

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111418\
 Data File : VD060371.D
 Acq On : 14 Nov 2018 11:08
 Operator : JC/SY
 Sample : VD1114SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1114SBL01

Quant Time: Nov 14 14:55:33 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	6.39	168	1616163	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	2143695	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.27	117	1733498	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	890456	50.00	ug/l	-0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	581874	50.28	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	100.56%	
35) Dibromofluoromethane	6.30	113	824935	51.61	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	103.22%	
50) Toluene-d8	9.43	98	2393018	51.15	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.41	95	836446	49.34	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	98.68%	

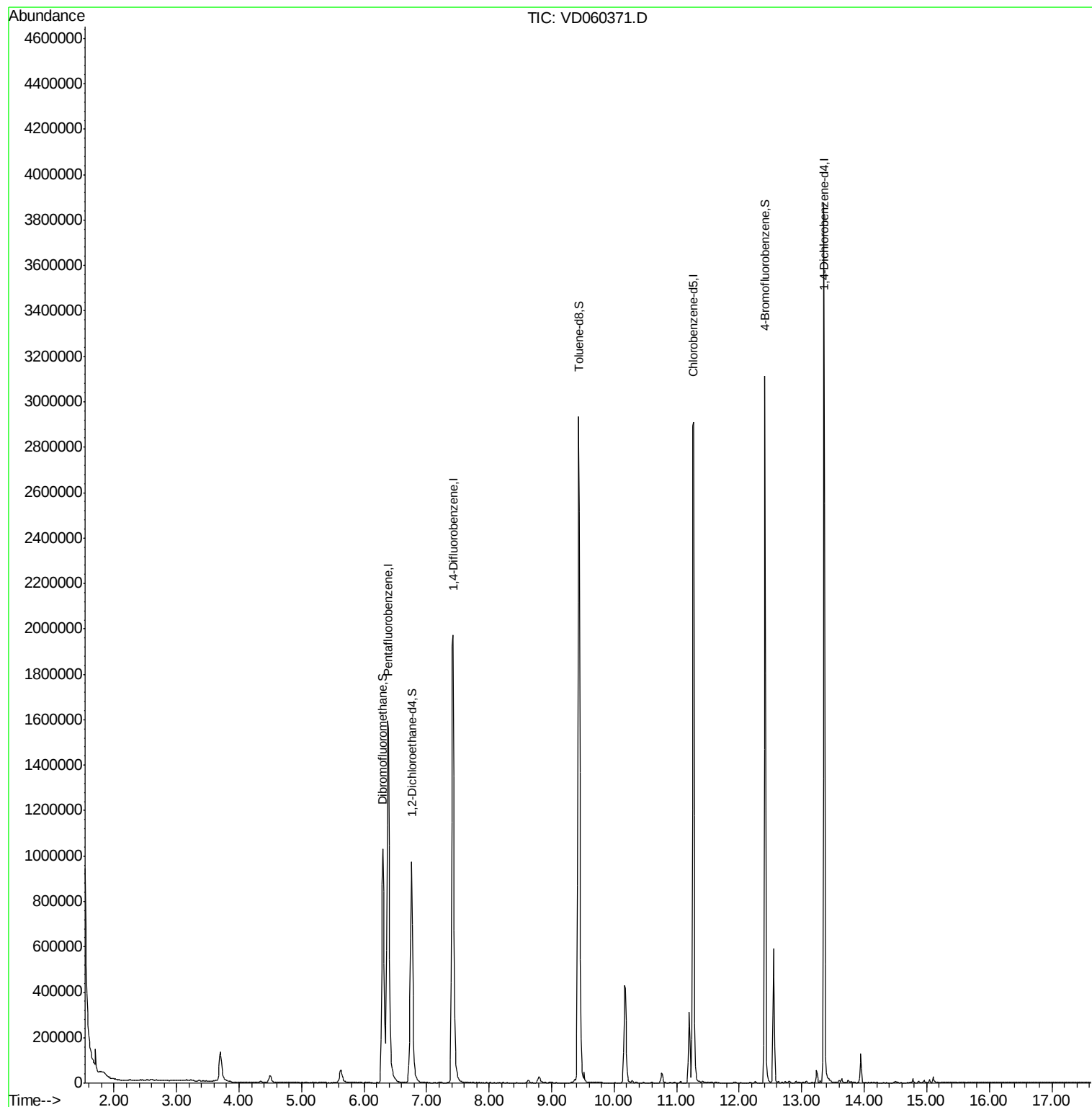
Target Compounds	Qvalue
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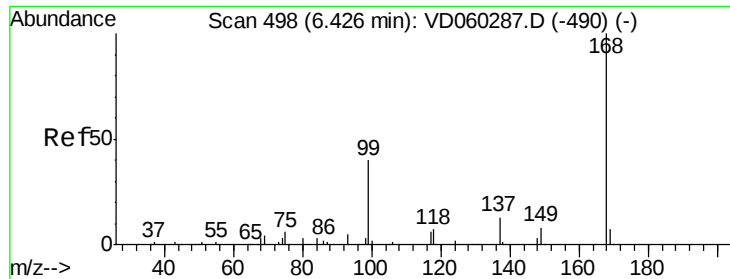
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD111418\
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Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.39 min Scan# 494

Delta R.T. -0.04 min

Lab File: VD060371.D

Acq: 14 Nov 2018 11:08

Instrument :

MSVOA_D

ClientSampleId :

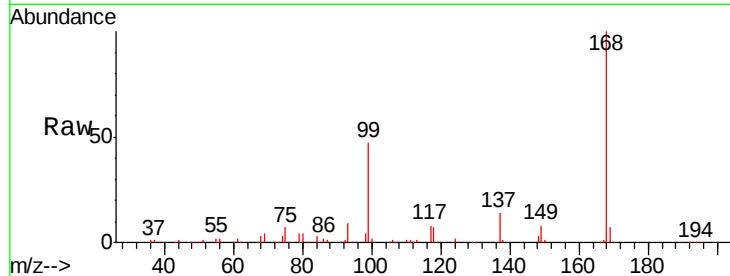
VD1114SBL01

Tgt Ion:168 Resp: 1616163

Ion Ratio Lower Upper

168 100

99 46.7 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.39

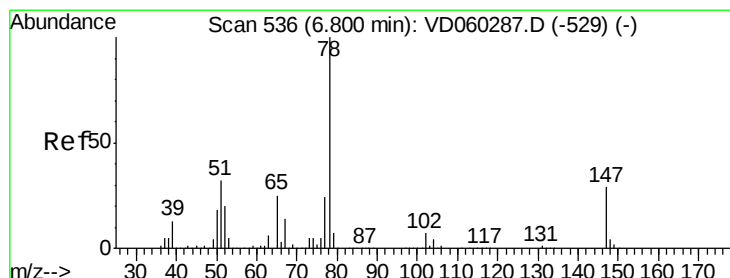
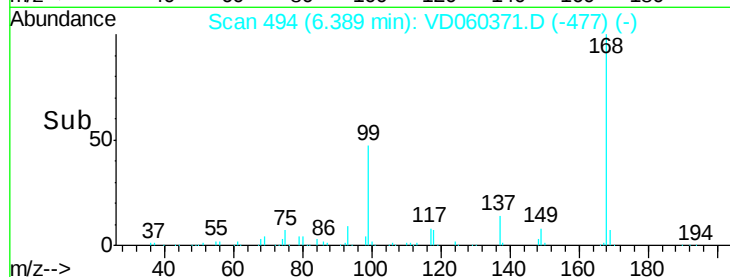
600000

400000

200000

0

Time--> 6.20 6.40 6.60



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.76 min Scan# 532

Delta R.T. -0.04 min

Lab File: VD060371.D

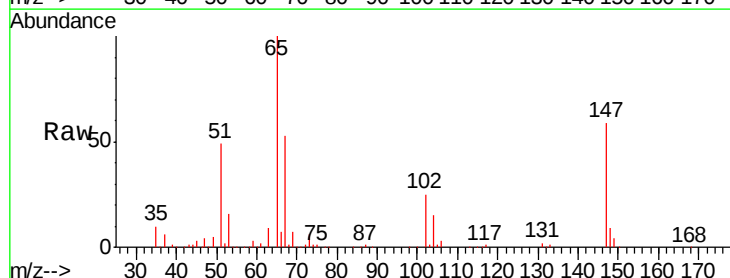
Acq: 14 Nov 2018 11:08

Tgt Ion: 65 Resp: 581874

Ion Ratio Lower Upper

65 100

67 52.7 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.76

250000

200000

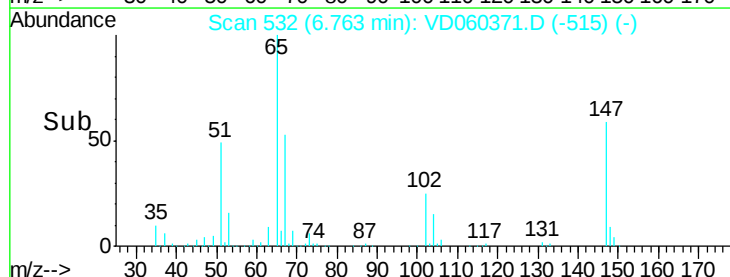
150000

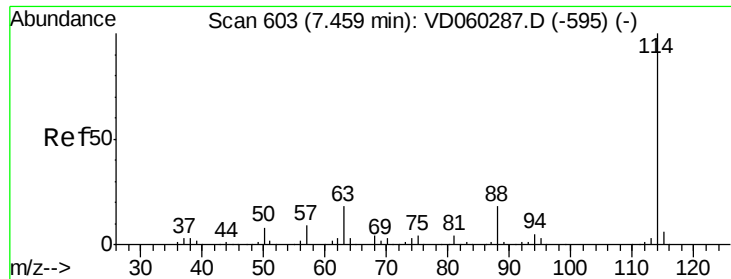
100000

50000

0

Time--> 6.60 6.70 6.80 6.90

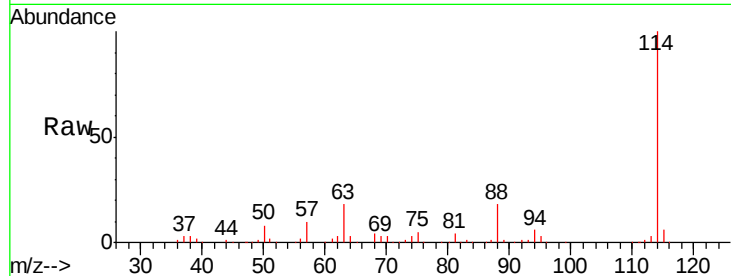




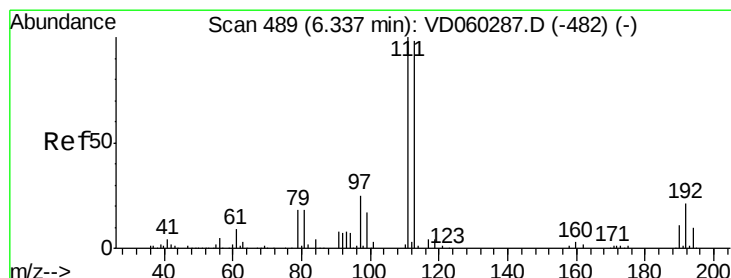
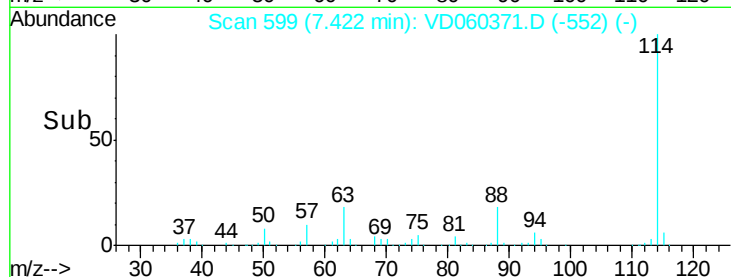
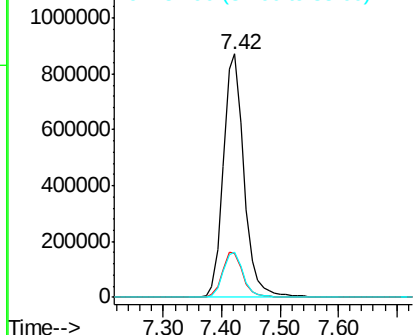
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. -0.04 min
 Lab File: VD060371.D
 Acq: 14 Nov 2018 11:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1114SBL01

Tgt Ion:114 Resp: 2143695
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 34.0
 88 18.4 0.0 35.4

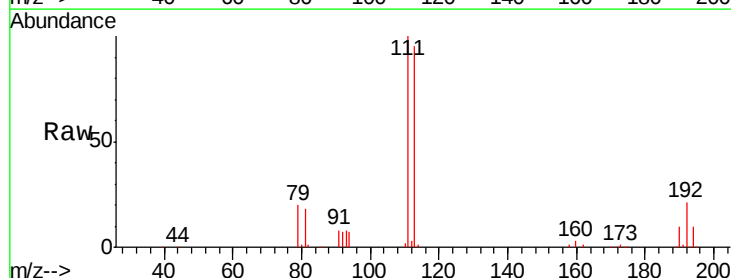


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

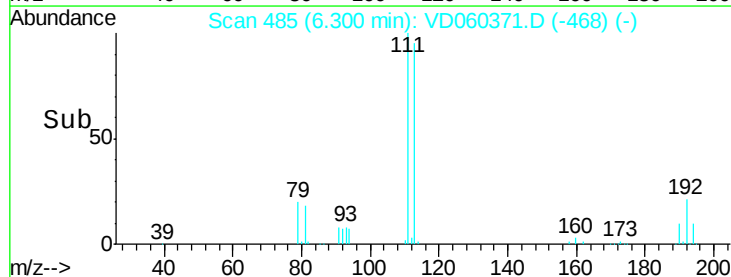
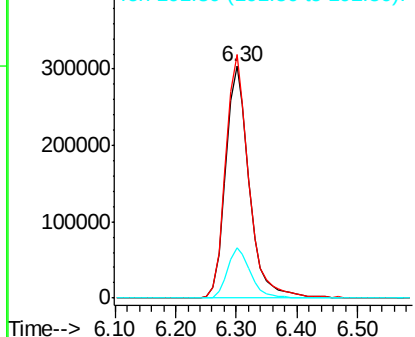


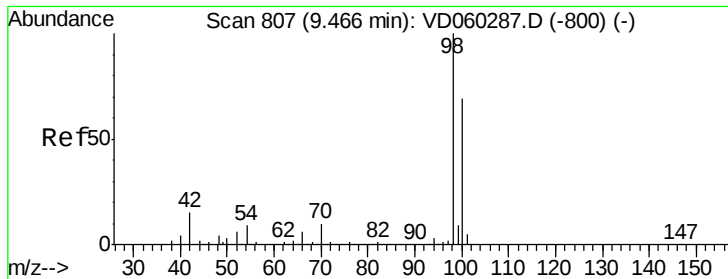
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.30 min Scan# 485
 Delta R.T. -0.04 min
 Lab File: VD060371.D
 Acq: 14 Nov 2018 11:08

Tgt Ion:113 Resp: 824935
 Ion Ratio Lower Upper
 113 100
 111 105.1 81.6 122.4
 192 21.7 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: 9.43 min Scan# 803

Delta R.T. -0.04 min

Lab File: VD060371.D

Acq: 14 Nov 2018 11:08

Instrument :

MSVOA_D

ClientSampleId :

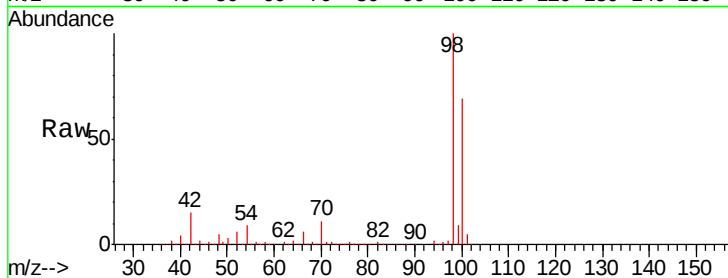
VD1114SBL01

Tgt Ion: 98 Resp: 2393018

Ion Ratio Lower Upper

98 100

100 68.7 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

9.43

1200000

1000000

800000

600000

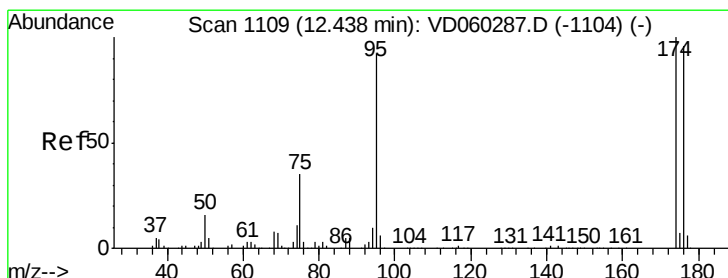
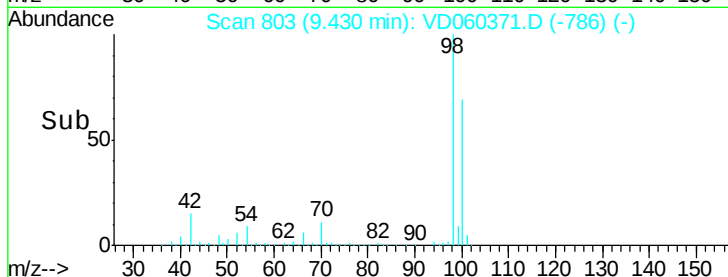
400000

200000

0

Time-->

9.30 9.40 9.50 9.60



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1106

Delta R.T. -0.03 min

Lab File: VD060371.D

Acq: 14 Nov 2018 11:08

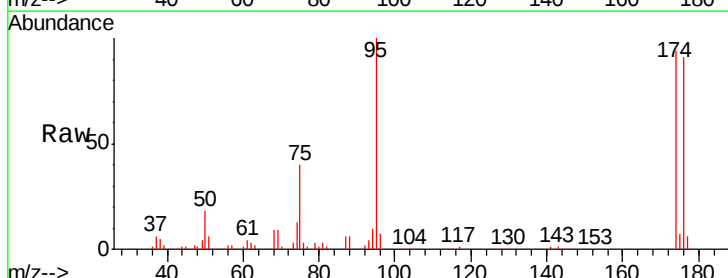
Tgt Ion: 95 Resp: 836446

Ion Ratio Lower Upper

95 100

174 94.5 0.0 160.8

176 90.8 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

12.41

800000

600000

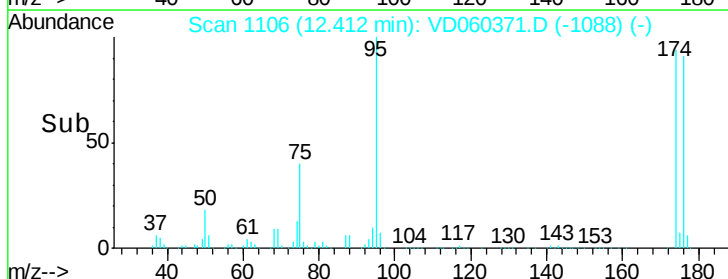
400000

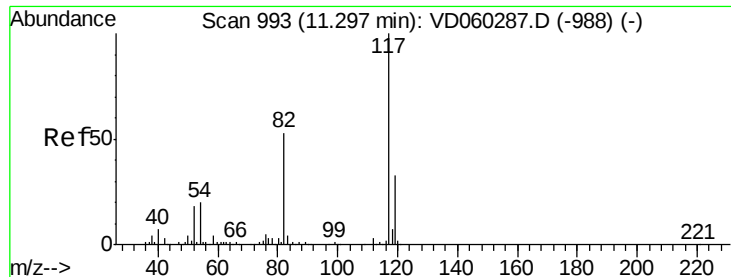
200000

0

Time-->

12.30 12.40 12.50

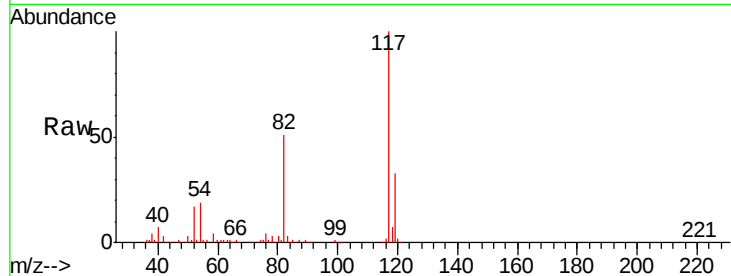




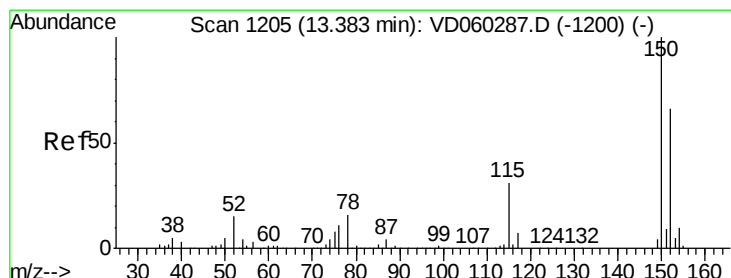
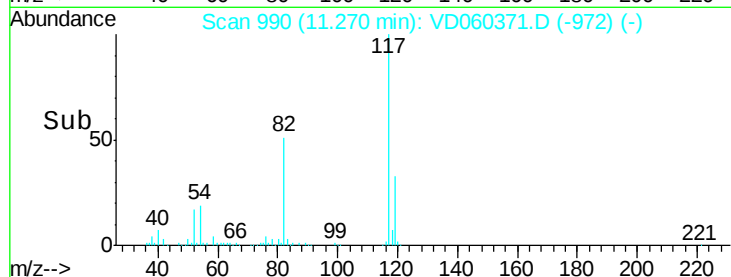
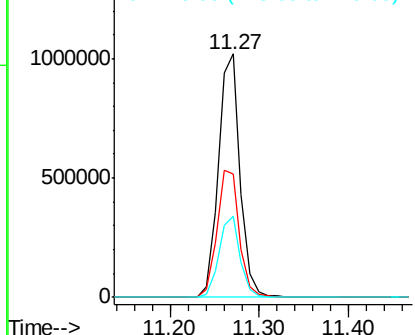
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.03 min
Lab File: VD060371.D
Acq: 14 Nov 2018 11:08

Instrument :
MSVOA_D
ClientSampleId :
VD1114SBL01

Tgt Ion:117 Resp: 1733498
Ion Ratio Lower Upper
117 100
82 50.8 43.7 65.5
119 33.2 26.1 39.1

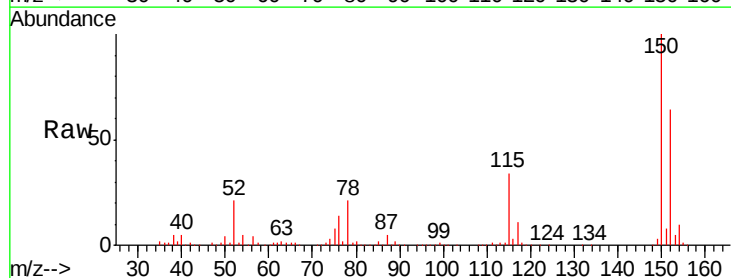


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.36 min Scan# 1202
Delta R.T. -0.03 min
Lab File: VD060371.D
Acq: 14 Nov 2018 11:08

Tgt Ion:152 Resp: 890456
Ion Ratio Lower Upper
152 100
115 52.7 24.1 72.3
150 155.6 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

