

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111318\
 Data File : VD060362.D
 Acq On : 13 Nov 2018 15:58
 Operator : JC/SY
 Sample : J5889-04RE
 Misc : 11.42g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WALL-DRE

Quant Time: Nov 14 12:50:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	5775	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	11204	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	11918	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	5143	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	4814	116.42	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	232.84%	
35) Dibromofluoromethane	6.31	113	3717	44.49	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	88.98%	
50) Toluene-d8	9.46	98	7812	31.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.90%	
62) 4-Bromofluorobenzene	12.43	95	3573	40.33	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	80.66%	

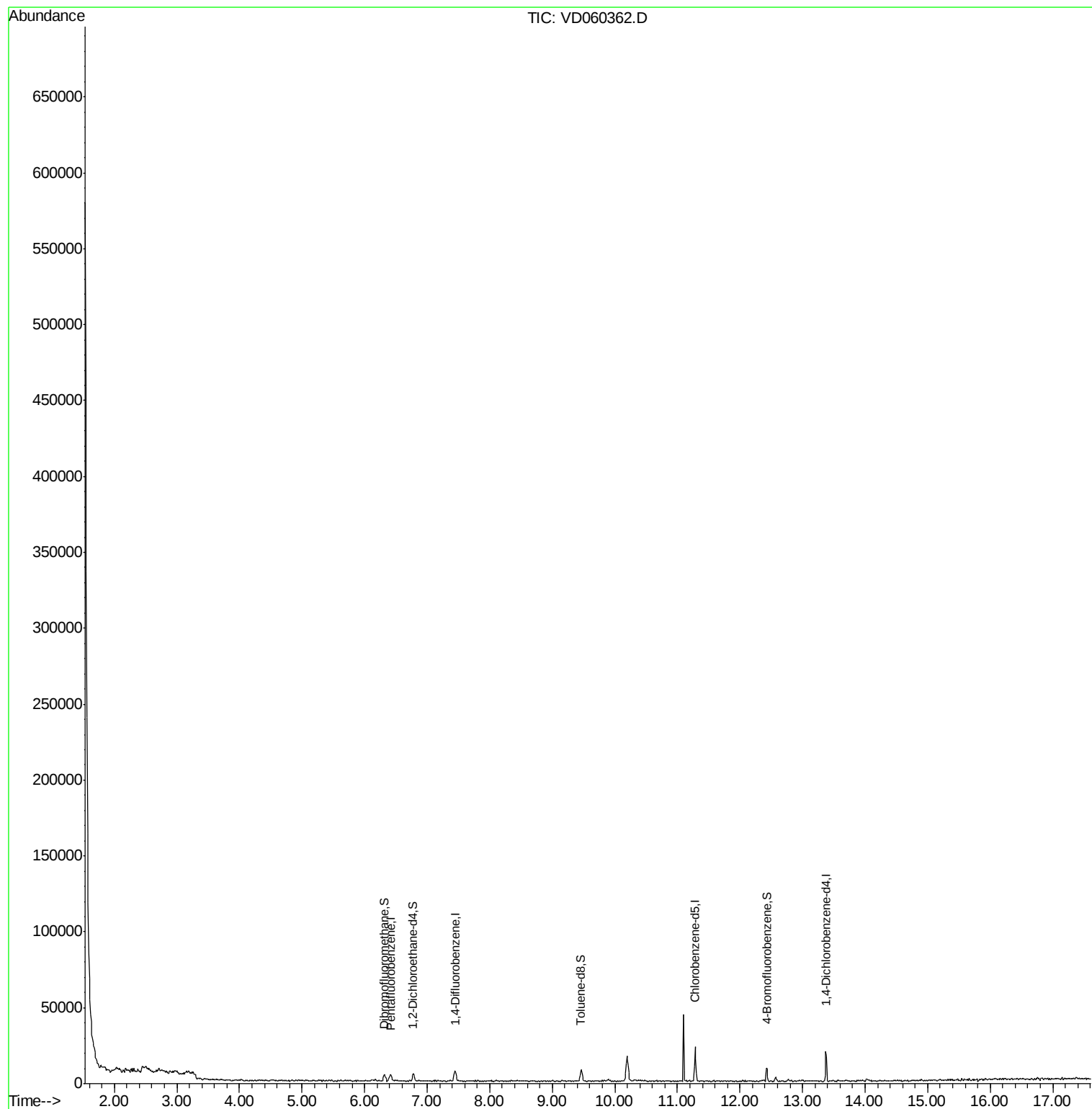
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060362.D

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Instrument :

MSVOA_D

ClientSampleId :

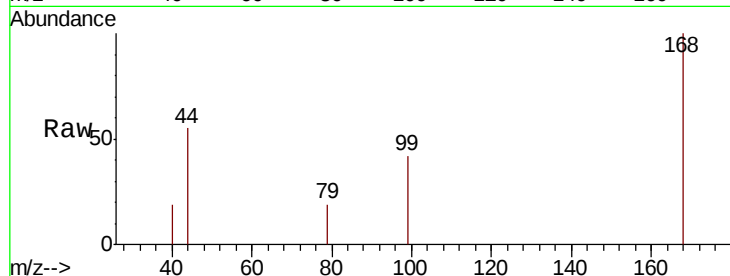
WALL-DRE

Tot Ion:168 Resp: 5775

Ion Ratio Lower Upper

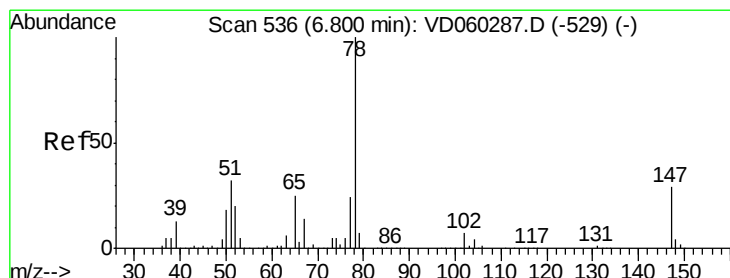
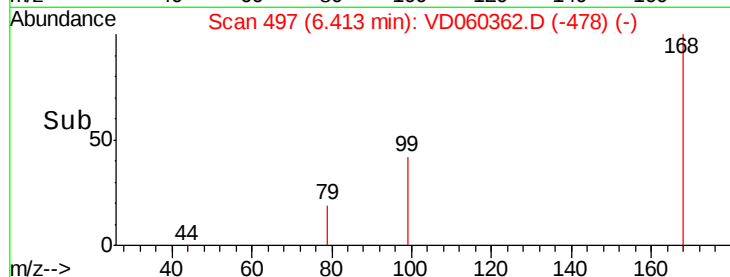
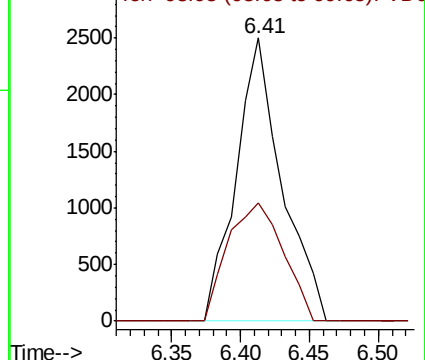
168 100

99 41.6 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. -0.02 min

Lab File: VD060362.D

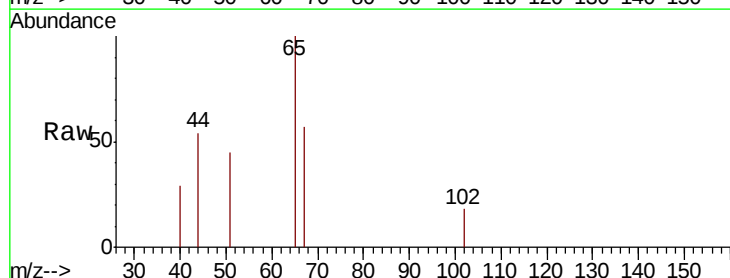
Acq: 13 Nov 2018 15:58

Tgt Ion: 65 Resp: 4814

Ion Ratio Lower Upper

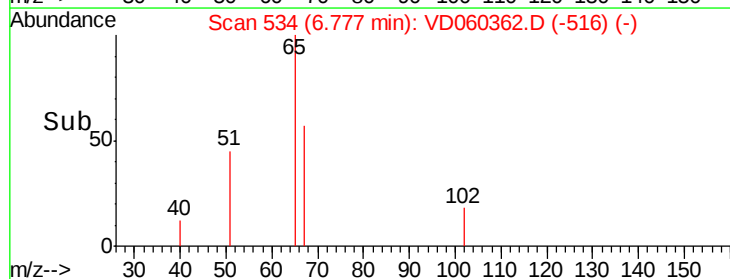
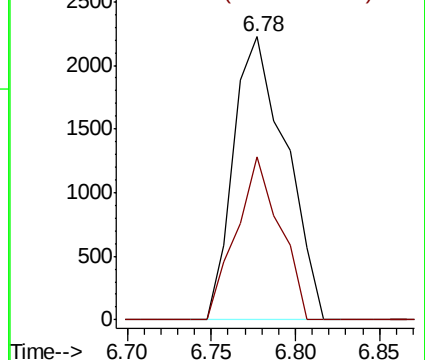
65 100

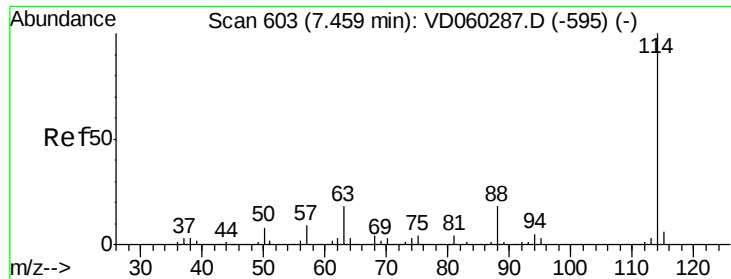
67 57.5 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

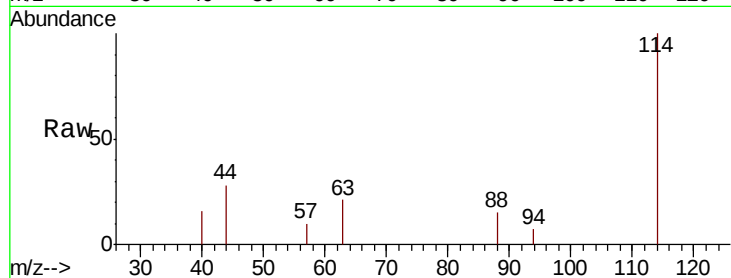




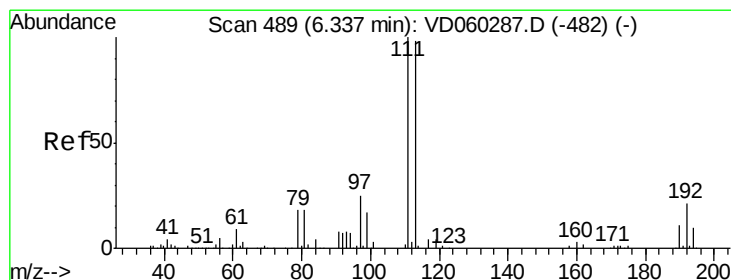
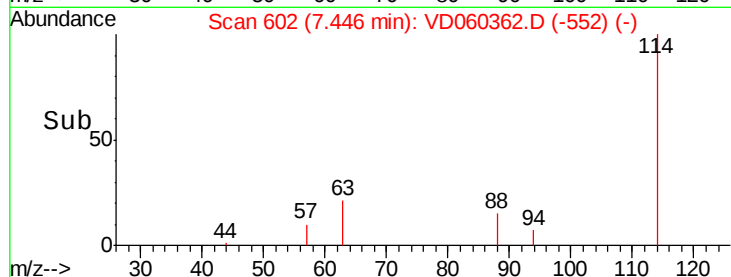
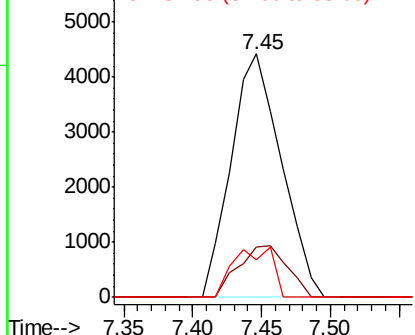
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060362.D
 Acq: 13 Nov 2018 15:58

Instrument :
 MSVOA_D
 ClientSampleId :
 WALL-DRE

Tot Ion:114 Resp: 11204
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 34.0
 88 15.3 0.0 35.4

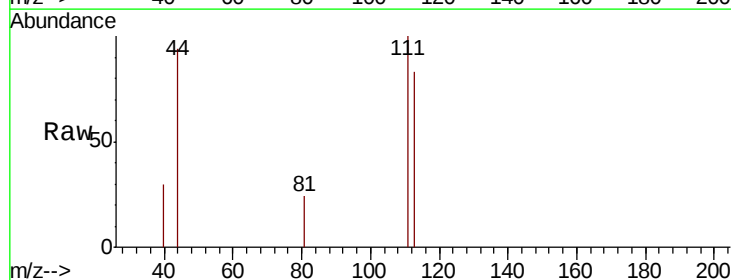


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

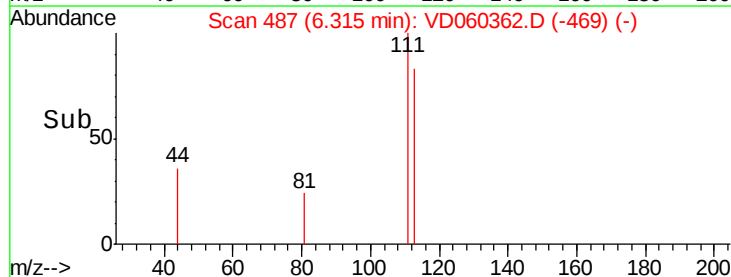
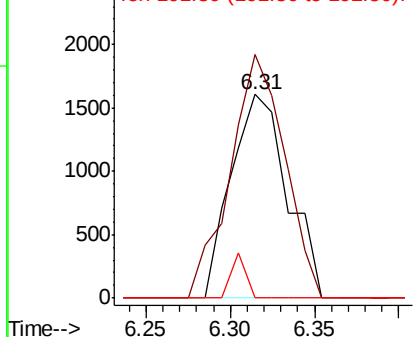


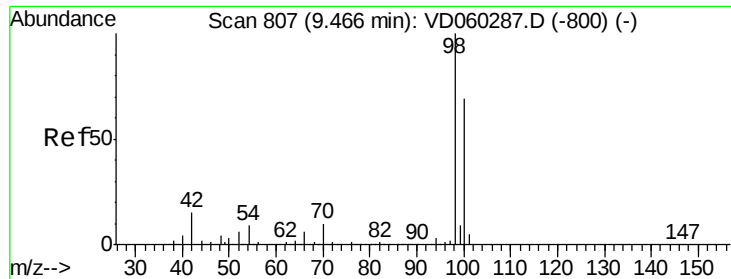
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: VD060362.D
 Acq: 13 Nov 2018 15:58

Tgt Ion:113 Resp: 3717
 Ion Ratio Lower Upper
 113 100
 111 119.8 81.6 122.4
 192 0.0 16.5 24.7#



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: 9.46 min Scan# 807

Delta R.T. -0.00 min

Lab File: VD060362.D

Acq: 13 Nov 2018 15:58

Instrument :

MSVOA_D

ClientSampleId :

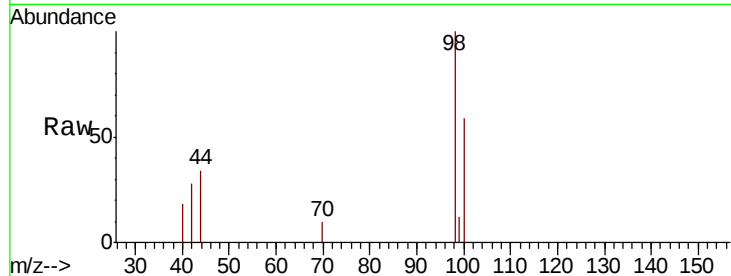
WALL-DRE

Tot Ion: 98 Resp: 7812

Ion Ratio Lower Upper

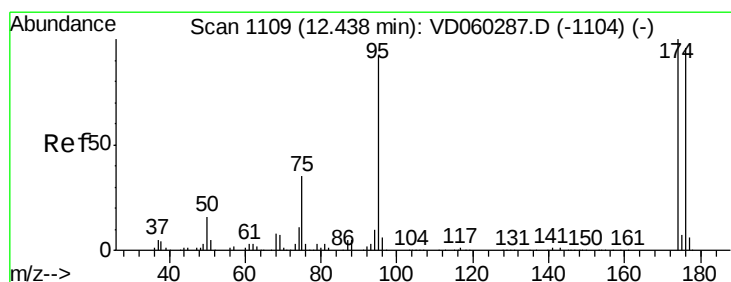
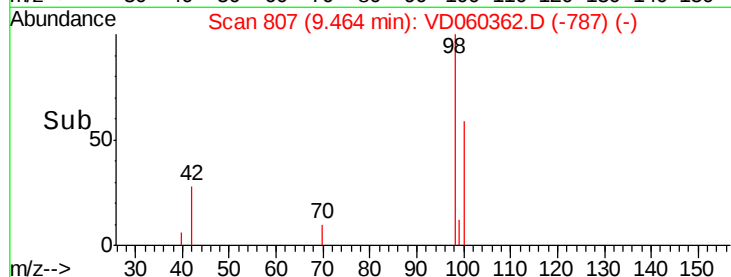
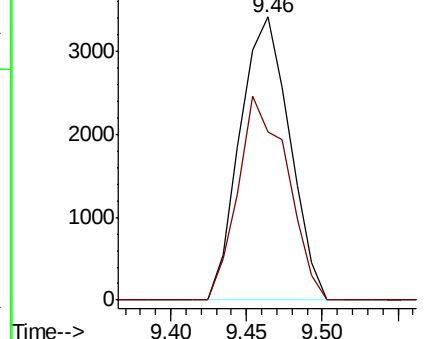
98 100

100 59.5 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060362.D

Acq: 13 Nov 2018 15:58

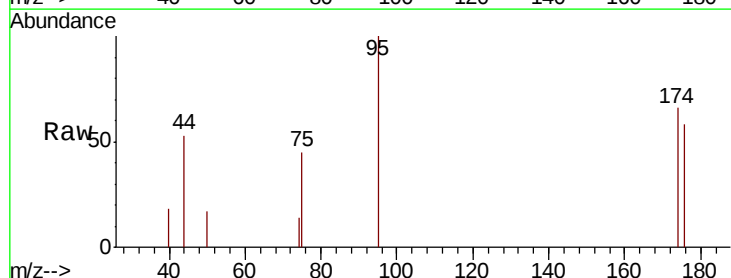
Tgt Ion: 95 Resp: 3573

Ion Ratio Lower Upper

95 100

174 66.4 0.0 160.8

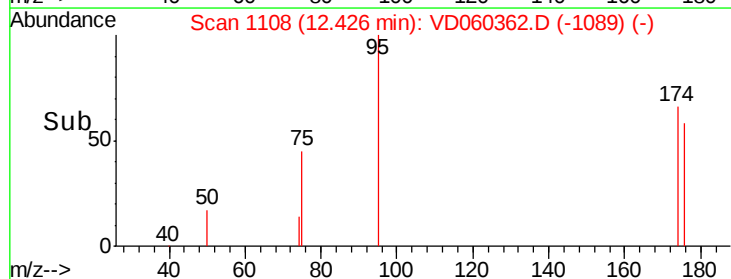
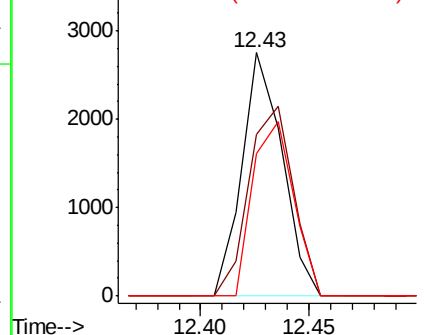
176 58.5 0.0 154.6

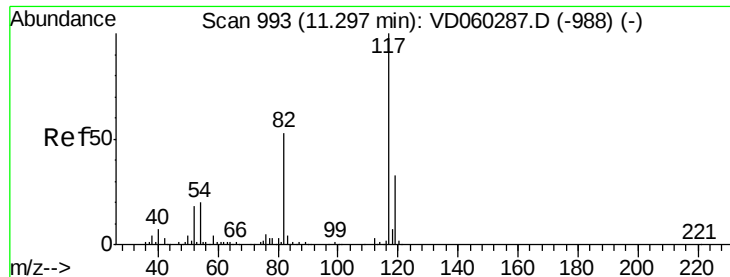


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

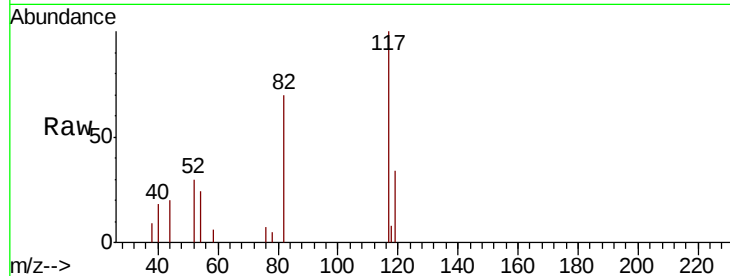




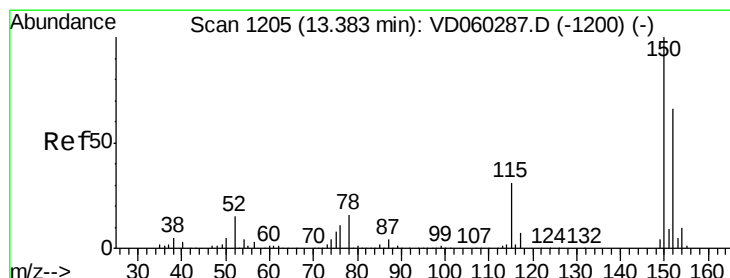
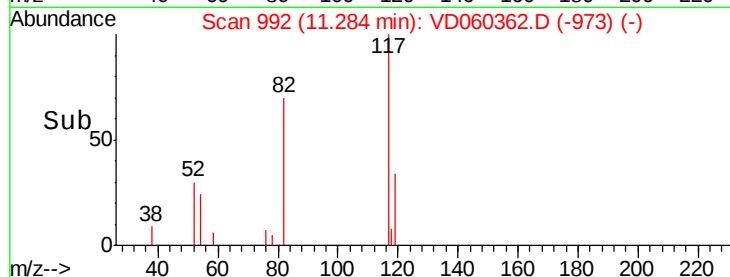
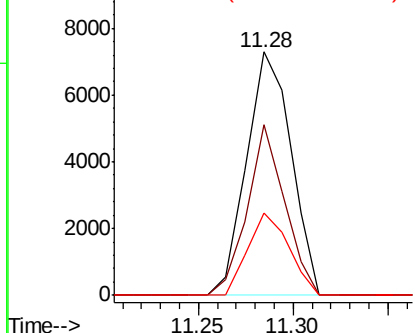
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060362.D
Acq: 13 Nov 2018 15:58

Instrument :
MSVOA_D
ClientSampleId :
WALL-DRE

Tot Ion:117 Resp: 11918
Ion Ratio Lower Upper
117 100
82 69.9 43.7 65.5#
119 33.7 26.1 39.1

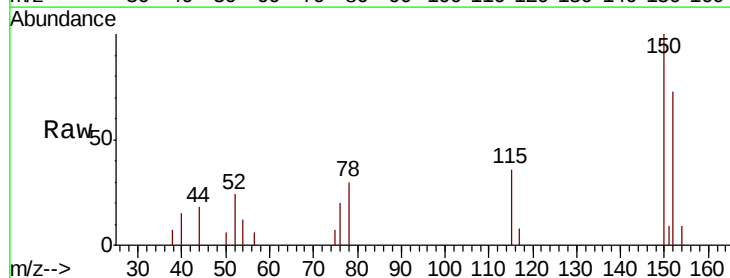


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060362.D
Acq: 13 Nov 2018 15:58

Tgt Ion:152 Resp: 5143
Ion Ratio Lower Upper
152 100
115 49.8 24.1 72.3
150 137.1 0.0 310.6



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

