

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111618\
 Data File : VD060391.D
 Acq On : 16 Nov 2018 11:40
 Operator : JC/SY
 Sample : VD1116SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1116SBL01

Quant Time: Nov 16 13:37:15 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	6.44	168	1623724	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.47	114	2213699	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.30	117	1798118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	884115	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.81	65	568397	48.89	ug/l	0.01
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	6.35	113	819829	49.67	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.34%	
50) Toluene-d8	9.48	98	2378649	49.23	ug/l	0.01
Spiked Amount	50.000		Recovery	=	98.46%	
62) 4-Bromofluorobenzene	12.44	95	852576	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	

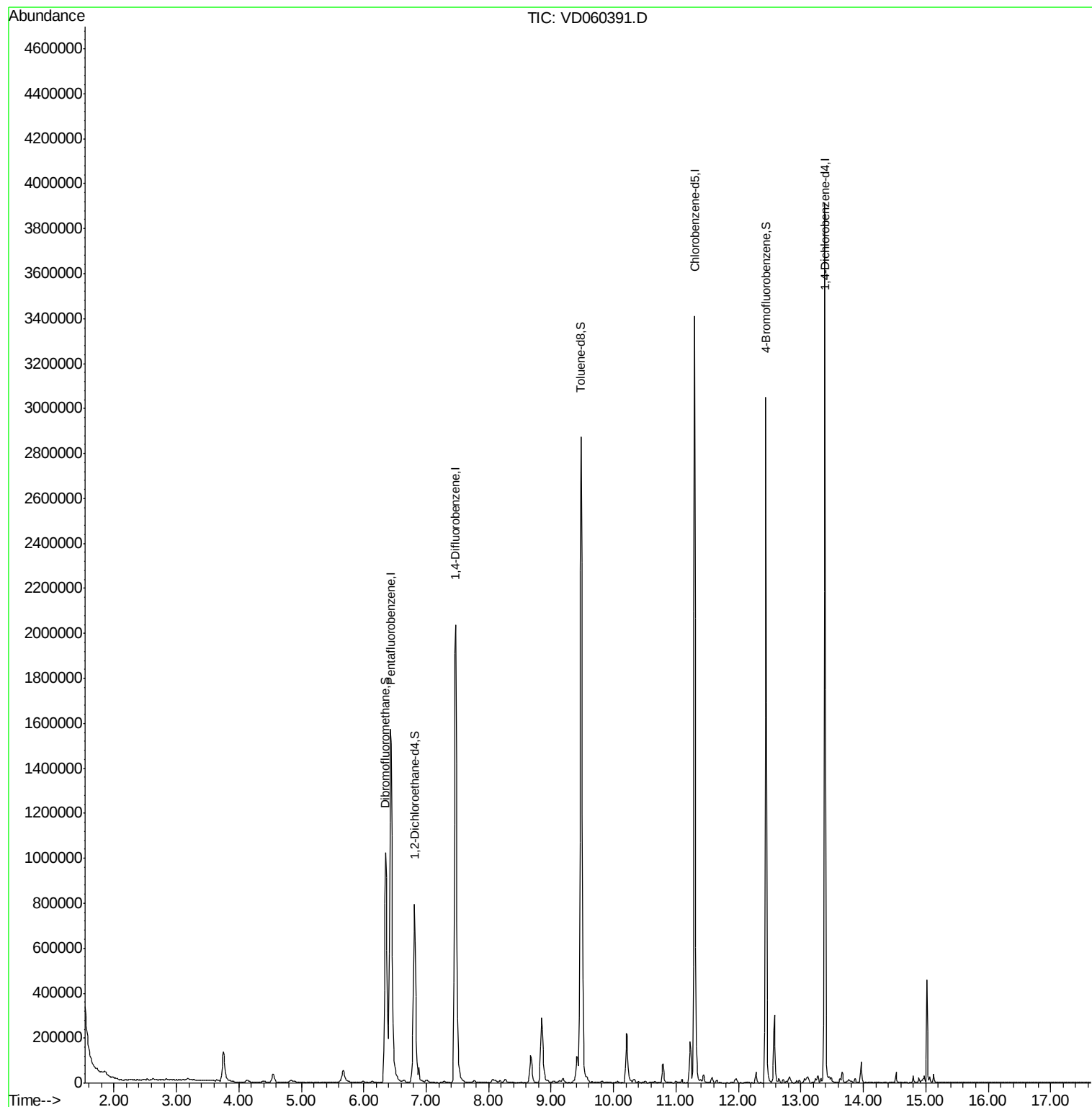
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.44 min Scan# 499

Delta R.T. 0.01 min

Lab File: VD060391.D

Acq: 16 Nov 2018 11:40

Instrument :

MSVOA_D

ClientSampleId :

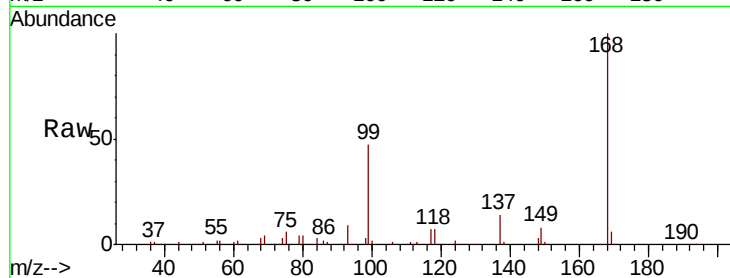
VD1116SBL01

Tot Ion:168 Resp: 1623724

Ion Ratio Lower Upper

168 100

99 47.3 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.44

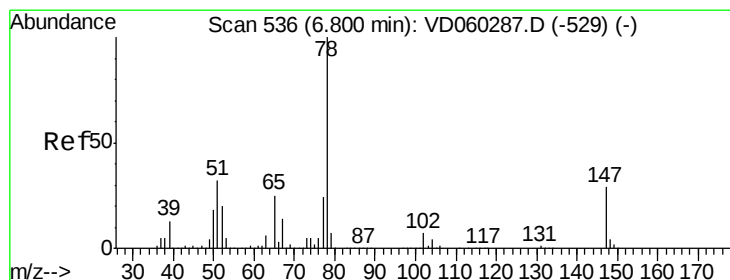
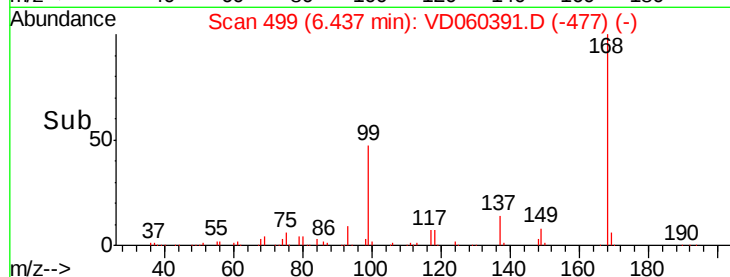
600000

400000

200000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.81 min Scan# 537

Delta R.T. 0.01 min

Lab File: VD060391.D

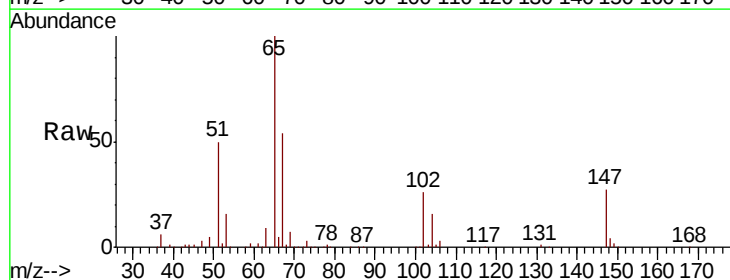
Acq: 16 Nov 2018 11:40

Tgt Ion: 65 Resp: 568397

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.81

250000

200000

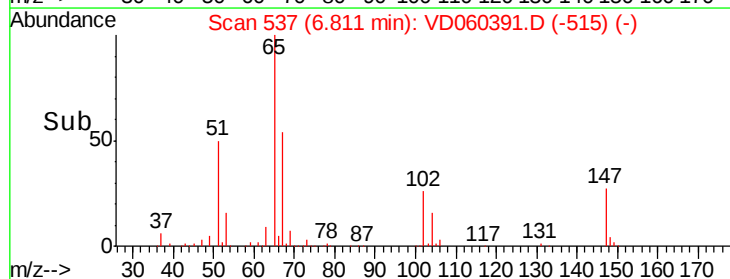
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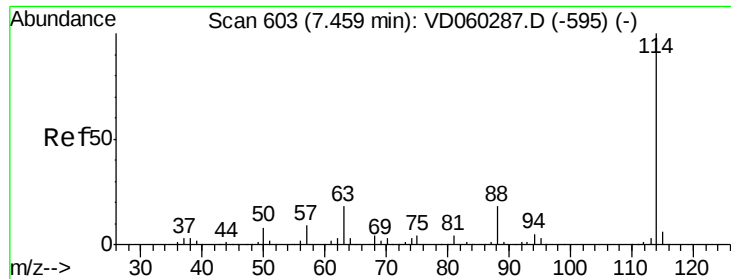
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50000

0

Time-->

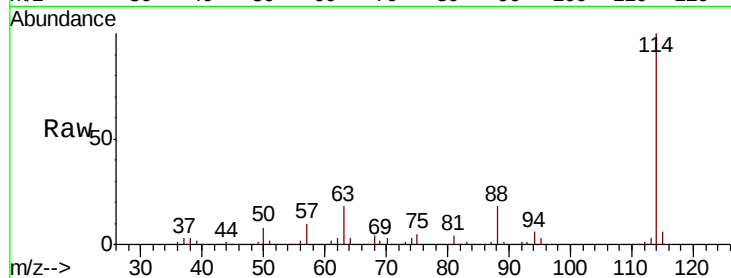




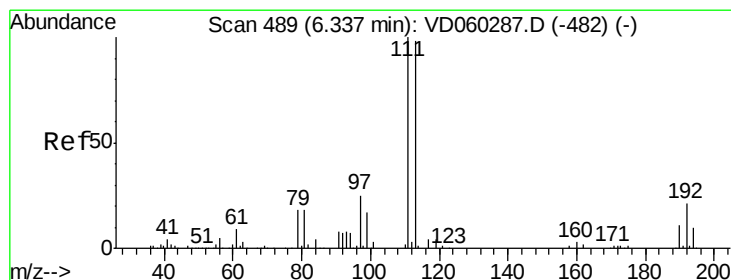
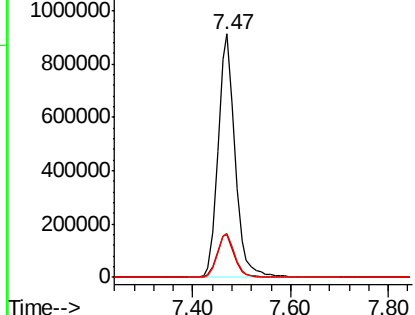
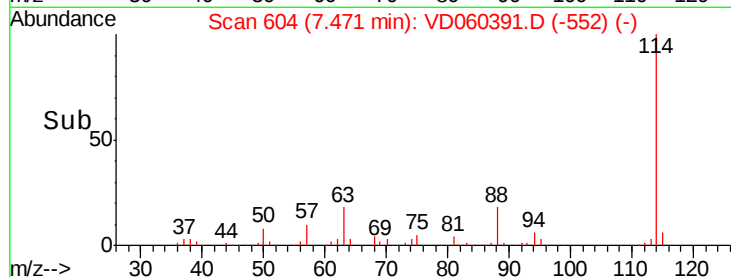
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.47 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VD060391.D
 Acq: 16 Nov 2018 11:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1116SBL01

Tot Ion:114 Resp: 2213699
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.0
 88 18.0 0.0 35.4

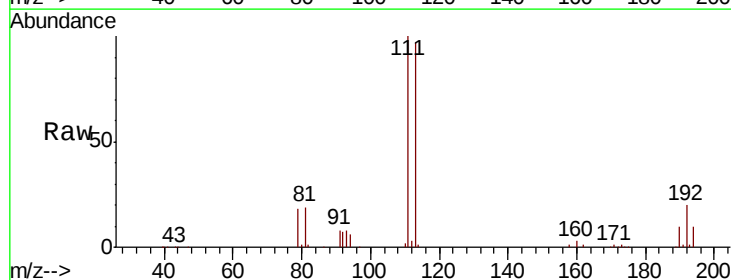


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

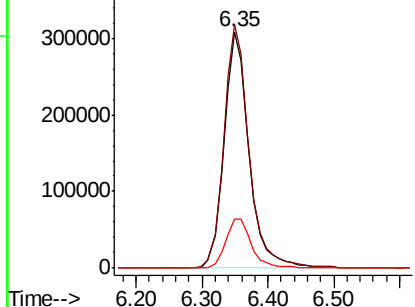
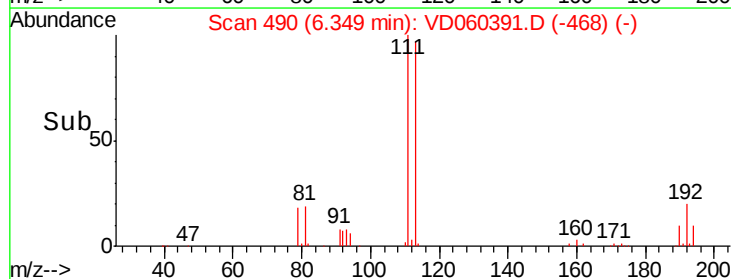


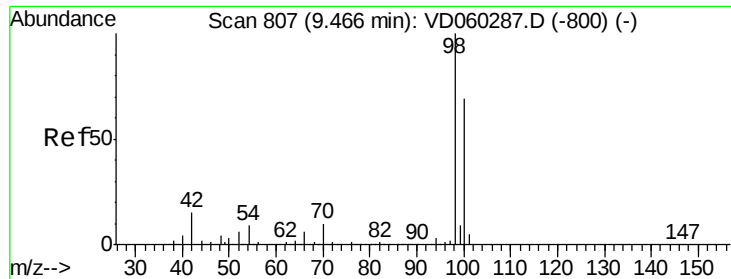
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.35 min Scan# 490
 Delta R.T. 0.01 min
 Lab File: VD060391.D
 Acq: 16 Nov 2018 11:40

Tgt Ion:113 Resp: 819829
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.6 122.4
 192 20.7 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: 9.48 min Scan# 808

Delta R.T. 0.01 min

Lab File: VD060391.D

Acq: 16 Nov 2018 11:40

Instrument :

MSVOA_D

ClientSampleId :

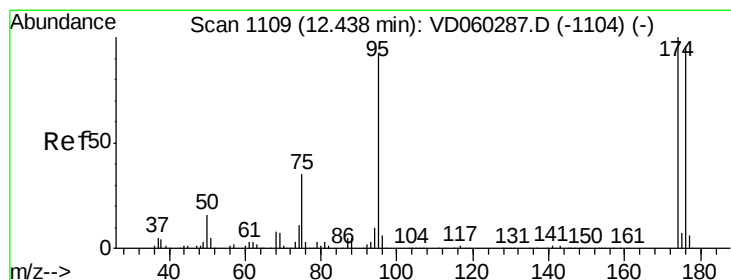
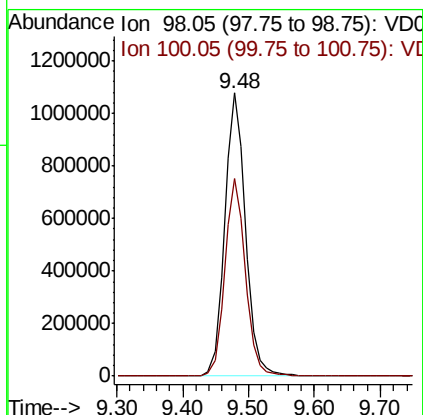
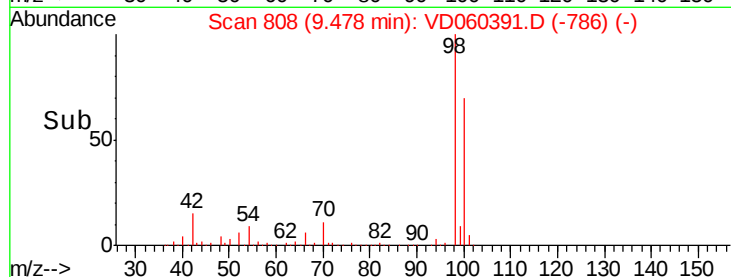
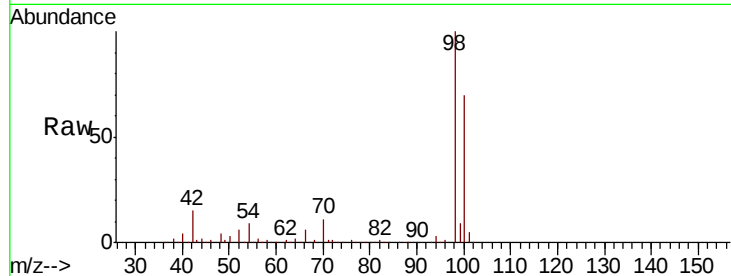
VD1116SBL01

Tot Ion: 98 Resp: 2378649

Ion Ratio Lower Upper

98 100

100 69.8 55.2 82.8



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VD060391.D

Acq: 16 Nov 2018 11:40

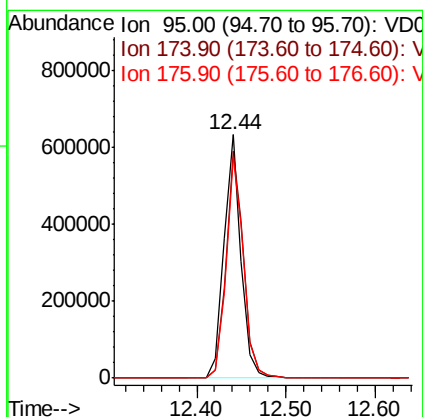
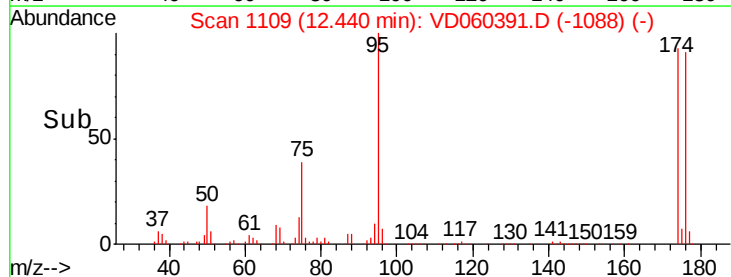
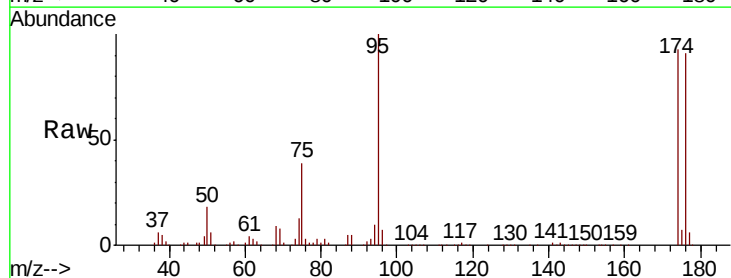
Tgt Ion: 95 Resp: 852576

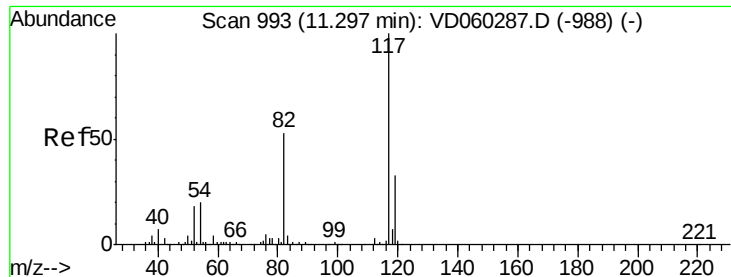
Ion Ratio Lower Upper

95 100

174 93.0 0.0 160.8

176 90.6 0.0 154.6

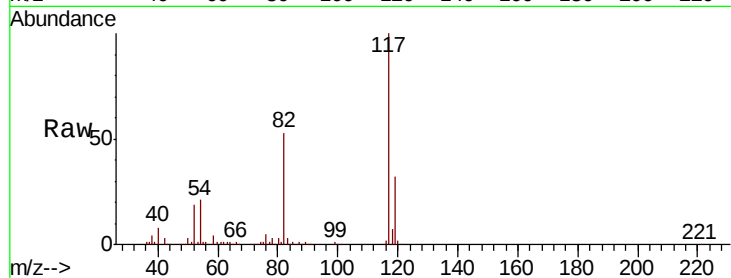




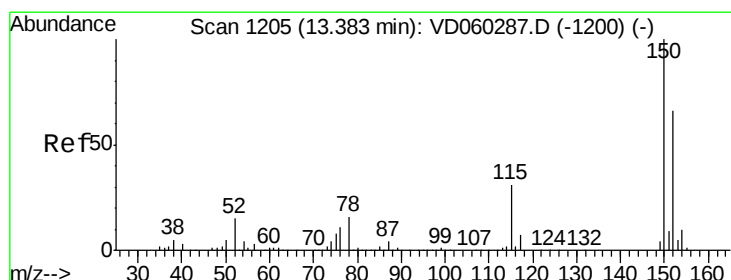
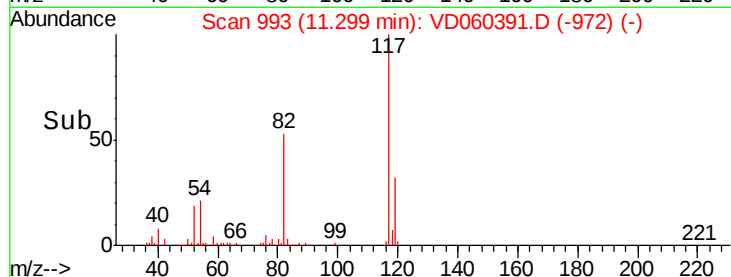
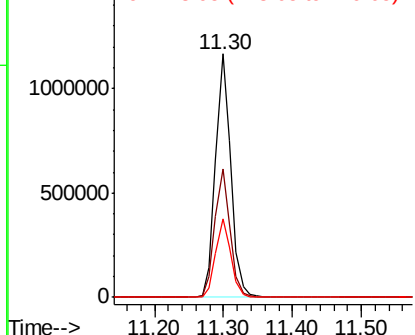
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.30 min Scan# 993
Delta R.T. 0.00 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Instrument :
MSVOA_D
ClientSampleId :
VD1116SBL01

Tot Ion:117 Resp: 1798118
Ion Ratio Lower Upper
117 100
82 52.6 43.7 65.5
119 32.4 26.1 39.1

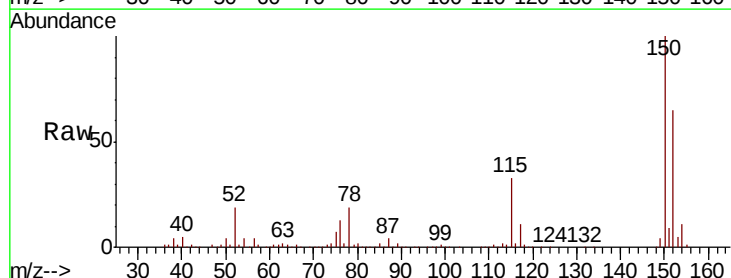


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.00 min
Lab File: VD060391.D
Acq: 16 Nov 2018 11:40

Tgt Ion:152 Resp: 884115
Ion Ratio Lower Upper
152 100
115 51.5 24.1 72.3
150 154.4 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

