

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091718\
 Data File : VD060021.D
 Acq On : 17 Sep 2018 15:09
 Operator : JC/SY
 Sample : J4906-01RE
 Misc : 7.10g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-PIT-3RE

Quant Time: Sep 18 04:50:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	8170	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.43	114	12902	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.28	117	13277	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	7165	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	6085	95.51	ug/l	0.01
Spiked Amount	50.000		Recovery	=	191.02%	
35) Dibromofluoromethane	6.31	113	4603	45.67	ug/l	0.01
Spiked Amount	50.000		Recovery	=	91.34%	
50) Toluene-d8	9.45	98	12475	44.66	ug/l	0.01
Spiked Amount	50.000		Recovery	=	89.32%	
62) 4-Bromofluorobenzene	12.42	95	6805	63.76	ug/l	0.01
Spiked Amount	50.000		Recovery	=	127.52%	

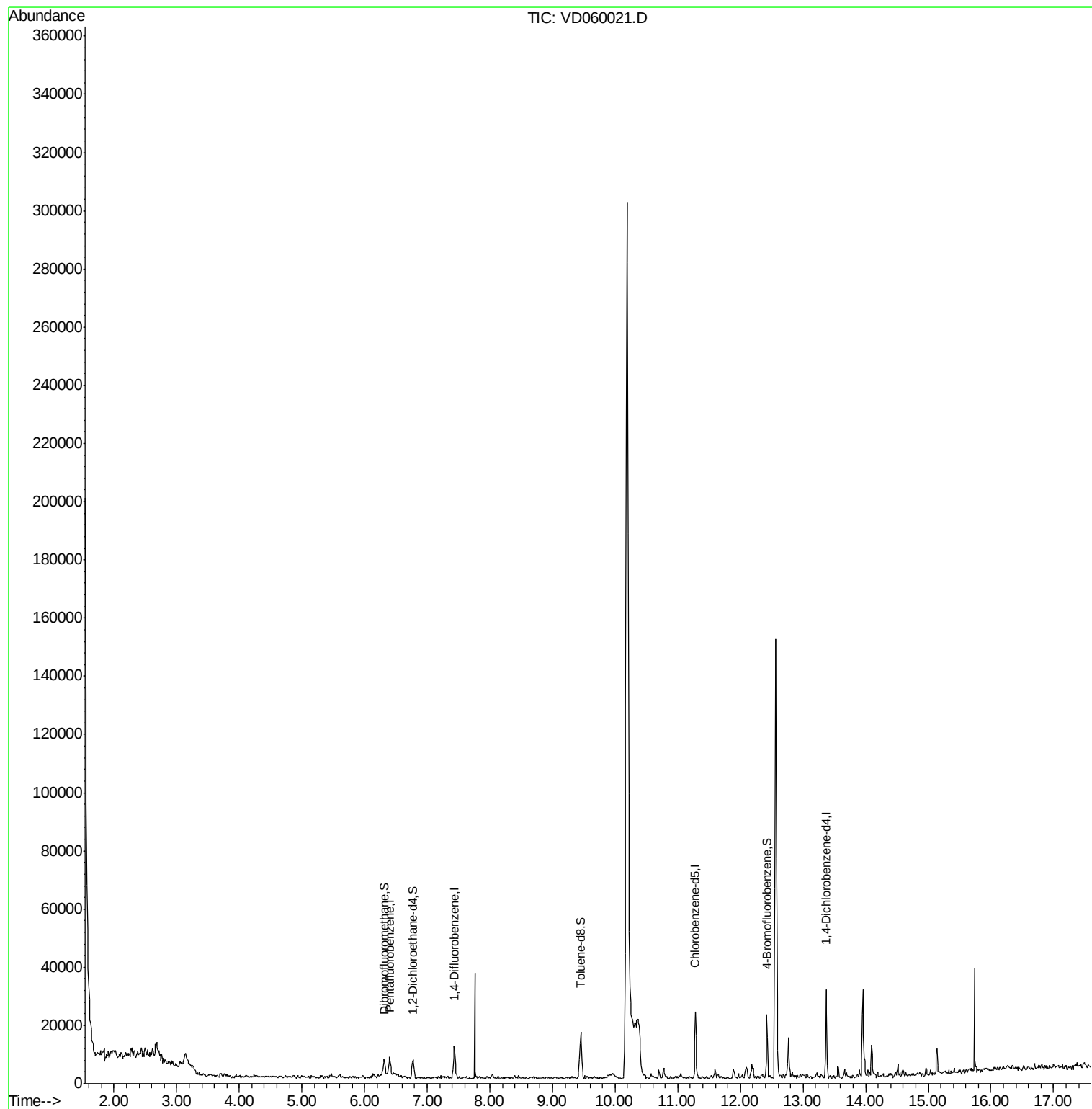
Target Compounds	Qvalue

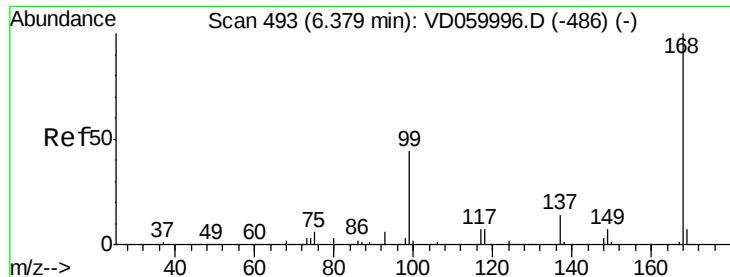
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.40 min Scan# 495

Delta R.T. 0.02 min

Lab File: VD060021.D

Acq: 17 Sep 2018 15:09

Instrument :

MSVOA_D

ClientSampleId :

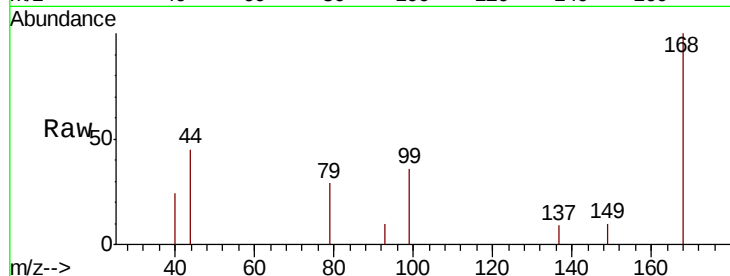
SP-PIT-3RE

Tot Ion:168 Resp: 8170

Ion Ratio Lower Upper

168 100

99 35.8 38.5 57.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

4000

3000

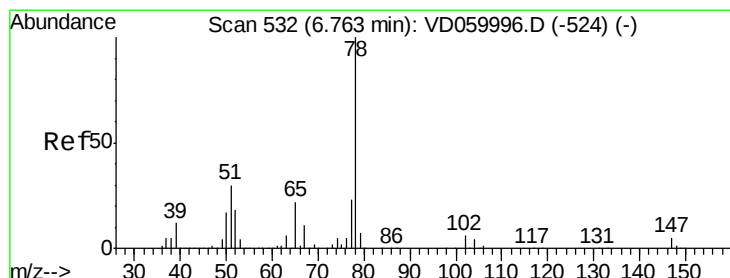
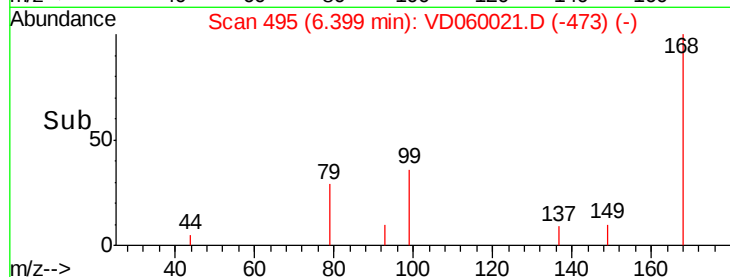
2000

1000

0

Time-->

6.30 6.35 6.40 6.45 6.50



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 533

Delta R.T. 0.01 min

Lab File: VD060021.D

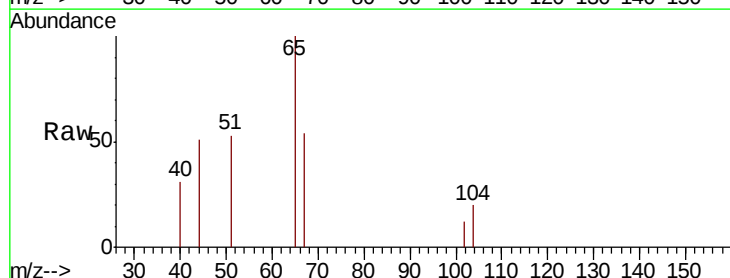
Acq: 17 Sep 2018 15:09

Tgt Ion: 65 Resp: 6085

Ion Ratio Lower Upper

65 100

67 54.3 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.77

3000

2500

2000

1500

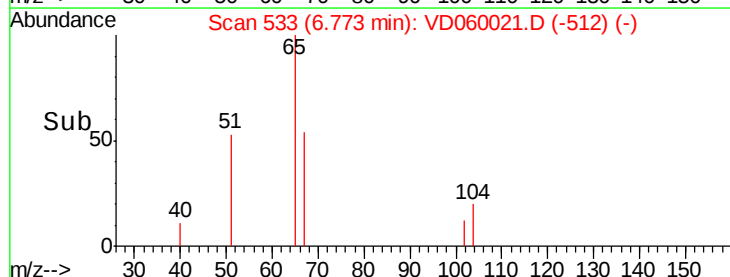
1000

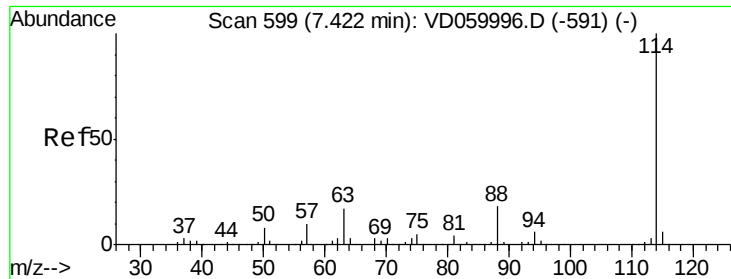
500

0

Time-->

6.70 6.75 6.80 6.85

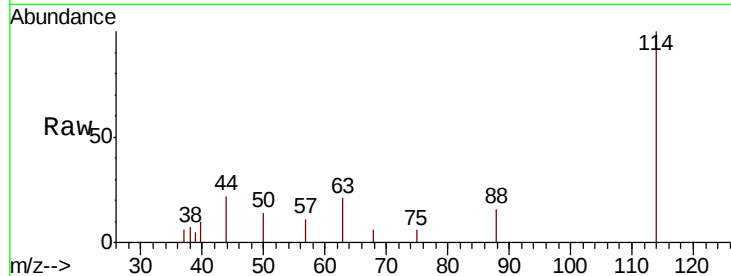




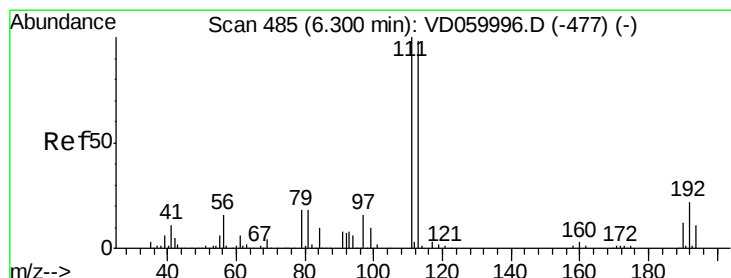
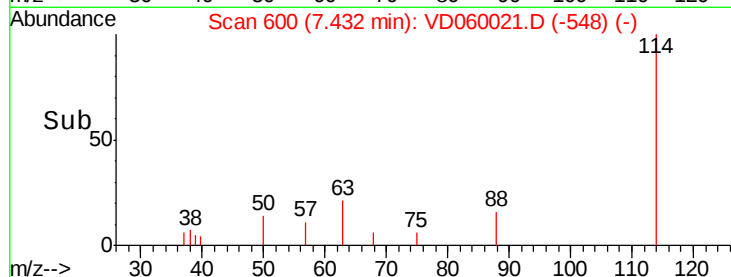
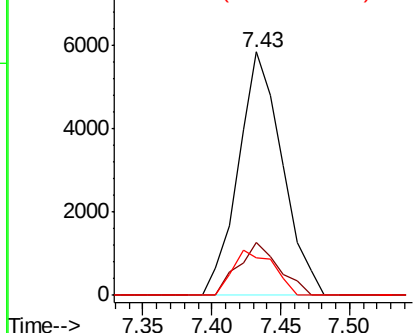
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.43 min Scan# 600
 Delta R.T. 0.01 min
 Lab File: VD060021.D
 Acq: 17 Sep 2018 15:09

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-PIT-3RE

Tot Ion:114 Resp: 12902
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 34.4
 88 15.6 0.0 35.8

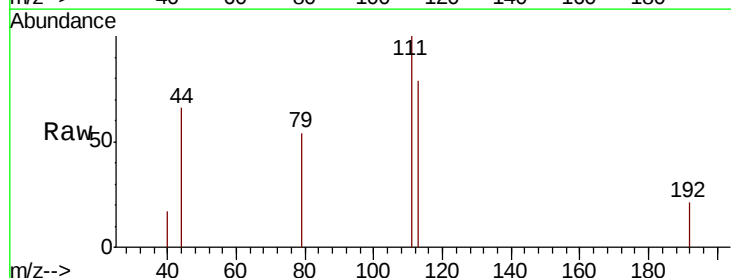


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

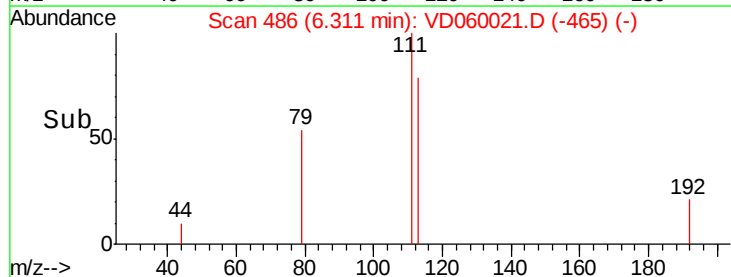
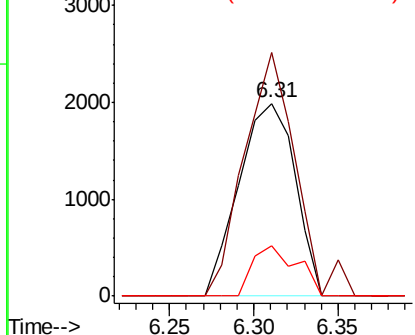


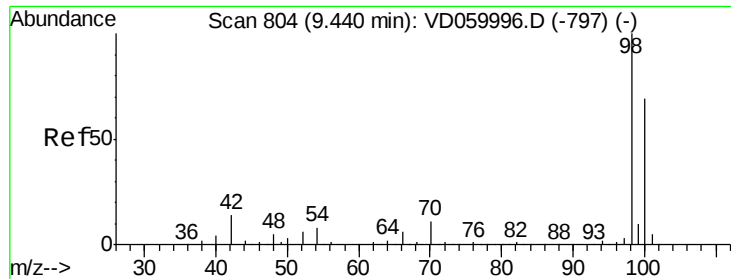
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.31 min Scan# 486
 Delta R.T. 0.01 min
 Lab File: VD060021.D
 Acq: 17 Sep 2018 15:09

Tgt Ion:113 Resp: 4603
 Ion Ratio Lower Upper
 113 100
 111 126.2 81.3 121.9#
 192 26.4 18.1 27.1



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.45 min Scan# 805

Delta R.T. 0.01 min

Lab File: VD060021.D

Acq: 17 Sep 2018 15:09

Instrument :

MSVOA_D

ClientSampleId :

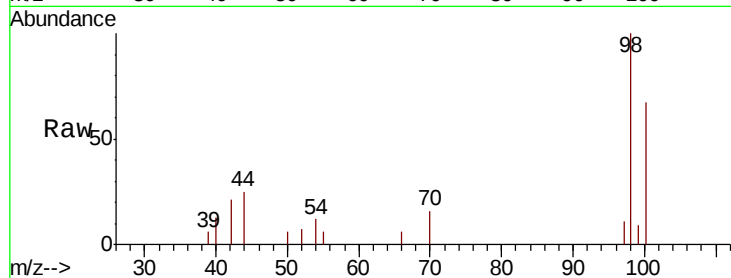
SP-PIT-3RE

Tot Ion: 98 Resp: 12475

Ion Ratio Lower Upper

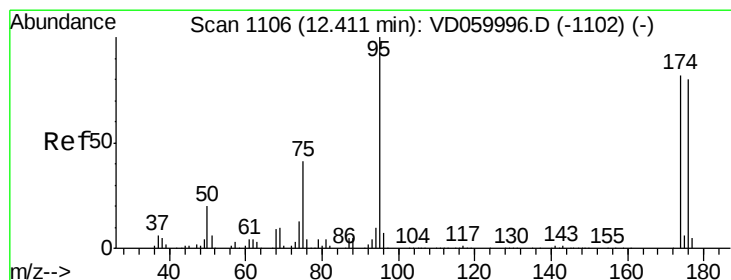
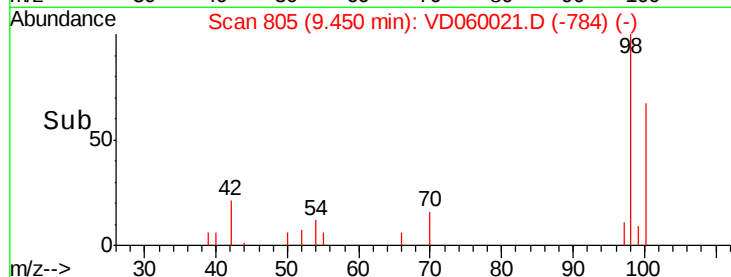
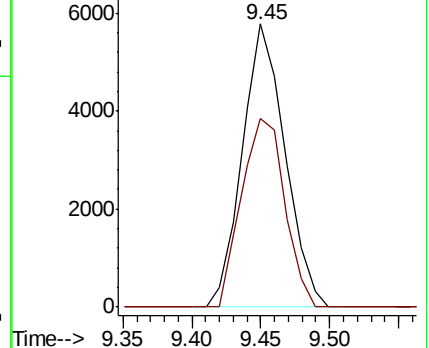
98 100

100 66.7 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): VD0

Ion 100.05 (99.75 to 100.75): VD



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VD060021.D

Acq: 17 Sep 2018 15:09

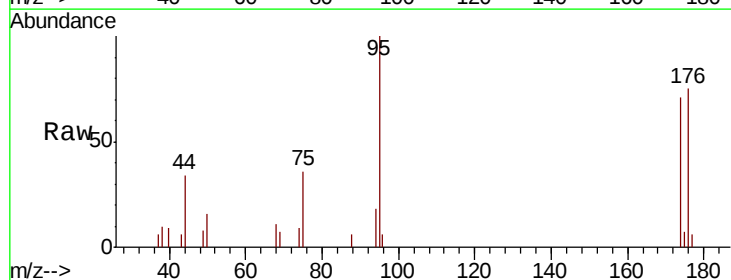
Tgt Ion: 95 Resp: 6805

Ion Ratio Lower Upper

95 100

174 70.6 0.0 165.0

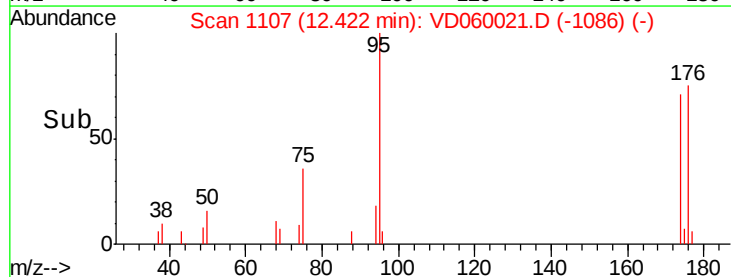
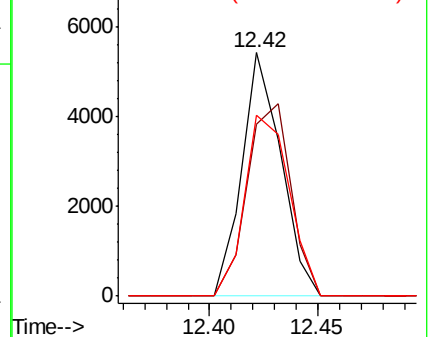
176 74.5 0.0 160.2

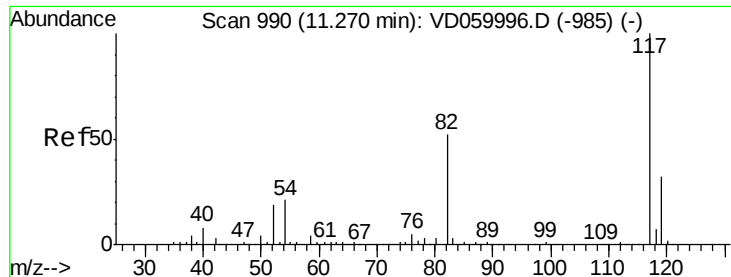


Abundance Ion 95.00 (94.70 to 95.70): VD0

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

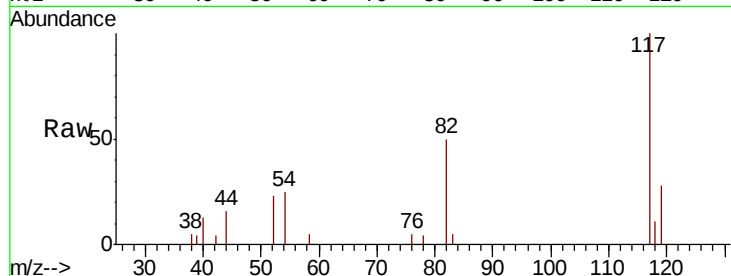




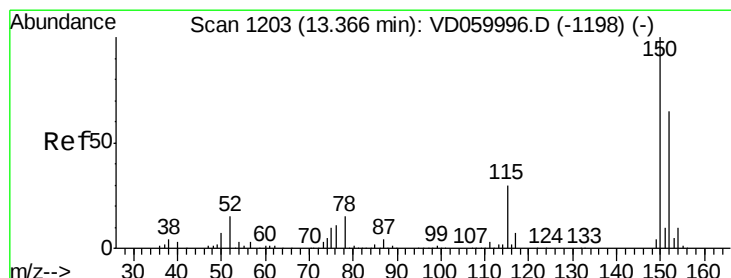
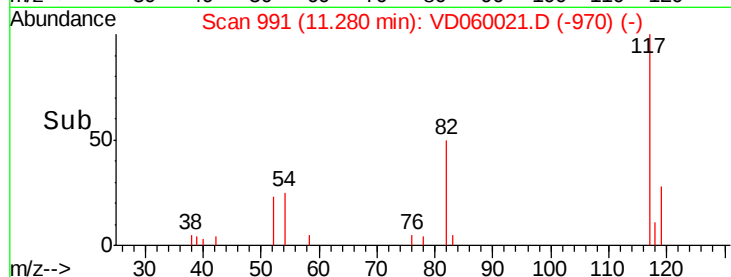
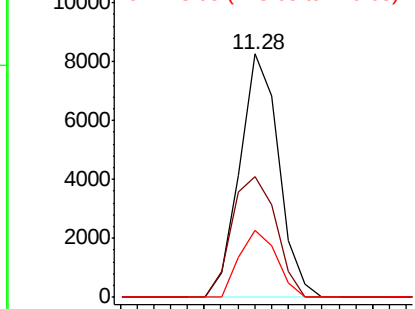
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060021.D
Acq: 17 Sep 2018 15:09

Instrument :
MSVOA_D
ClientSampleId :
SP-PIT-3RE

Tot Ion:117 Resp: 13277
Ion Ratio Lower Upper
117 100
82 49.7 41.7 62.5
119 27.8 26.0 39.0

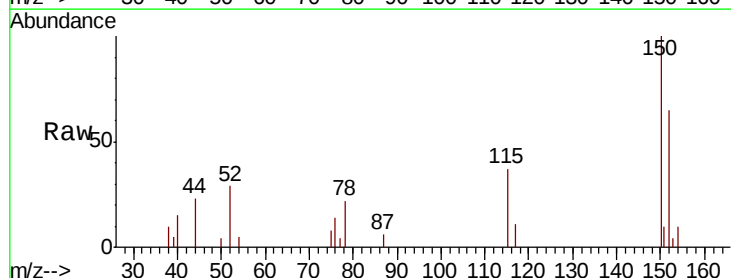


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.37 min Scan# 1203
Delta R.T. 0.00 min
Lab File: VD060021.D
Acq: 17 Sep 2018 15:09

Tgt Ion:152 Resp: 7165
Ion Ratio Lower Upper
152 100
115 56.6 24.6 73.8
150 154.6 0.0 313.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

