

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120318\
 Data File : VF060900.D
 Acq On : 3 Dec 2018 19:20
 Operator : VA/AP
 Sample : J5762-07
 Misc : 6.34g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BU-02-112918

Quant Time: Dec 04 03:12:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 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	-4.91
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.64
63) Chlorobenzene-d5	9.85	117	73	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.57

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		5.00	65	140	0.00	ug/l	0.12
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		7.54	98	68	0.00	ug/l	-0.05
Spiked Amount	50.000			Recovery	=	0.00%	
62) 4-Bromofluorobenzene		11.47	95	60	0.00	ug/l	0.03
Spiked Amount	50.000			Recovery	=	0.00%	

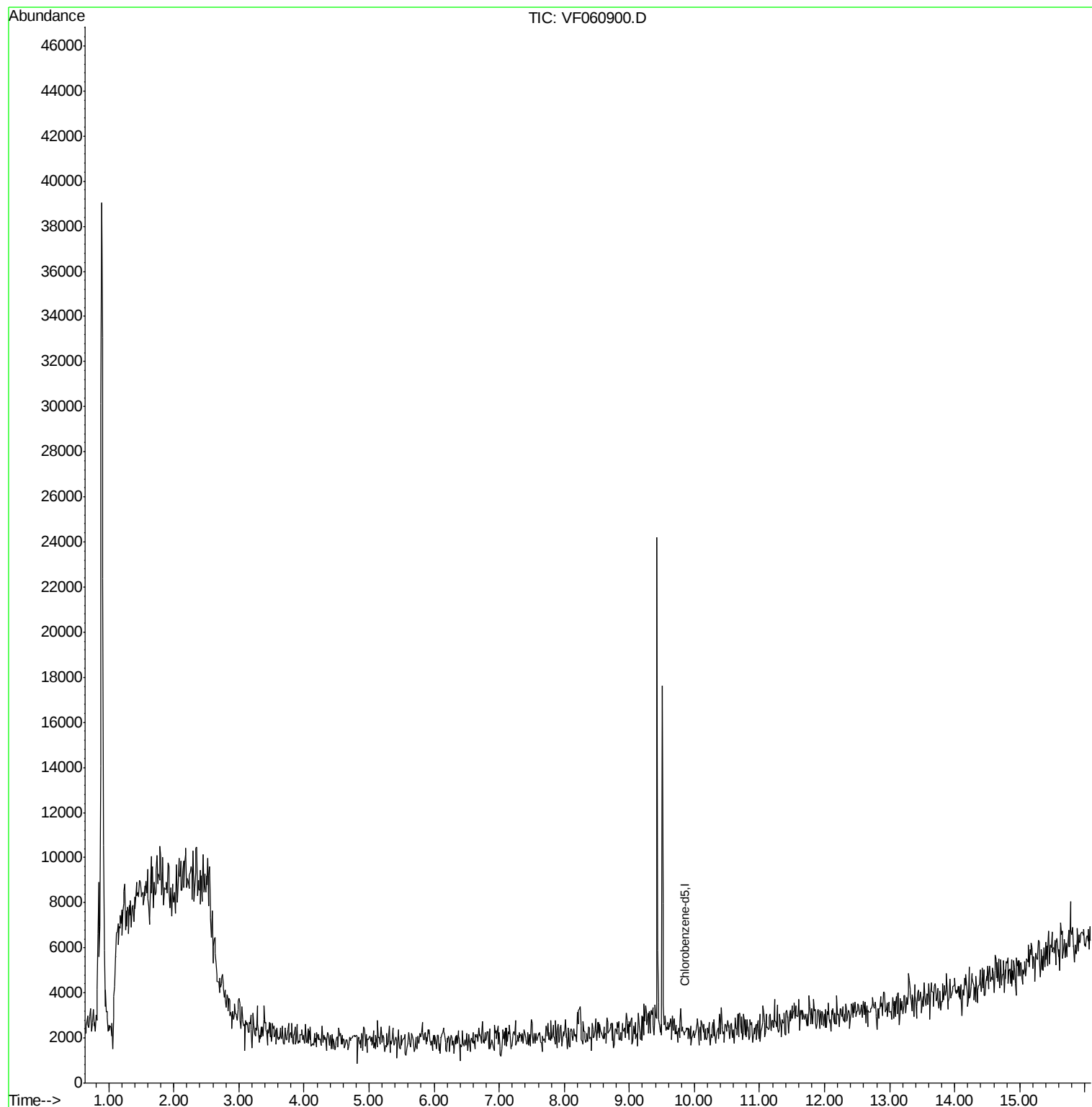
Target Compounds	Qvalue

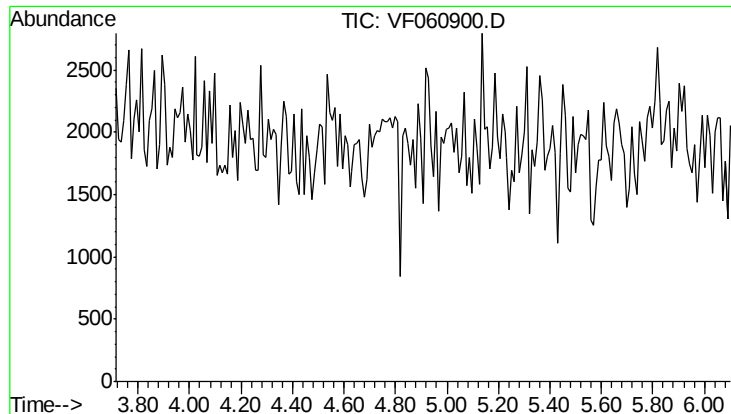
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 4.91 min

Lab File: VF060900.D

Acq: 3 Dec 2018 19:20

Tot Ion: 168

Sig Exp Ratio

168 100

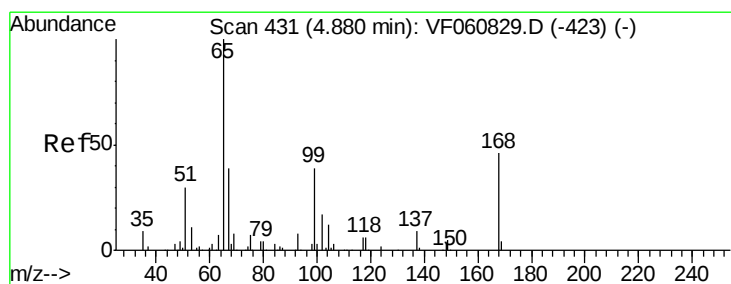
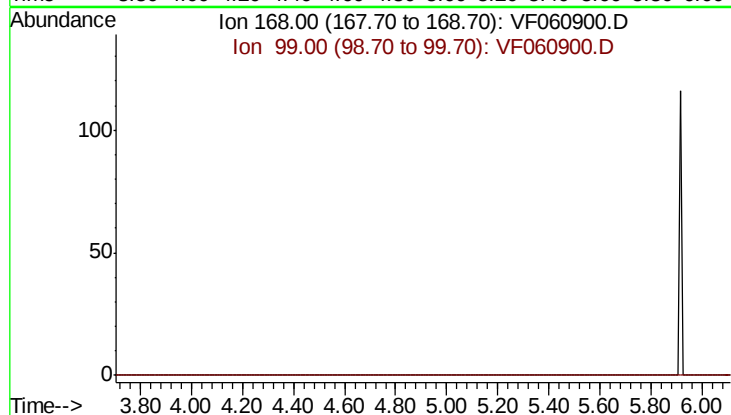
99 65.8

Instrument :

MSVOA_F

ClientSampleId :

BU-02-112918



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

RT: 5.00 min Scan# 443

Delta R.T. 0.12 min

Lab File: VF060900.D

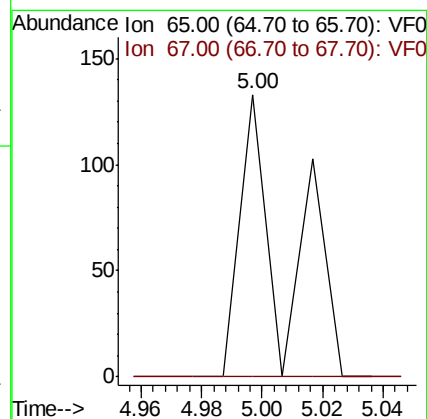
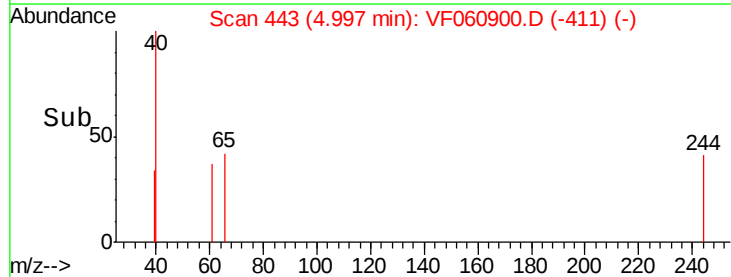
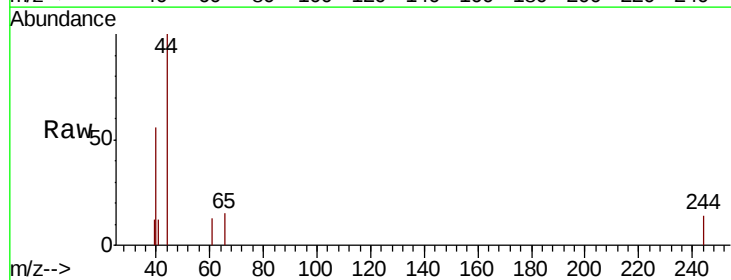
Acq: 3 Dec 2018 19:20

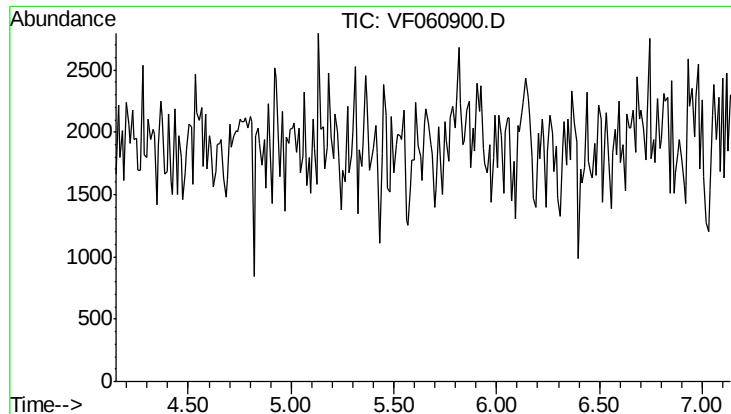
Tgt Ion: 65 Resp: 140

Ion Ratio Lower Upper

65 100

67 0.0 0.0 96.4

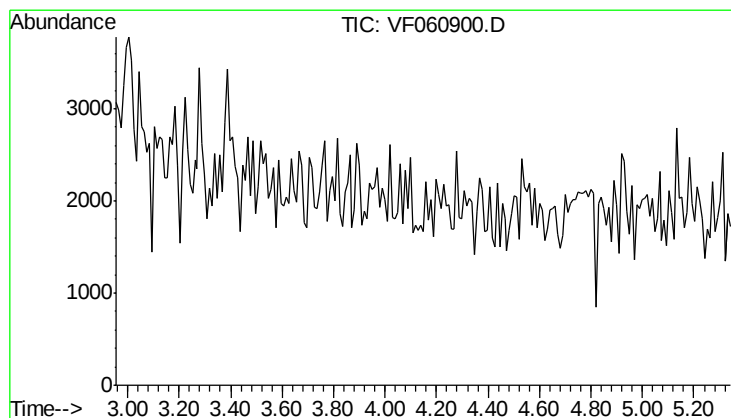
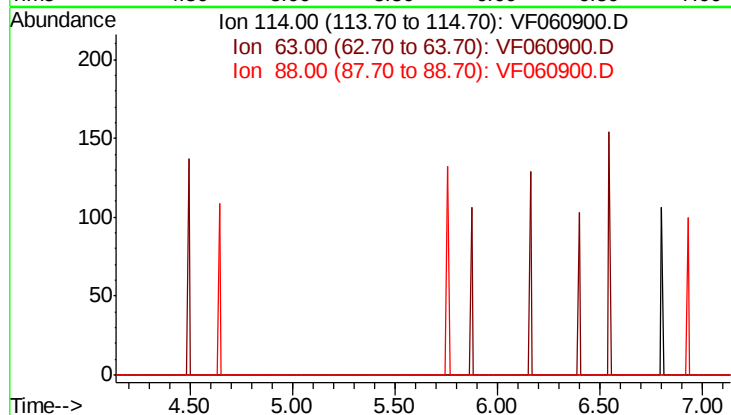




#34
 1,4-Difluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 5.64 min
 Lab File: VF060900.D
 Acq: 3 Dec 2018 19:20

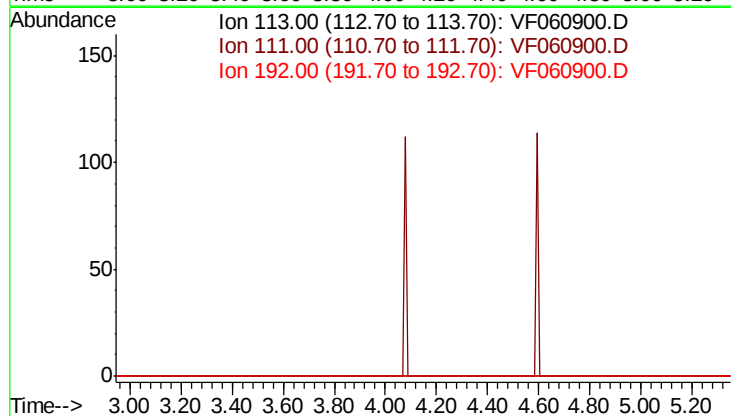
Instrument :
 MSVOA_F
 ClientSampleId :
 BU-02-112918

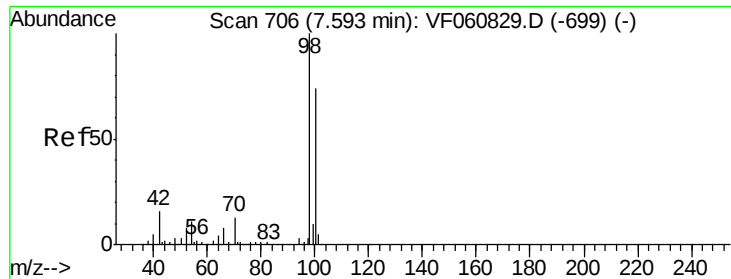
Tot Ion: 114
 Sig Exp Ratio
 114 100
 63 20.8
 88 18.3



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 4.15 min
 Lab File: VF060900.D
 Acq: 3 Dec 2018 19:20

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 103.8
 192 15.4





#50

Toluene-d8

Concen: 0.000 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.05 min

Lab File: VF060900.D

Acq: 3 Dec 2018 19:20

Instrument :

MSVOA_F

ClientSampleId :

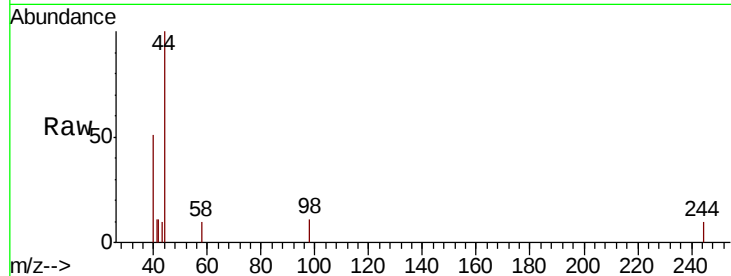
BU-02-112918

Tot Ion: 98 Resp: 68

Ion Ratio Lower Upper

98 100

100 0.0 59.3 88.9#



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.54

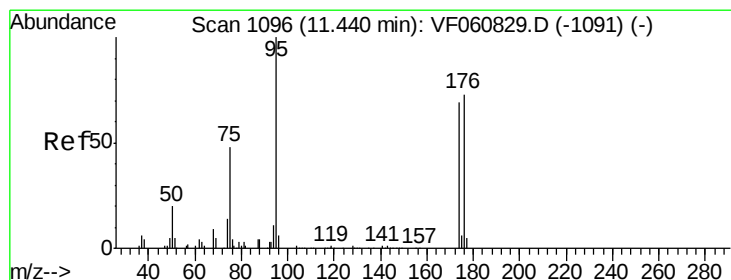
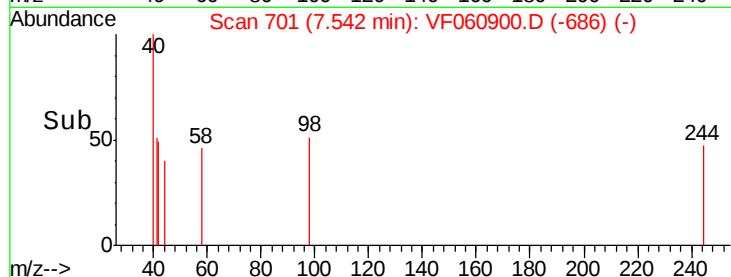
100

50

0

7.52 7.54 7.56

Time-->



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

RT: 11.47 min Scan# 1099

Delta R.T. 0.03 min

Lab File: VF060900.D

Acq: 3 Dec 2018 19:20

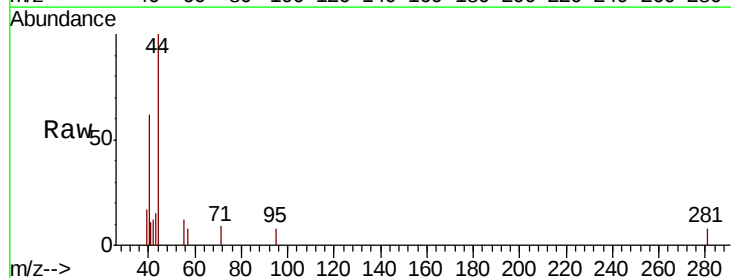
Tgt Ion: 95 Resp: 60

Ion Ratio Lower Upper

95 100

174 0.0 0.0 138.2

176 0.0 0.0 146.2



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

11.47

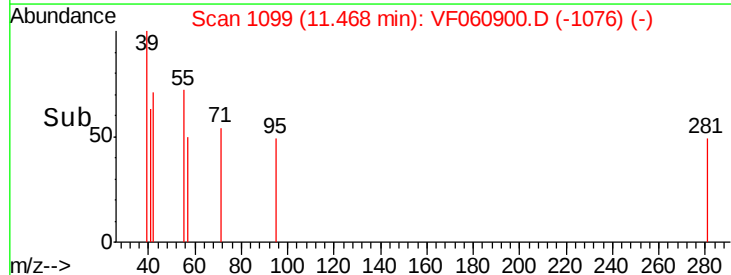
100

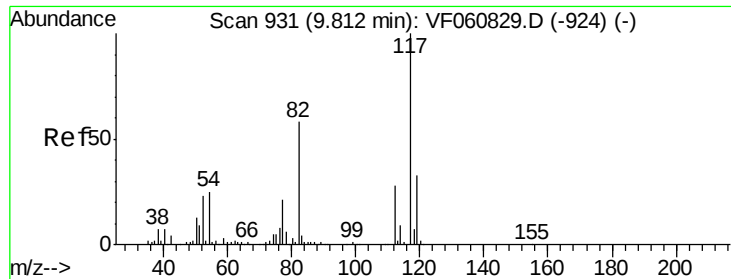
50

0

11.44 11.46 11.48 11.50

Time-->

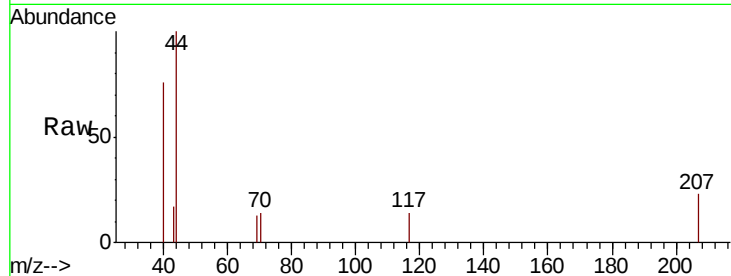




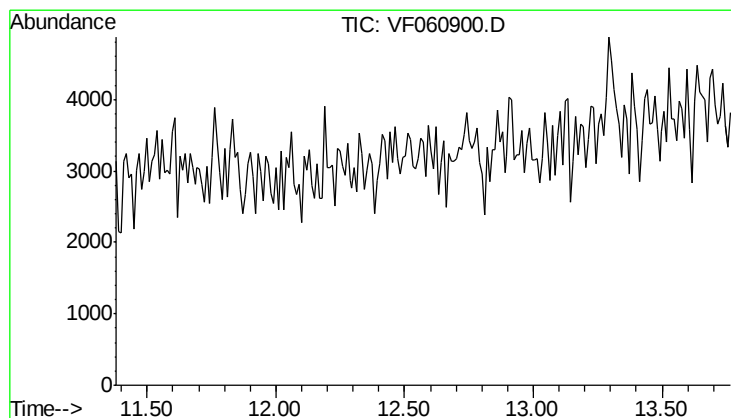
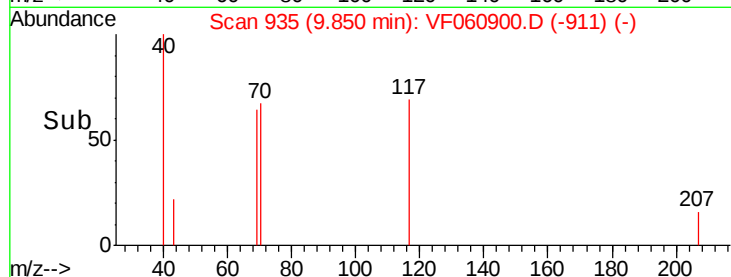
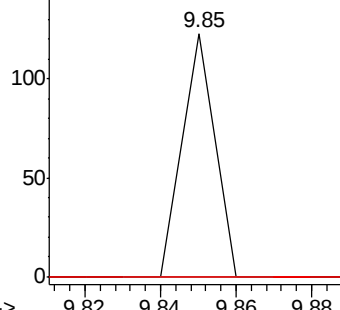
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.85 min Scan# 935
Delta R.T. 0.04 min
Lab File: VF060900.D
Acq: 3 Dec 2018 19:20

Instrument :
MSVOA_F
ClientSampleId :
BU-02-112918

Tot Ion:117 Resp: 73
Ion Ratio Lower Upper
117 100
82 0.0 46.6 69.8#
119 0.0 26.4 39.6#



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



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 12.57 min

Lab File: VF060900.D
Acq: 3 Dec 2018 19:20

Tgt Ion: 152
Sig Exp Ratio
152 100
115 60.3
150 163.8

