

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073118\
 Data File : VD059660.D
 Acq On : 31 Jul 2018 18:19
 Operator : VA/AP
 Sample : J4228-01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 01 06:42:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

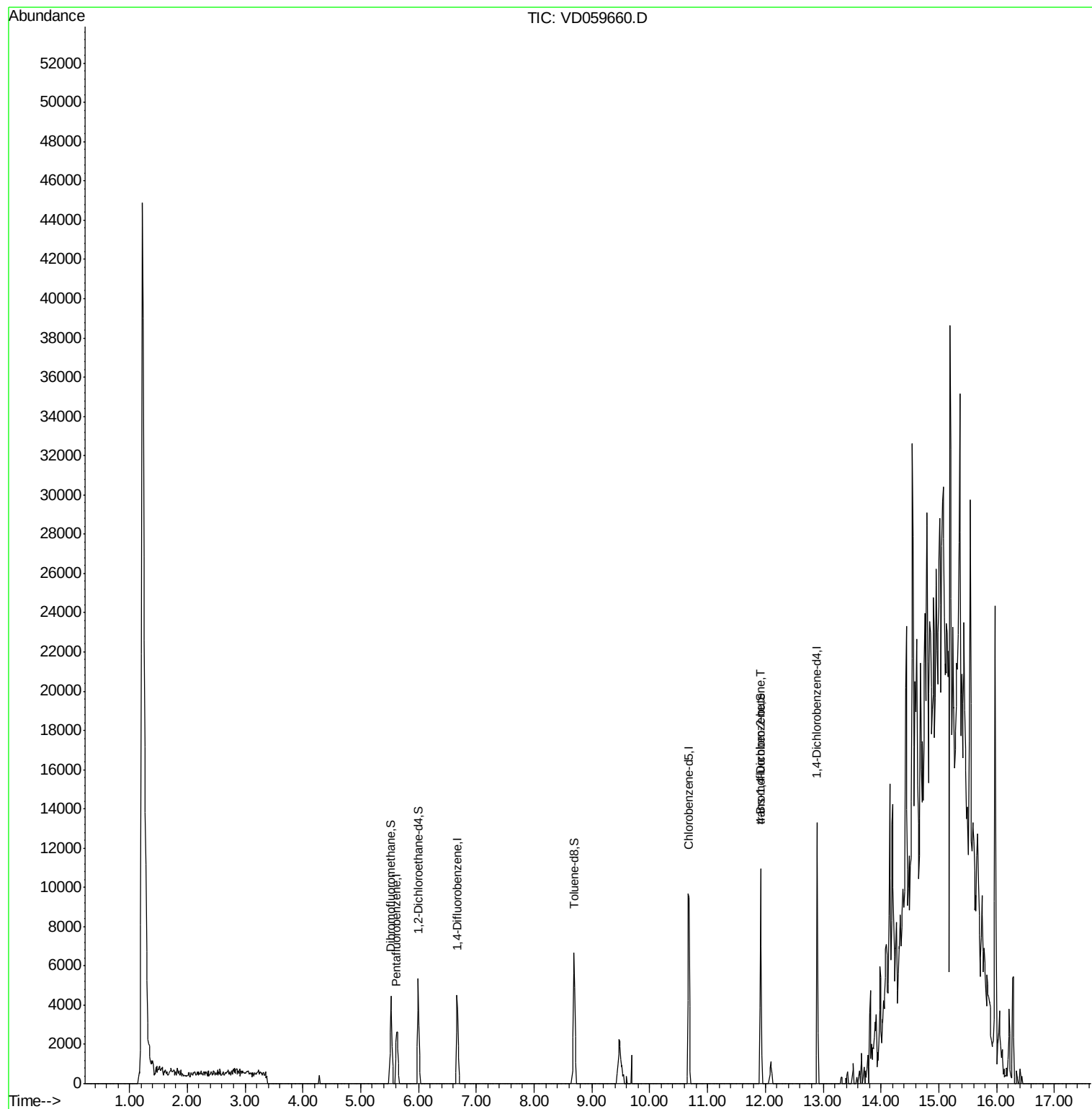
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	4116	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.67	114	6660	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	6935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	3777	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	5819	112.45	ug/l	0.01
Spiked Amount 50.000			Recovery	=	224.90%	
35) Dibromofluoromethane	5.53	113	3595	62.93	ug/l	0.02
Spiked Amount 50.000			Recovery	=	125.86%	
50) Toluene-d8	8.69	98	7481	57.73	ug/l	0.01
Spiked Amount 50.000			Recovery	=	115.46%	
62) 4-Bromofluorobenzene	11.92	95	3574	61.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.44%	
Target Compounds						
81) trans-1,4-Dichloro-2-buten	11.92	75	1984	124.238	ug/l #	1

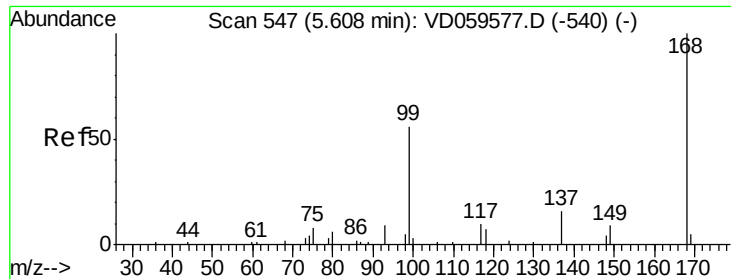
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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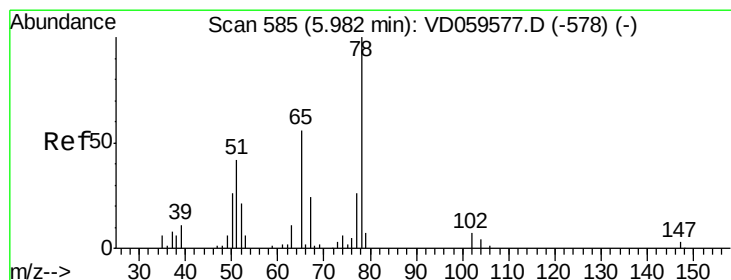
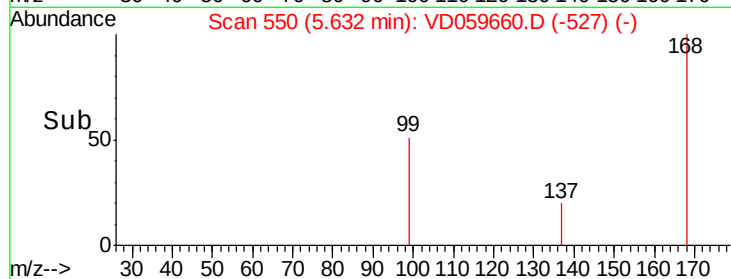
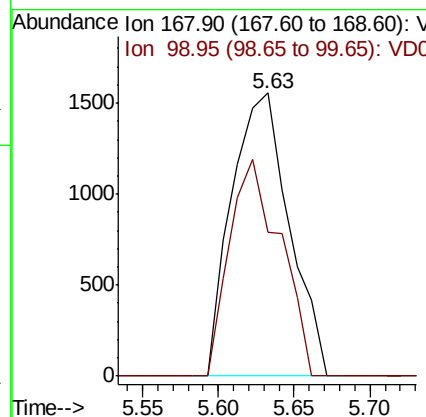
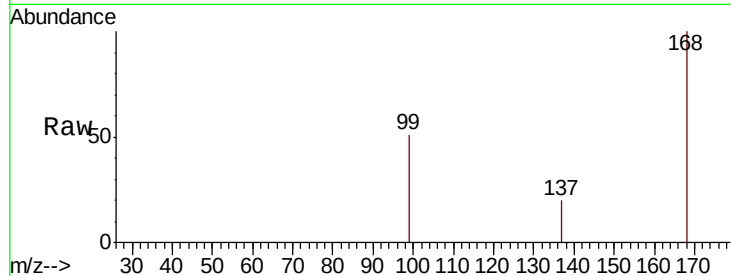




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.02 min
Lab File: VD059660.D
Acq: 31 Jul 2018 18:19

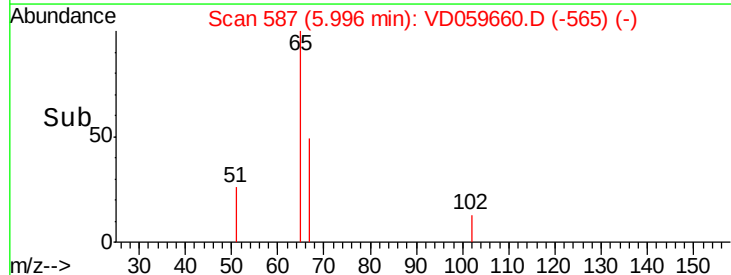
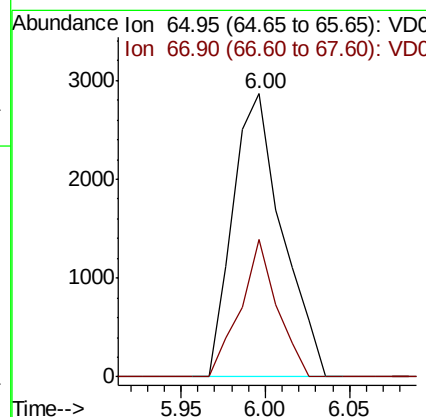
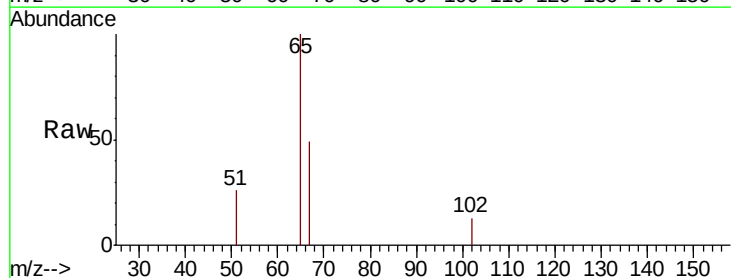
Instrument :
MSVOA_D
ClientSampleId :

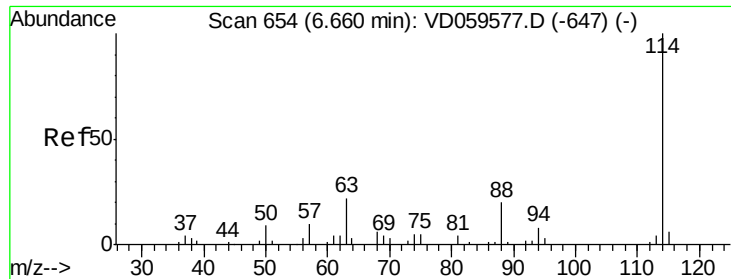
Tot Ion:168 Resp: 4116
Ion Ratio Lower Upper
168 100
99 50.7 47.3 70.9



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.00 min Scan# 587
Delta R.T. 0.01 min
Lab File: VD059660.D
Acq: 31 Jul 2018 18:19

Tgt Ion: 65 Resp: 5819
Ion Ratio Lower Upper
65 100
67 48.7 0.0 86.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: VD059660.D

Acq: 31 Jul 2018 18:19

Instrument :

MSVOA_D

ClientSampleId :

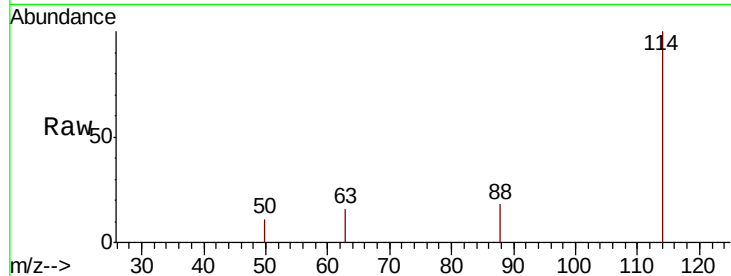
Tot Ion:114 Resp: 6660

Ion Ratio Lower Upper

114 100

63 16.4 0.0 43.8

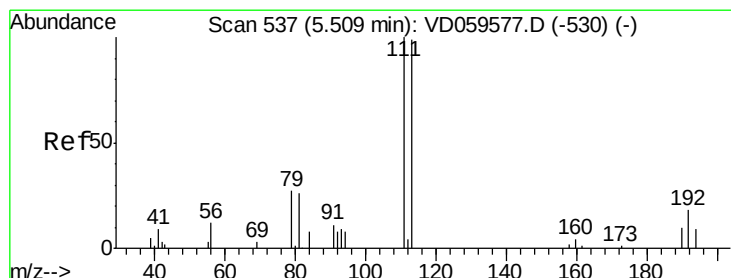
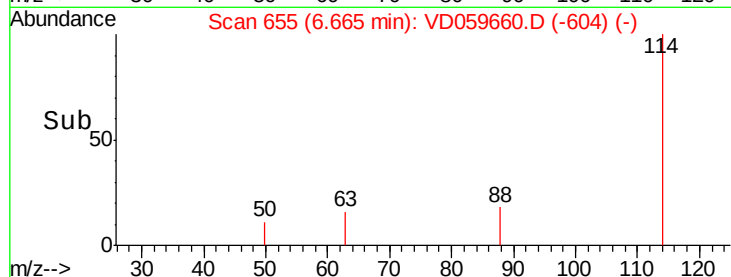
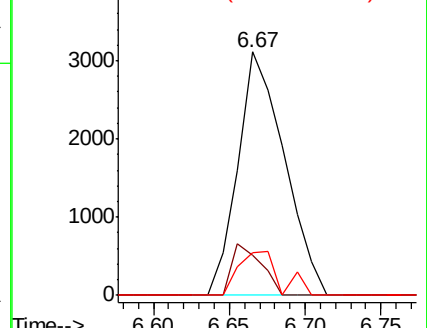
88 17.7 0.0 39.0



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: 50.000 ug/l

RT: 5.53 min Scan# 540

Delta R.T. 0.02 min

Lab File: VD059660.D

Acq: 31 Jul 2018 18:19

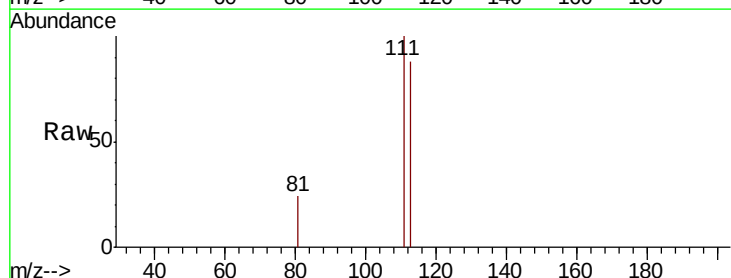
Tgt Ion:113 Resp: 3595

Ion Ratio Lower Upper

113 100

111 113.8 80.5 120.7

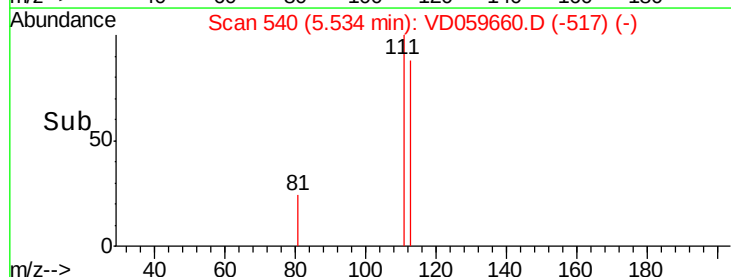
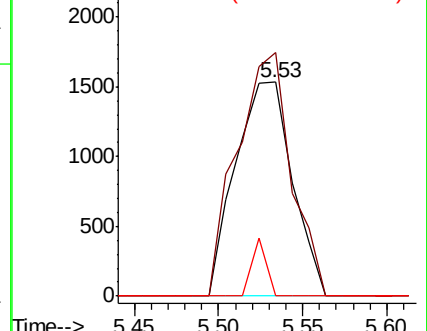
192 0.0 14.5 21.7#

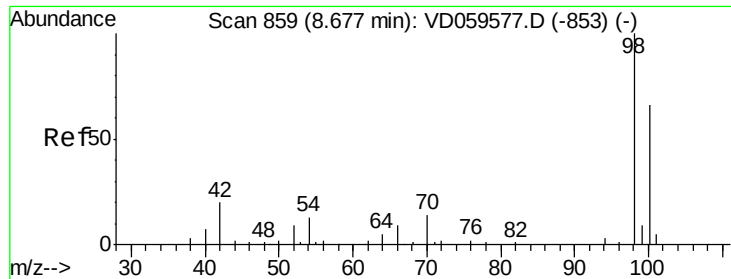


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

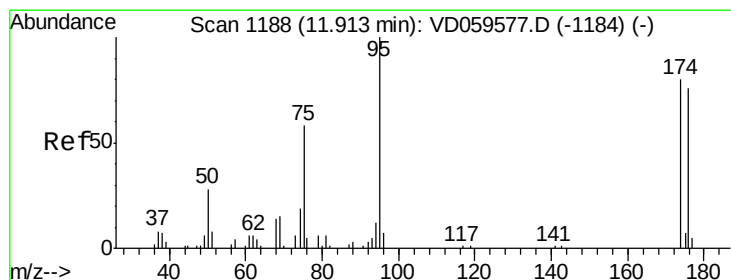
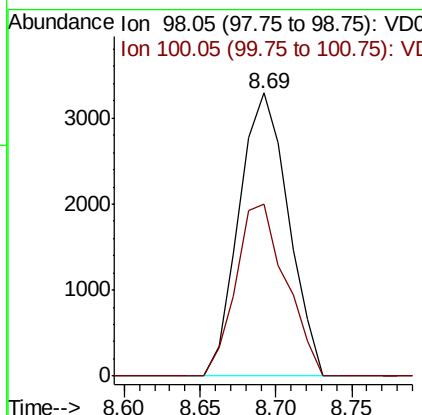
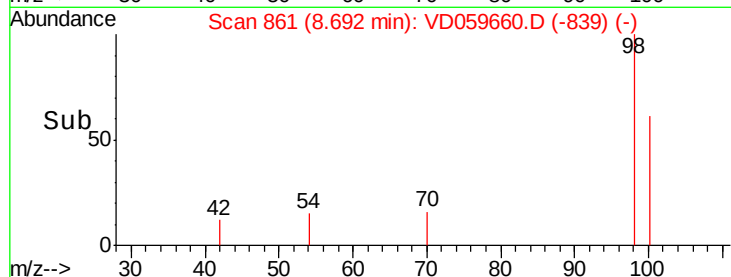
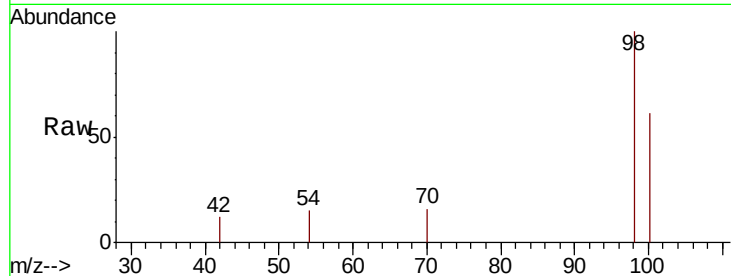




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. 0.01 min
Lab File: VD059660.D
Acq: 31 Jul 2018 18:19

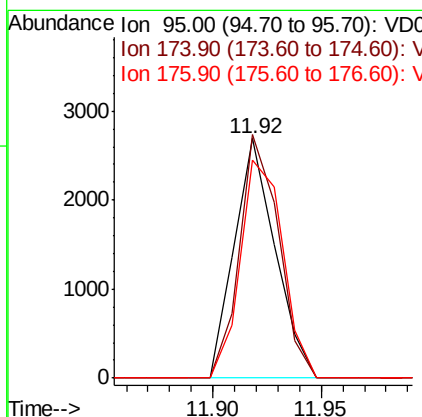
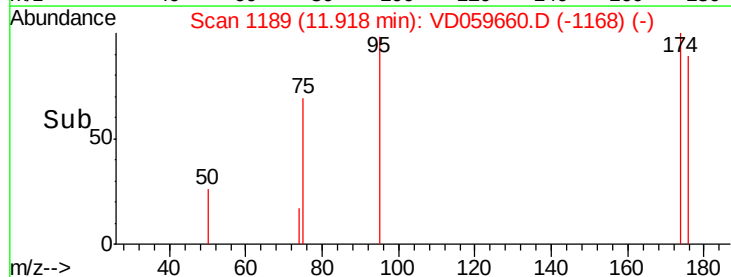
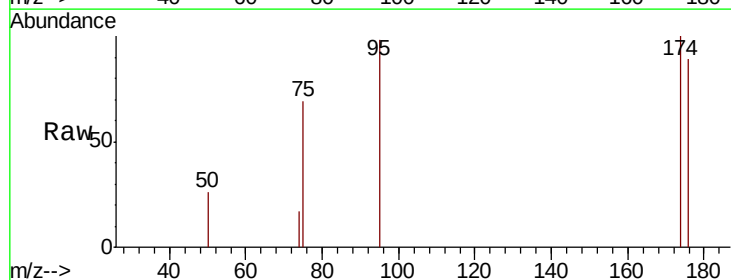
Instrument :
MSVOA_D
ClientSampled :

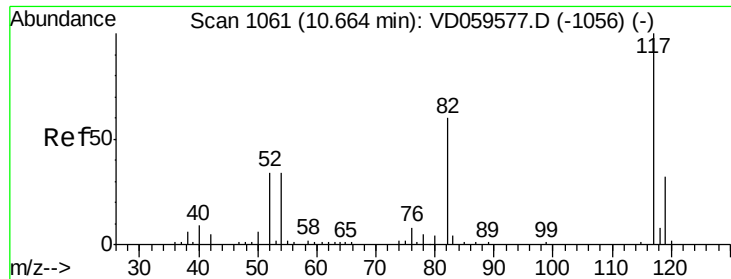
Tot Ion: 98 Resp: 7481
Ion Ratio Lower Upper
98 100
100 60.7 53.2 79.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD059660.D
Acq: 31 Jul 2018 18:19

Tgt Ion: 95 Resp: 3574
Ion Ratio Lower Upper
95 100
174 101.7 0.0 160.6
176 90.9 0.0 152.8

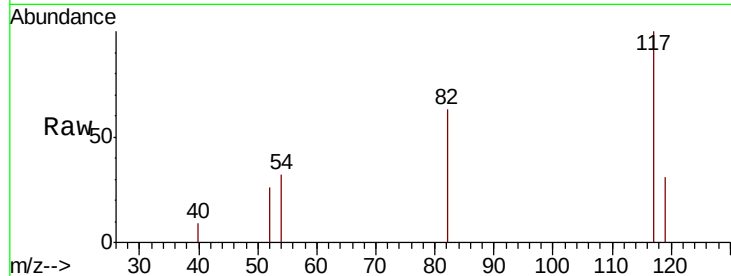




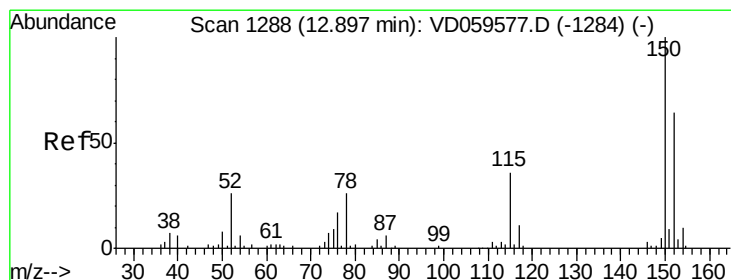
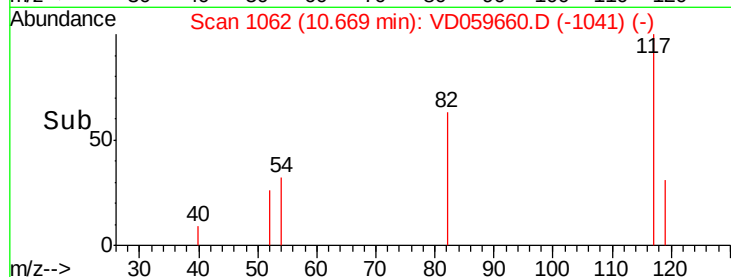
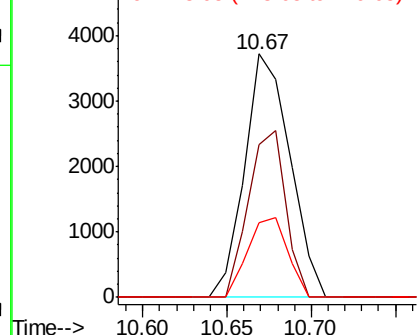
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.67 min Scan# 1062
Delta R.T. 0.00 min
Lab File: VD059660.D
Acq: 31 Jul 2018 18:19

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 6935
Ion Ratio Lower Upper
117 100
82 62.8 48.2 72.2
119 30.6 25.4 38.2

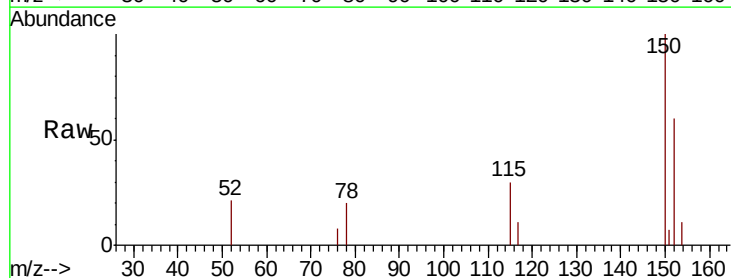


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

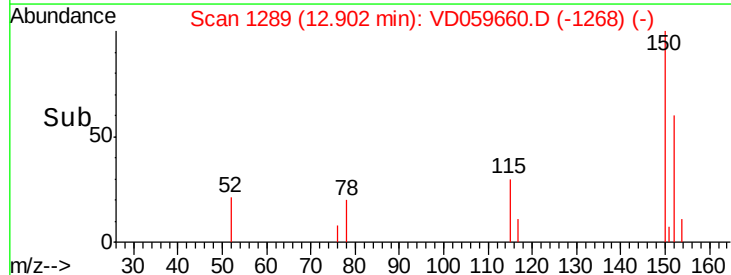
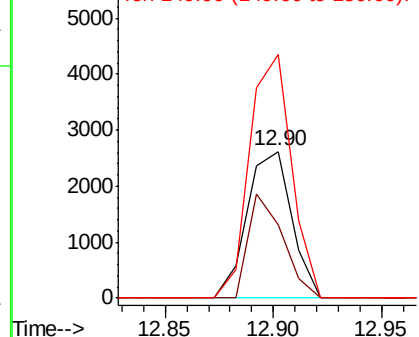


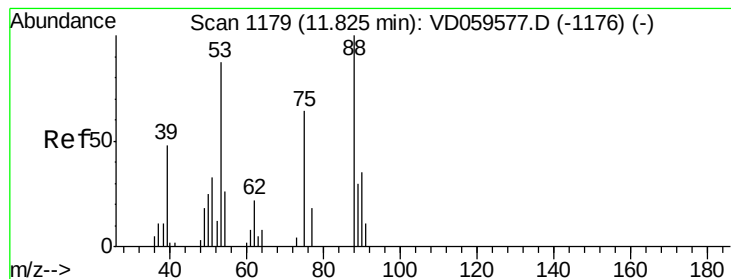
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD059660.D
Acq: 31 Jul 2018 18:19

Tgt Ion:152 Resp: 3777
Ion Ratio Lower Upper
152 100
115 50.4 29.5 88.6
150 166.3 0.0 314.4



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





#81

trans-1,4-Dichloro-2-butene

Concen: 124.238 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.09 min

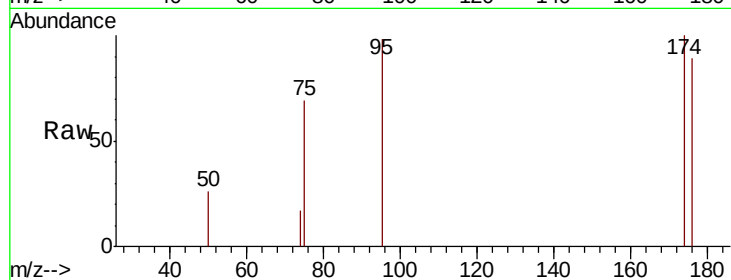
Lab File: VD059660.D

Acq: 31 Jul 2018 18:19

Instrument :

MSVOA_D

ClientSampleId :



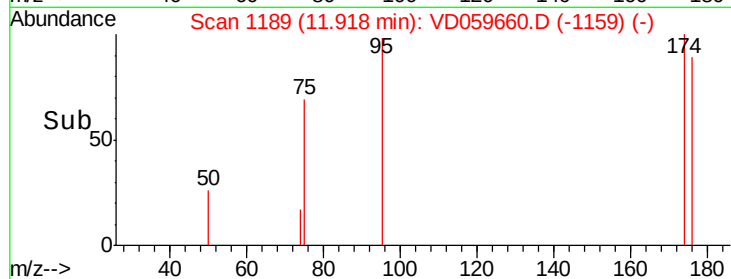
Tot Ion: 75 Resp: 1984

Ion Ratio Lower Upper

75 100

53 0.0 107.7 161.5#

89 0.0 37.3 55.9#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

