

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122818\
 Data File : VF061230.D
 Acq On : 28 Dec 2018 12:27
 Operator : VA/AP
 Sample : J6486-01
 Misc : 6.16g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S72-0053

Quant Time: Dec 29 06:25:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	108221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	173013	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.79	117	138063	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	65074	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	39292	28.23	ug/l	0.02
Spiked Amount	50.000		Recovery	=	56.46%	
35) Dibromofluoromethane	4.13	113	50315	36.30	ug/l	0.02
Spiked Amount	50.000		Recovery	=	72.60%	
50) Toluene-d8	7.57	98	148423	37.79	ug/l	0.02
Spiked Amount	50.000		Recovery	=	75.58%	
62) 4-Bromofluorobenzene	11.42	95	60061	33.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.34%	

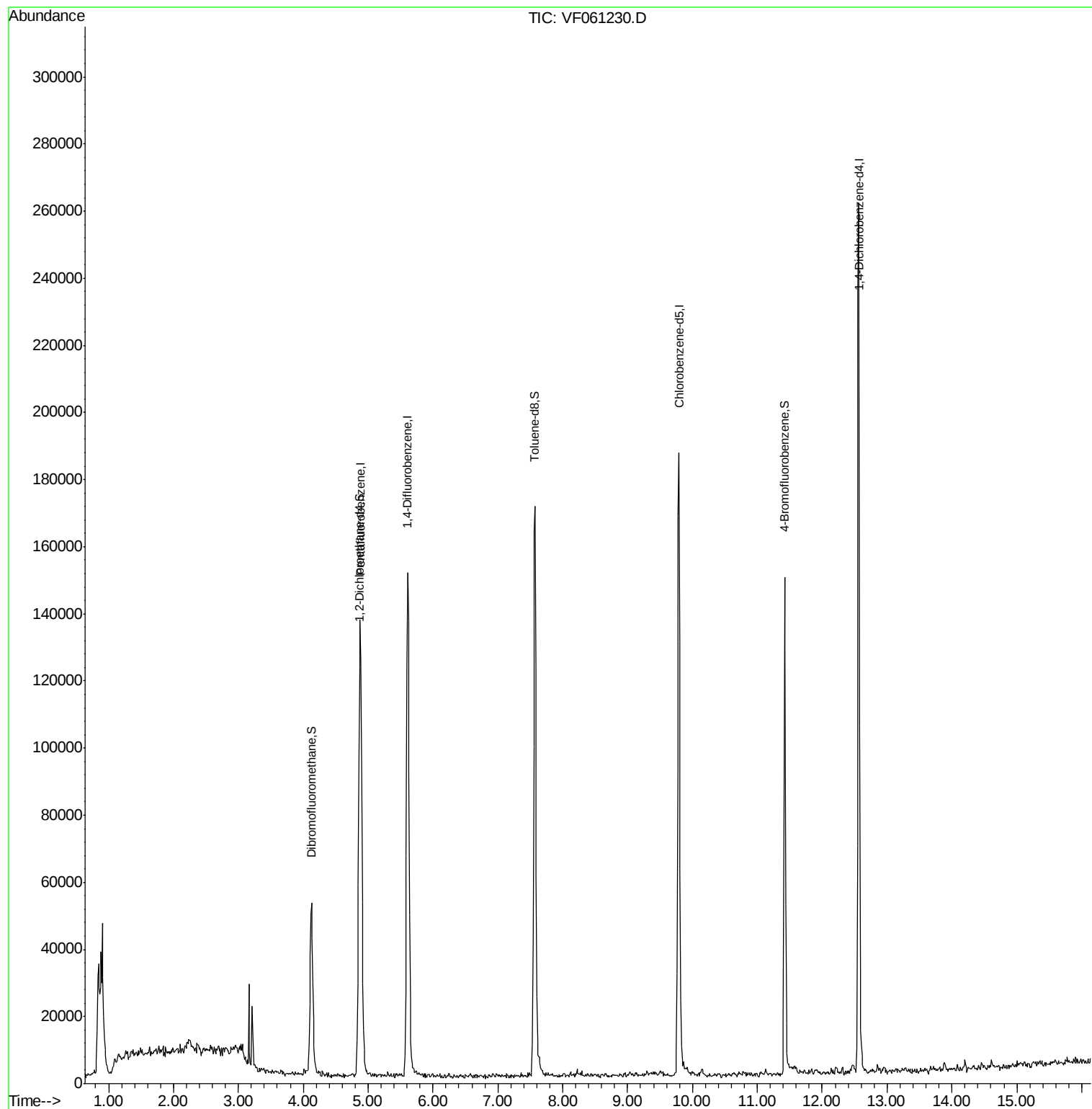
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF061230.D

Acq: 28 Dec 2018 12:27

Instrument :

MSVOA_F

ClientSampleId :

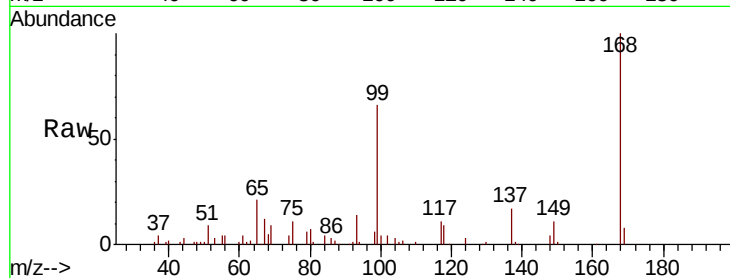
S72-0053

Tot Ion:168 Resp: 108221

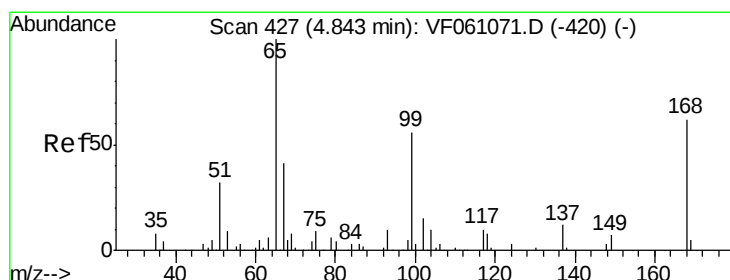
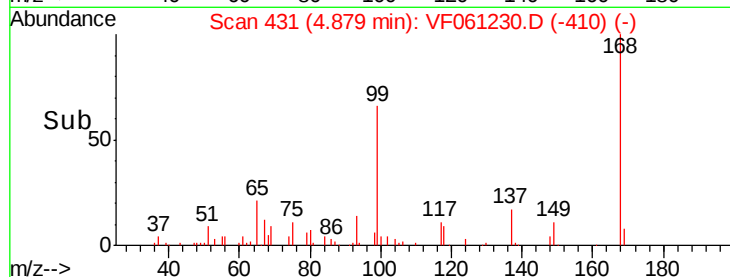
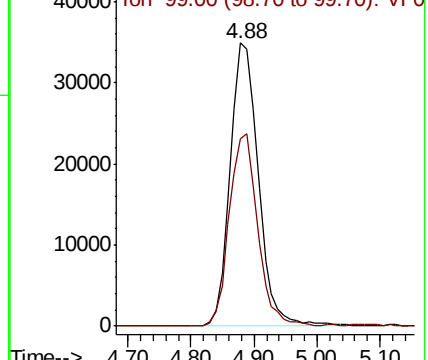
Ion Ratio Lower Upper

168 100

99 66.0 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 28.229 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.02 min

Lab File: VF061230.D

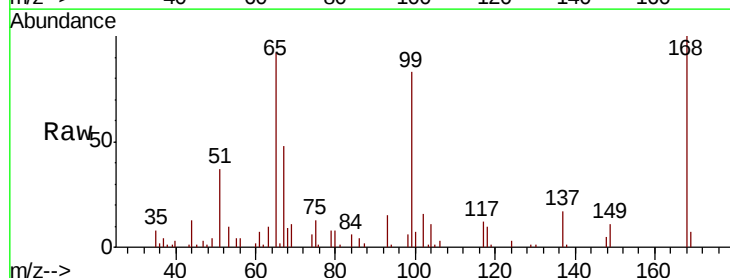
Acq: 28 Dec 2018 12:27

Tgt Ion: 65 Resp: 39292

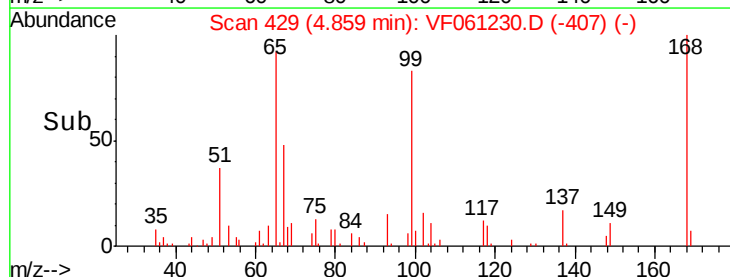
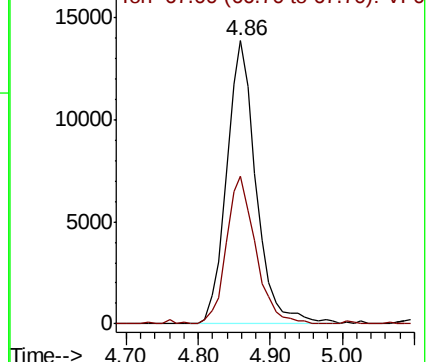
Ion Ratio Lower Upper

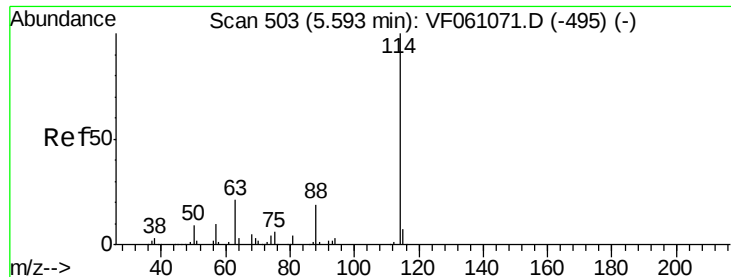
65 100

67 52.0 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

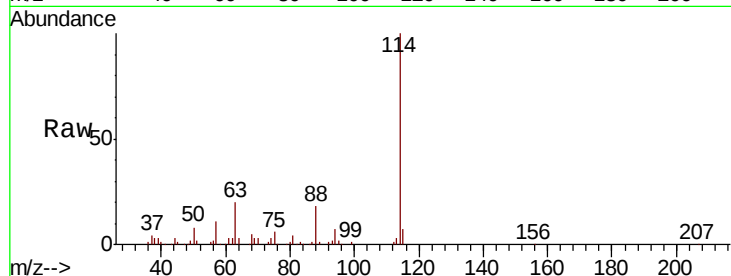




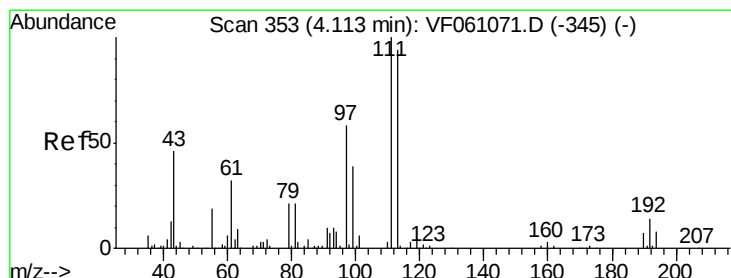
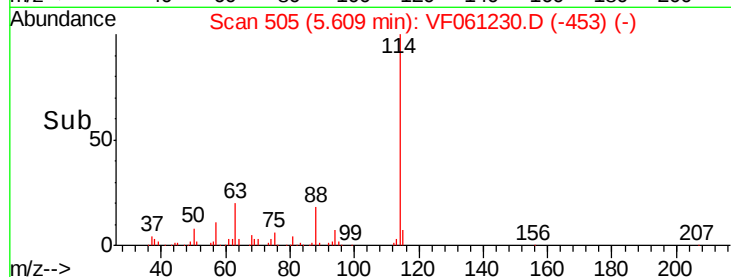
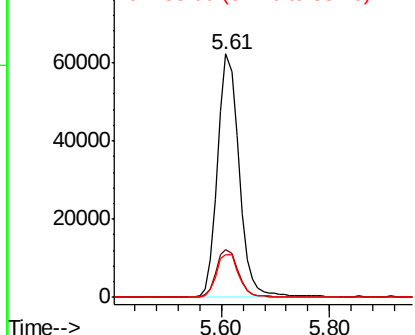
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.02 min
Lab File: VF061230.D
Acq: 28 Dec 2018 12:27

Instrument :
MSVOA_F
ClientSampleId :
S72-0053

Tot Ion:114 Resp: 173013
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 17.7 0.0 38.0

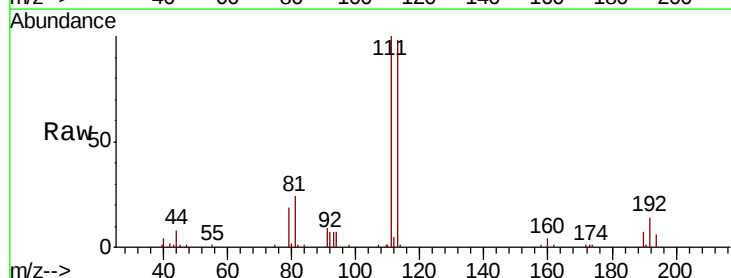


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

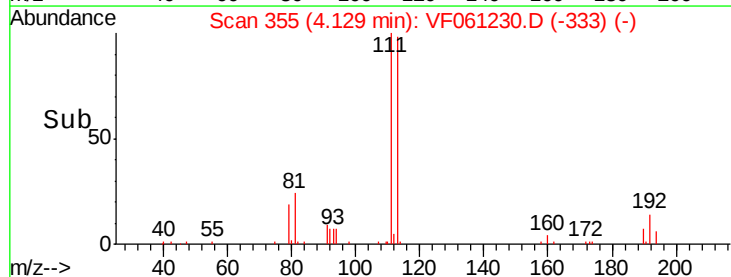
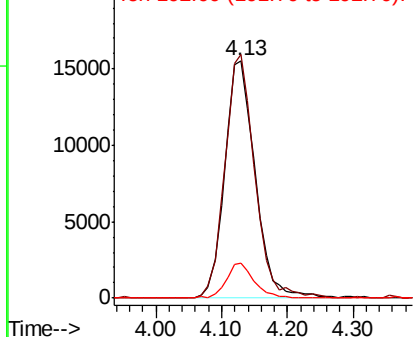


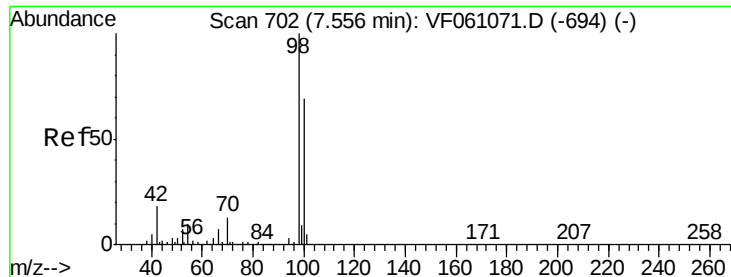
#35
Dibromofluoromethane
Concen: 36.304 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.02 min
Lab File: VF061230.D
Acq: 28 Dec 2018 12:27

Tgt Ion:113 Resp: 50315
Ion Ratio Lower Upper
113 100
111 102.5 85.2 127.8
192 14.6 12.8 19.2



Abundance Ion 113.00 (112.70 to 113.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 37.790 ug/l

RT: 7.57 min Scan# 704

Delta R.T. 0.02 min

Lab File: VF061230.D

Acq: 28 Dec 2018 12:27

Instrument :

MSVOA_F

ClientSampleId :

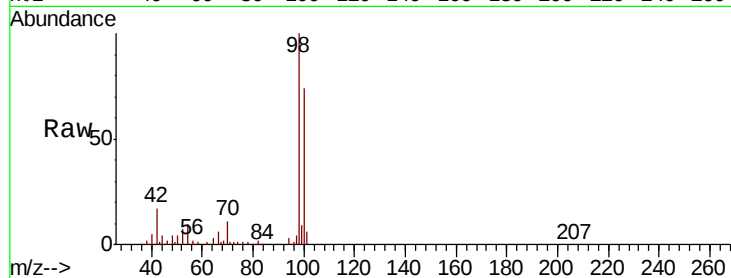
S72-0053

Tot Ion: 98 Resp: 148423

Ion Ratio Lower Upper

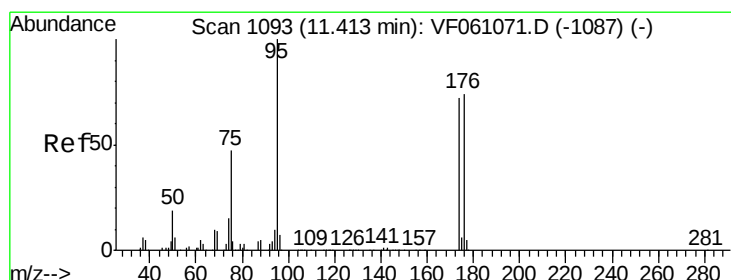
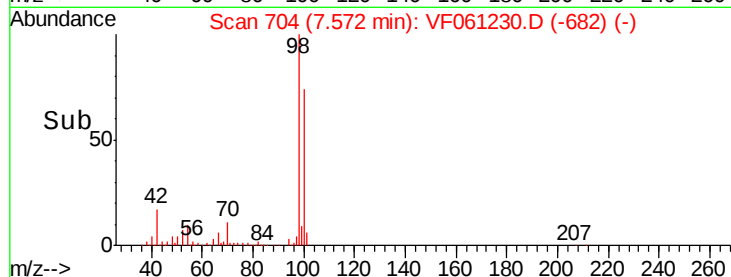
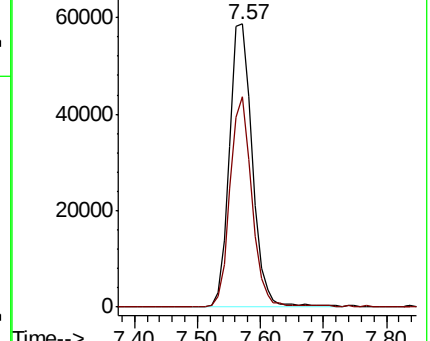
98 100

100 74.3 55.3 82.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 33.171 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VF061230.D

Acq: 28 Dec 2018 12:27

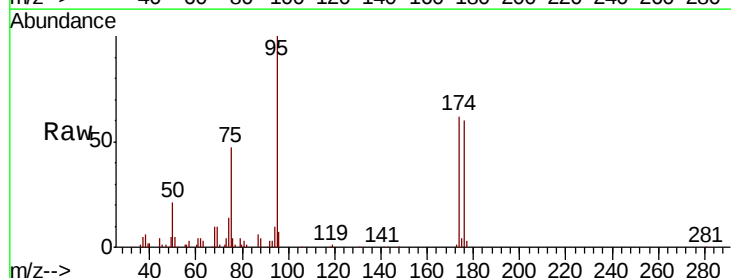
Tgt Ion: 95 Resp: 60061

Ion Ratio Lower Upper

95 100

174 62.0 0.0 143.8

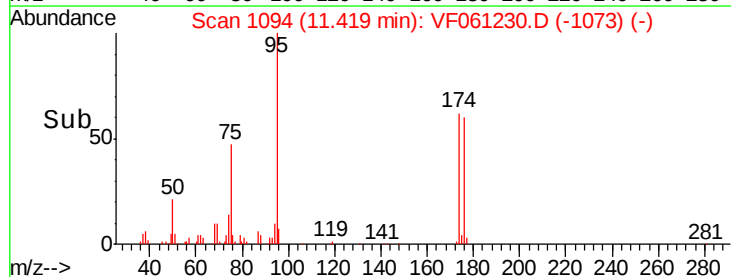
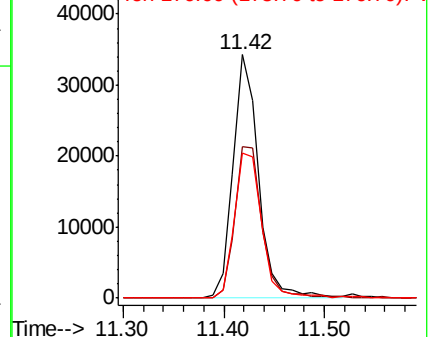
176 59.7 0.0 147.6

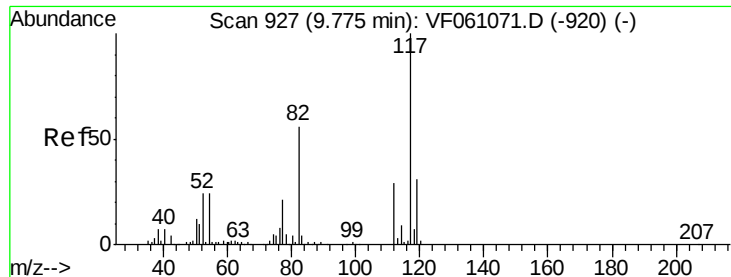


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

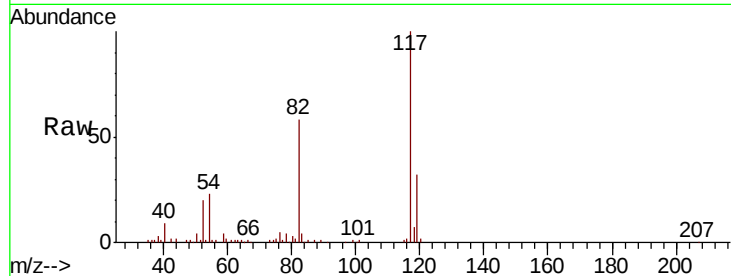




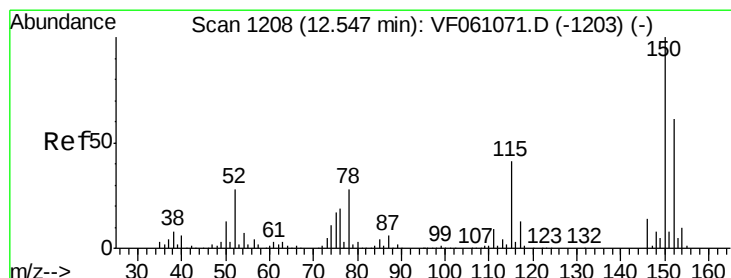
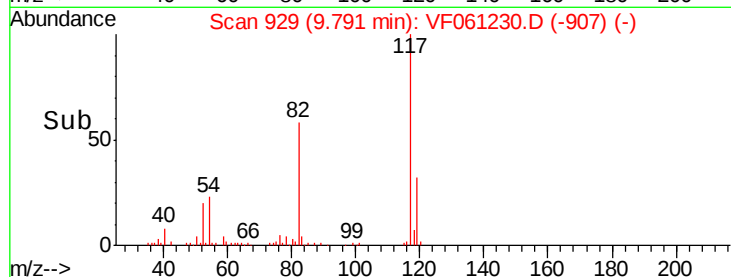
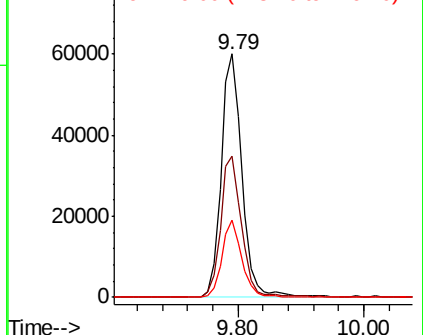
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.02 min
Lab File: VF061230.D
Acq: 28 Dec 2018 12:27

Instrument :
MSVOA_F
ClientSampleId :
S72-0053

Tot Ion:117 Resp: 138063
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 31.7 24.8 37.2

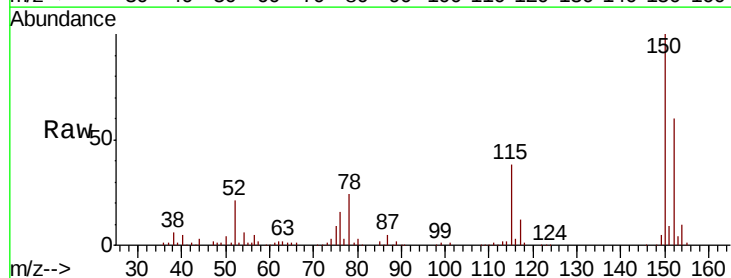


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.02 min
Lab File: VF061230.D
Acq: 28 Dec 2018 12:27

Tgt Ion:152 Resp: 65074
Ion Ratio Lower Upper
152 100
115 63.9 33.3 99.9
150 167.7 0.0 328.2



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

