument :

MSVOA_F

ClientSampleId :

TP-8A-D



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

RT: 4.83 min Scan# 425

Delta R.T. -0.02 min

Lab File: VF060686.D

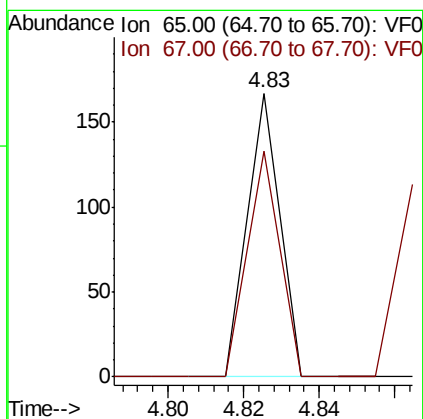
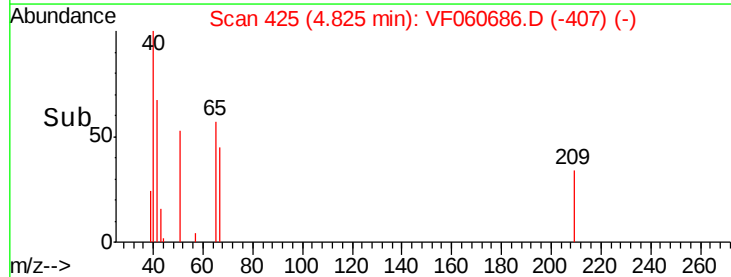
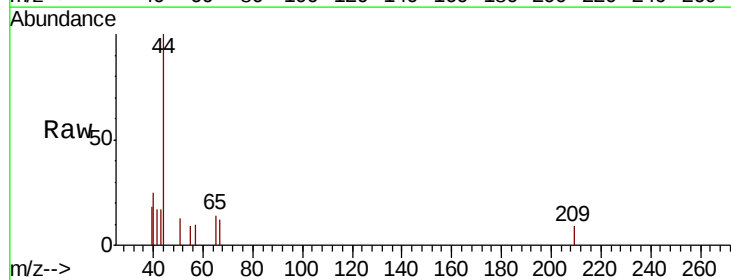
Acq: 9 Nov 2018 21:59

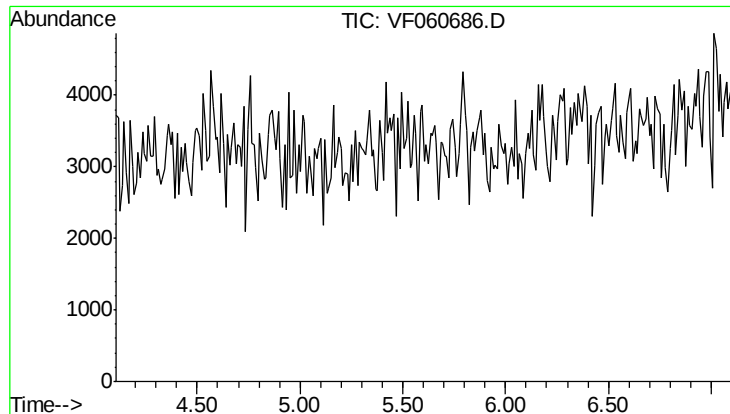
Tgt Ion: 65 Resp: 99

Ion Ratio Lower Upper

65 100

67 79.6 0.0 101.8

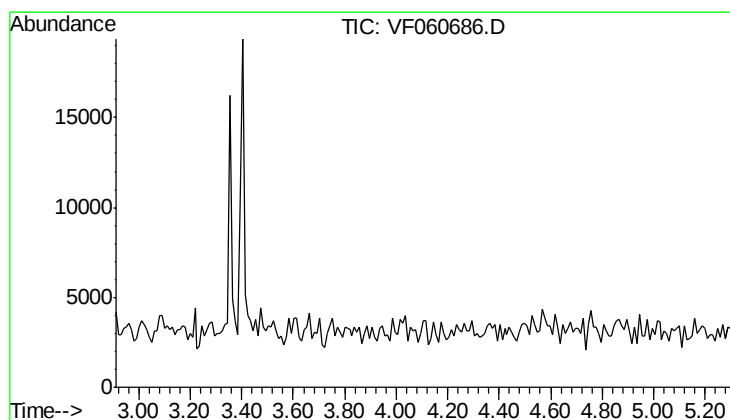
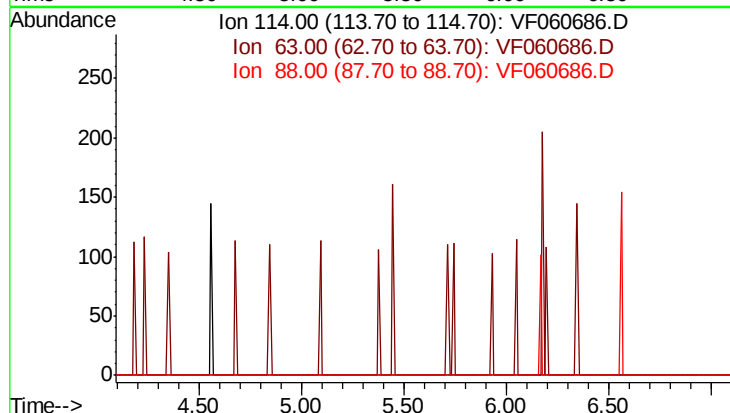




#34
 1,4-Difluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 5.60 min
 Lab File: VF060686.D
 Acq: 9 Nov 2018 21:59

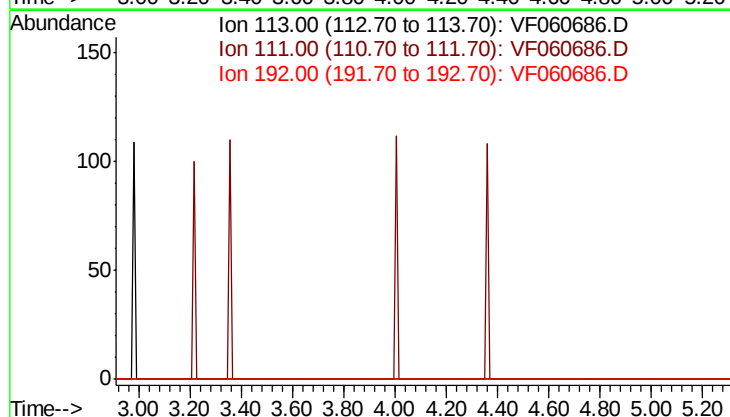
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-8A-D

Tot Ion: 114
 Sig Exp Ratio
 114 100
 63 19.5
 88 19.1



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 4.11 min
 Lab File: VF060686.D
 Acq: 9 Nov 2018 21:59

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 99.9
 192 16.6





#50

Toluene-d8

Concen: 0.000 ug/l

RT: 7.47 min Scan# 693

Delta R.T. -0.09 min

Lab File: VF060686.D

Acq: 9 Nov 2018 21:59

Instrument :

MSVOA_F

ClientSampleId :

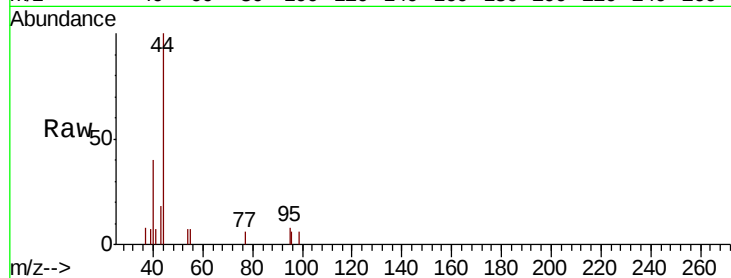
TP-8A-D

Tot Ion: 98 Resp: 64

Ion Ratio Lower Upper

98 100

100 0.0 59.4 89.2#



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.47

120

100

80

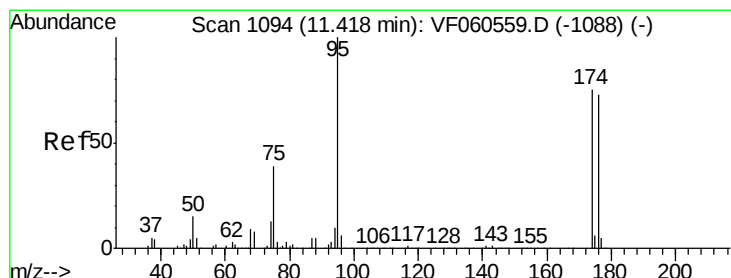
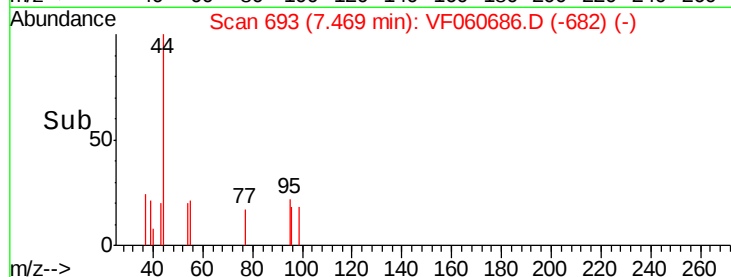
60

40

20

0

Time-->



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VF060686.D

Acq: 9 Nov 2018 21:59

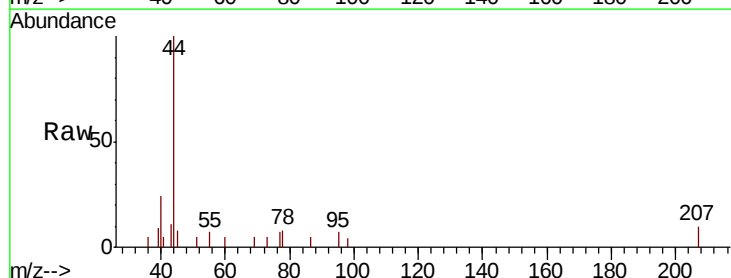
Tgt Ion: 95 Resp: 218

Ion Ratio Lower Upper

95 100

174 0.0 0.0 149.0

176 0.0 0.0 145.6



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

200

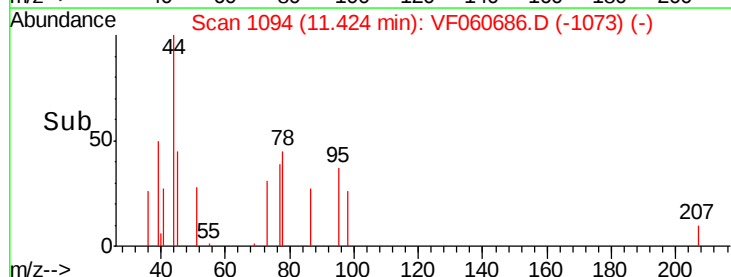
150

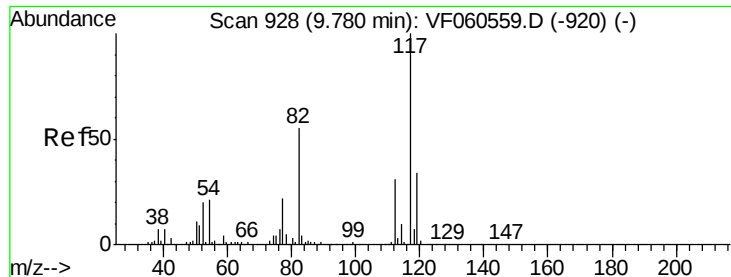
100

50

0

Time-->

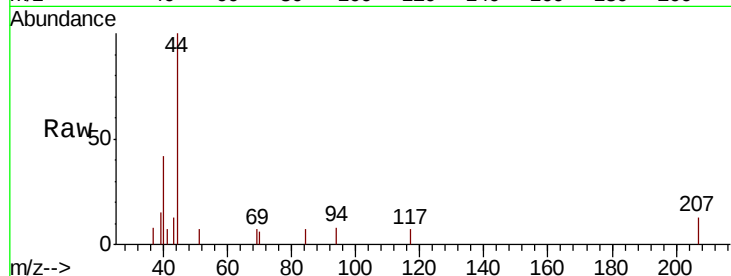




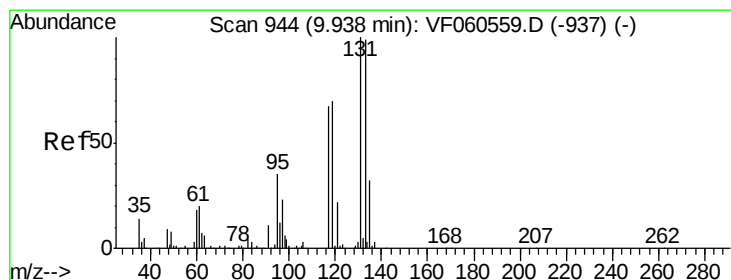
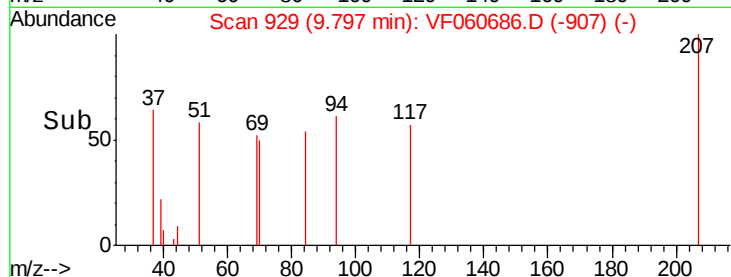
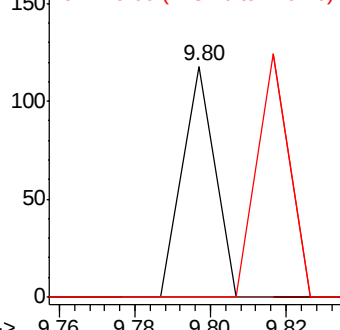
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 929
Delta R.T. 0.02 min
Lab File: VF060686.D
Acq: 9 Nov 2018 21:59

Instrument :
MSVOA_F
ClientSampleId :
TP-8A-D

Tot Ion:117 Resp: 70
Ion Ratio Lower Upper
117 100
82 0.0 43.9 65.9#
119 0.0 27.4 41.0#

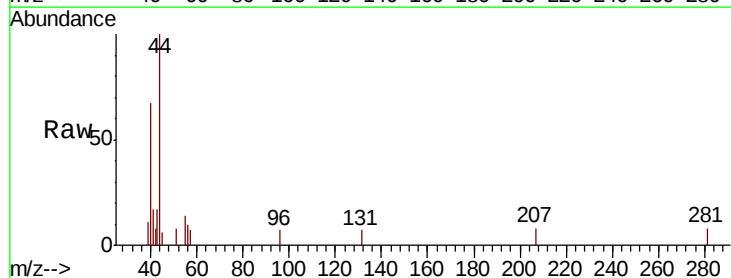


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

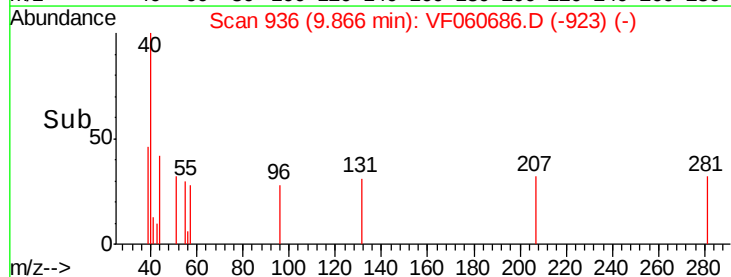
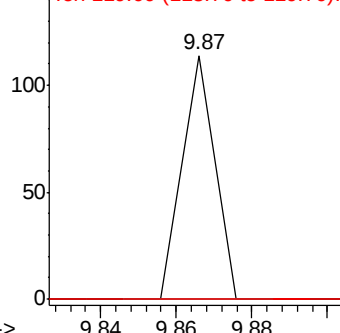


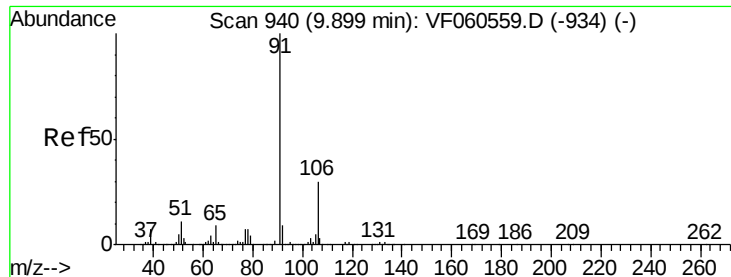
#66
1,1,1,2-Tetrachloroethane
Concen: 110.768 ug/l
RT: 9.87 min Scan# 936
Delta R.T. -0.07 min
Lab File: VF060686.D
Acq: 9 Nov 2018 21:59

Tgt Ion:131 Resp: 67
Ion Ratio Lower Upper
131 100
133 0.0 49.5 148.7#
119 0.0 35.2 105.6#



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V

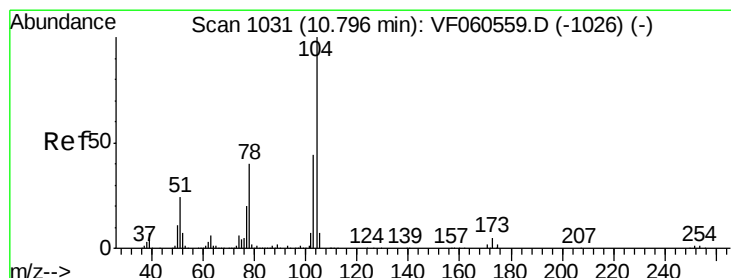
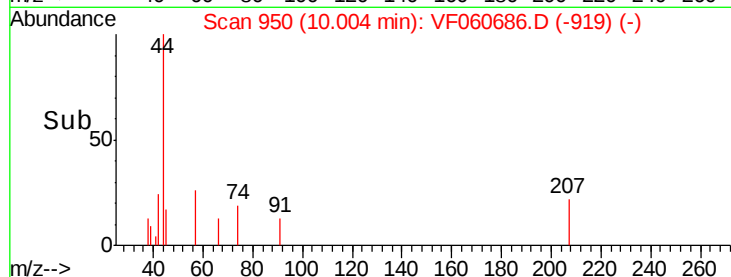
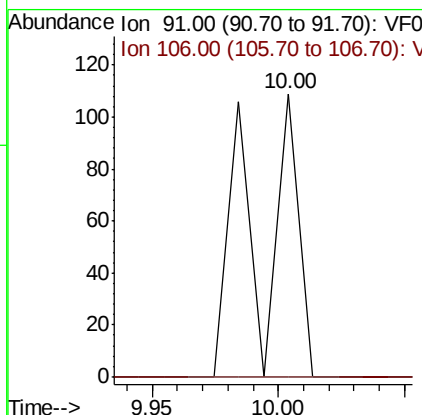
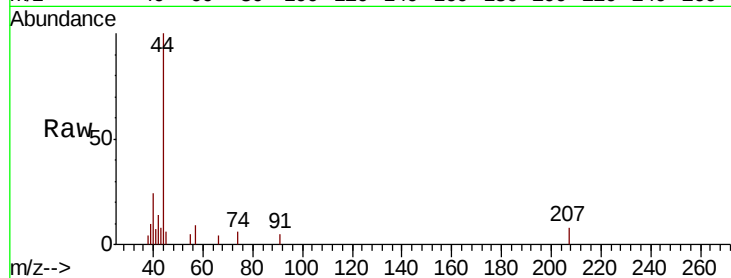




#67
Ethyl Benzene
Concen: 48.889 ug/l
RT: 10.00 min Scan# 950
Delta R.T. 0.11 min
Lab File: VF060686.D
Acq: 9 Nov 2018 21:59

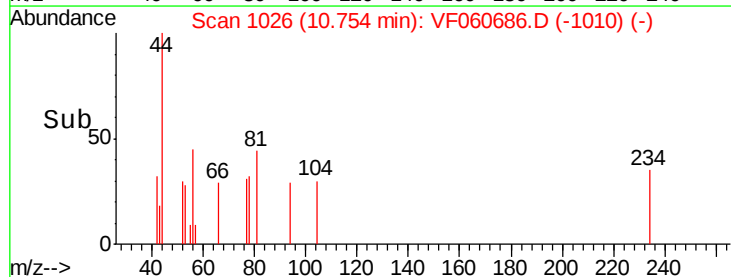
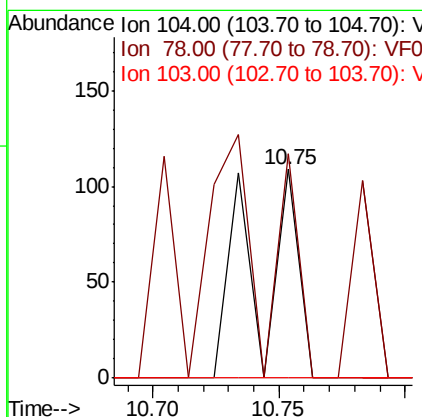
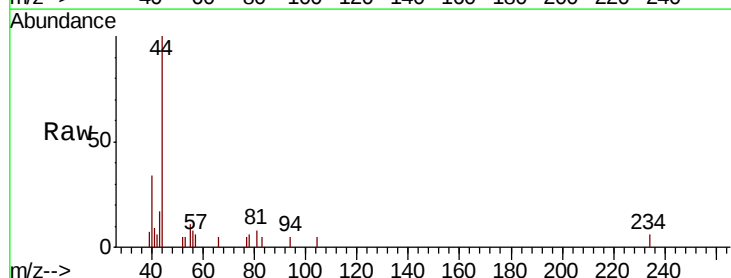
Instrument :
MSVOA_F
ClientSampled :
TP-8A-D

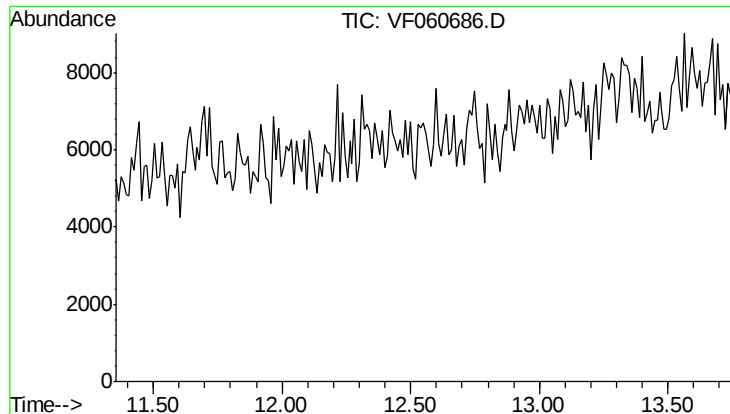
Tot Ion: 91 Resp: 127
Ion Ratio Lower Upper
91 100
106 0.0 24.2 36.4#



#70
Styrene
Concen: 82.689 ug/l
RT: 10.75 min Scan# 1026
Delta R.T. -0.04 min
Lab File: VF060686.D
Acq: 9 Nov 2018 21:59

Tgt Ion: 104 Resp: 128
Ion Ratio Lower Upper
104 100
78 107.3 32.6 49.0#
103 0.0 35.2 52.8#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 12.55 min
Lab File: VF060686.D
Acq: 9 Nov 2018 21:59

Instrument :
MSVOA_F
ClientSampleId :
TP-8A-D

Tot Ion: 152
Sig Exp Ratio
152 100
115 59.2
150 157.8

