

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031219\
 Data File : VD061025.D
 Acq On : 12 Mar 2019 15:42
 Operator : VA/AP
 Sample : K1824-01
 Misc : 5.09g/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-24

Quant Time: Mar 13 04:39:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	655653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1099133	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	971421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	386931	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	232849	42.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.34%	
35) Dibromofluoromethane	6.92	113	381683	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
50) Toluene-d8	10.41	98	935251	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
62) 4-Bromofluorobenzene	13.55	95	337308	42.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.88%	

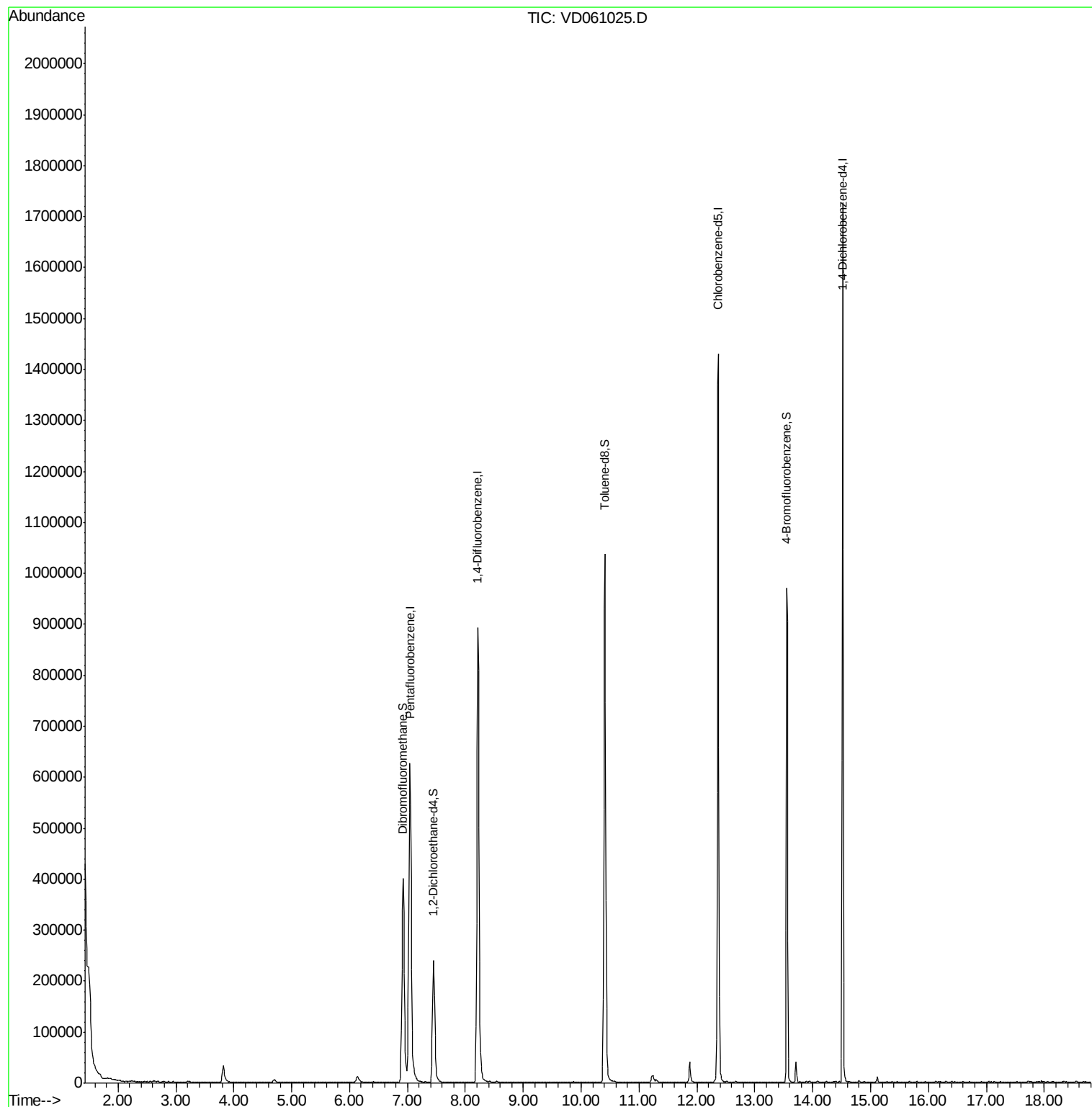
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD061025.D

Acq: 12 Mar 2019 15:42

Instrument :

MSVOA_D

ClientSampleId :

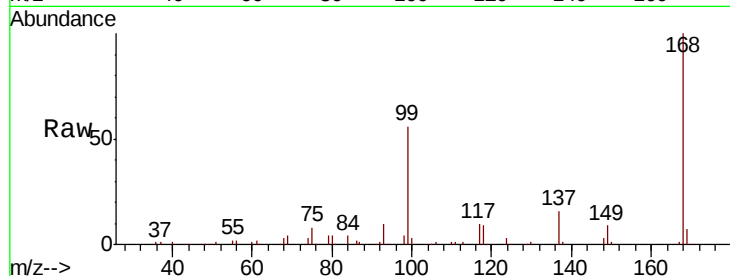
TP-24

Tgt Ion:168 Resp: 655653

Ion Ratio Lower Upper

168 100

99 56.2 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

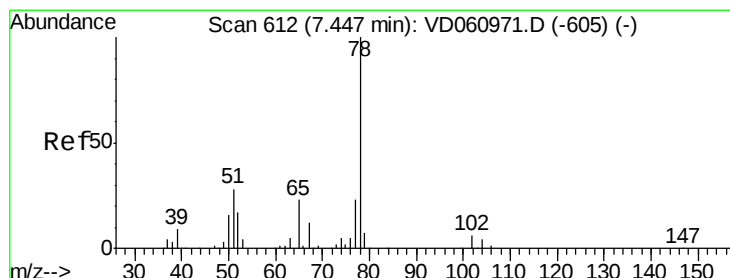
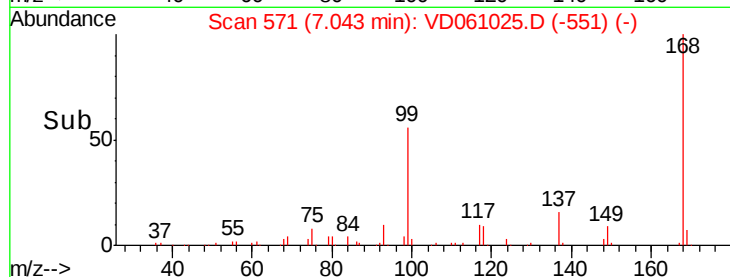
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD061025.D

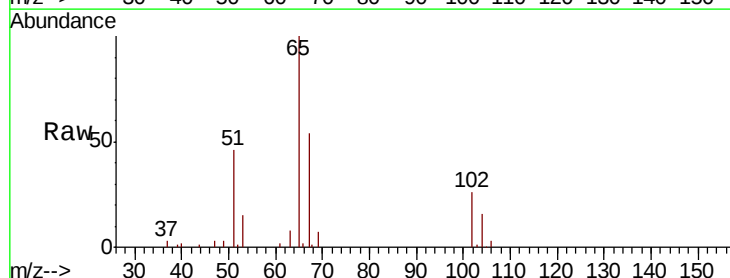
Acq: 12 Mar 2019 15:42

Tgt Ion: 65 Resp: 232849

Ion Ratio Lower Upper

65 100

67 53.9 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

80000

60000

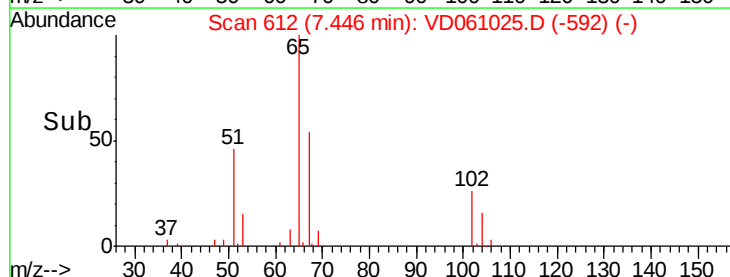
40000

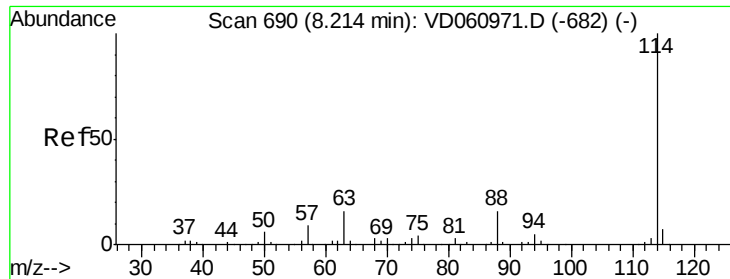
20000

0

7.30 7.40 7.50 7.60

Time-->

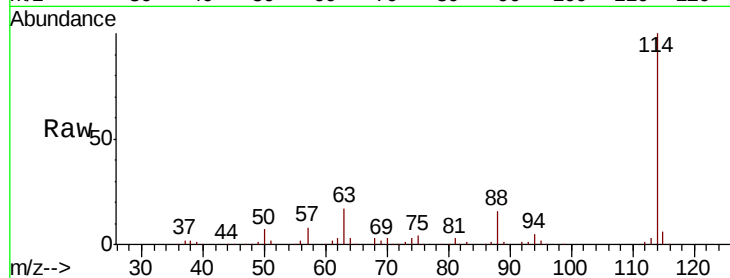




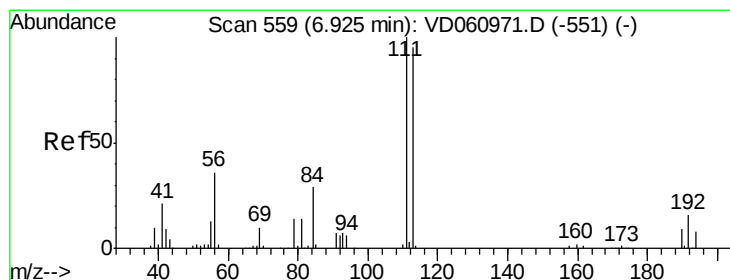
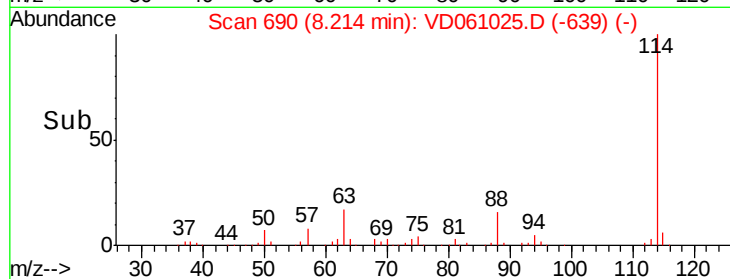
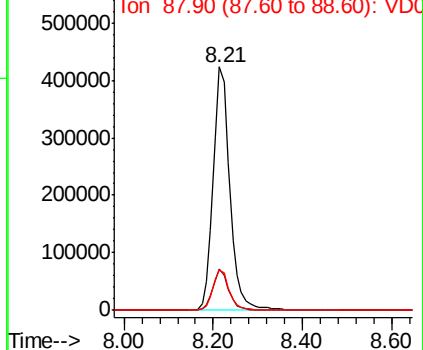
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 690
Delta R.T. -0.00 min
Lab File: VD061025.D
Acq: 12 Mar 2019 15:42

Instrument :
MSVOA_D
ClientSampled :
TP-24

Tgt Ion:114 Resp: 1099133
Ion Ratio Lower Upper
114 100
63 16.8 0.0 31.4
88 16.5 0.0 33.0

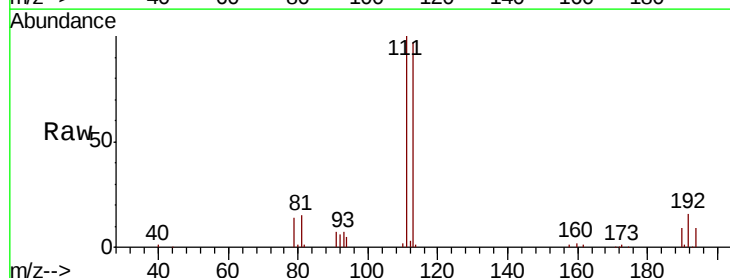


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

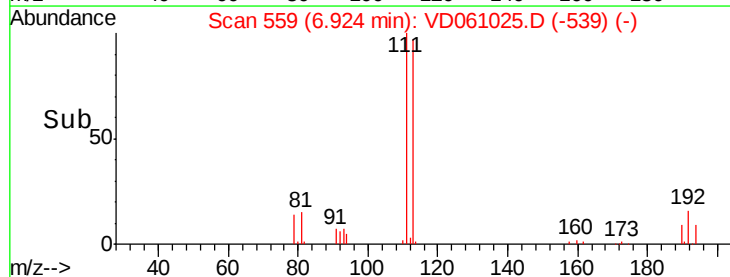
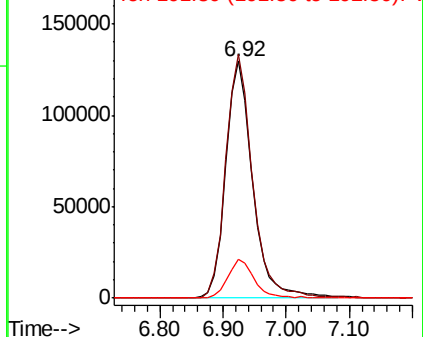


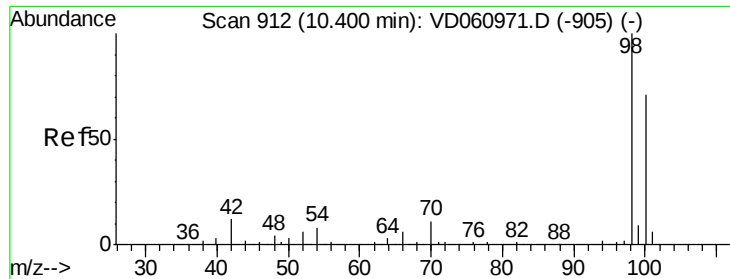
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.92 min Scan# 559
Delta R.T. -0.00 min
Lab File: VD061025.D
Acq: 12 Mar 2019 15:42

Tgt Ion:113 Resp: 381683
Ion Ratio Lower Upper
113 100
111 102.8 84.2 126.4
192 16.4 13.1 19.7



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: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061025.D

Acq: 12 Mar 2019 15:42

Instrument :

MSVOA_D

ClientSampled :

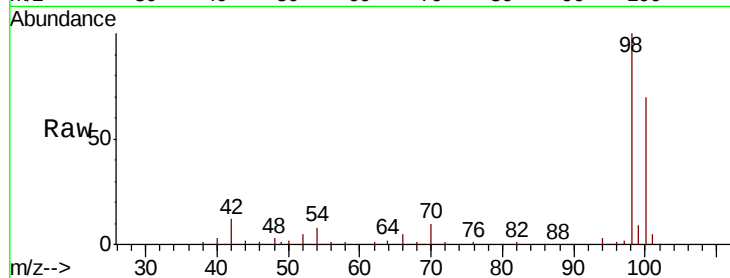
TP-24

Tgt Ion: 98 Resp: 935251

Ion Ratio Lower Upper

98 100

100 69.9 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

10.41

400000

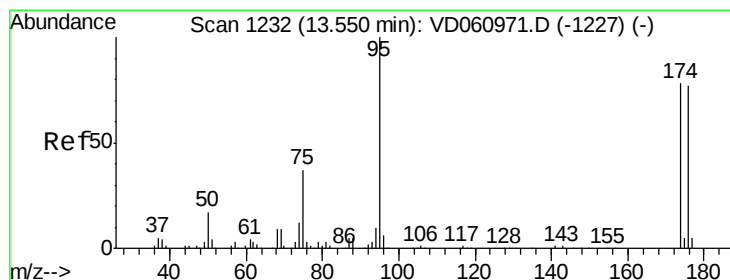
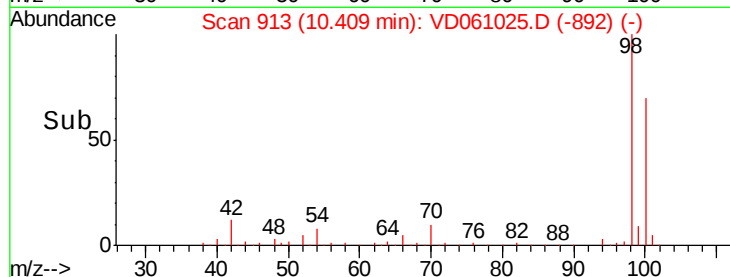
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061025.D

Acq: 12 Mar 2019 15:42

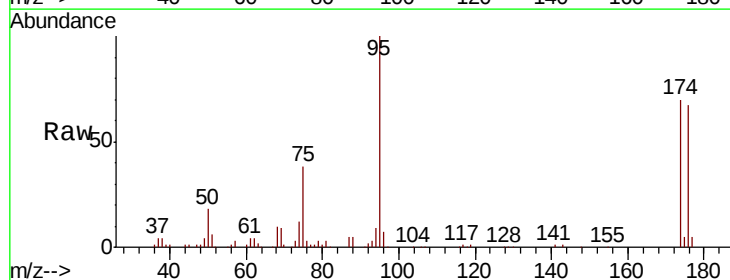
Tgt Ion: 95 Resp: 337308

Ion Ratio Lower Upper

95 100

174 69.7 0.0 155.6

176 67.0 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

300000

250000

200000

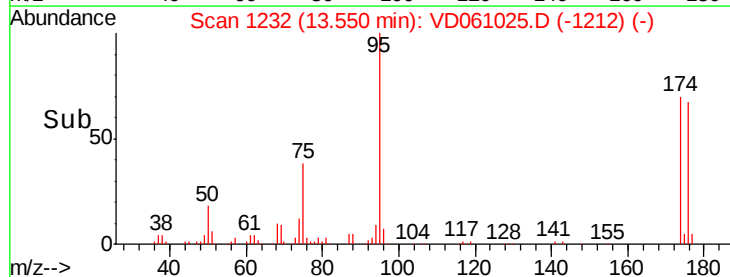
150000

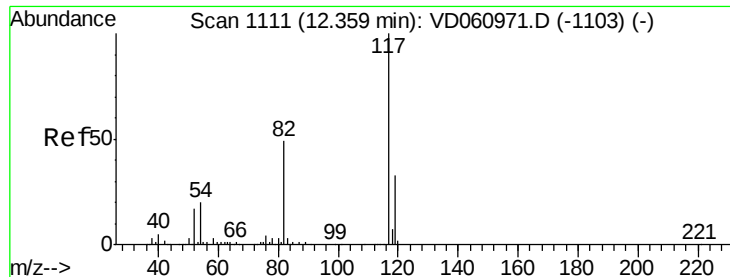
100000

50000

0

Time-->

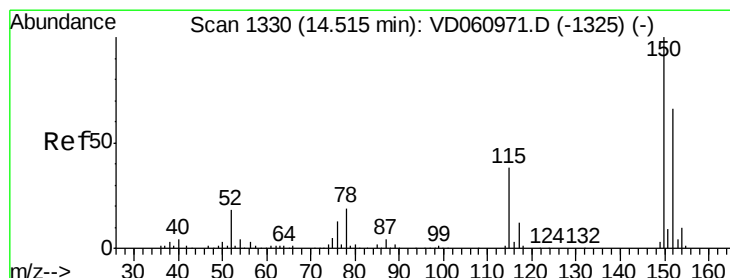
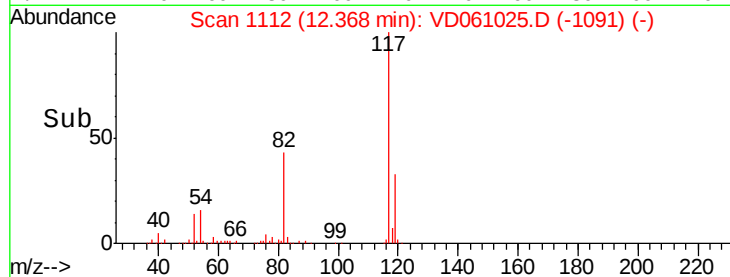
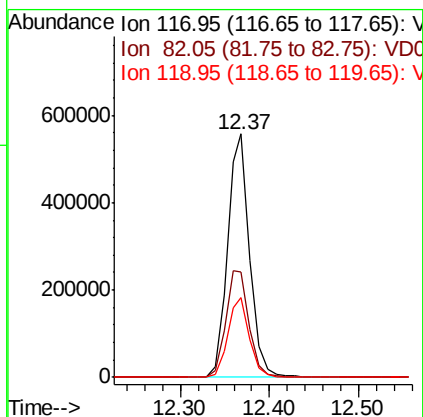
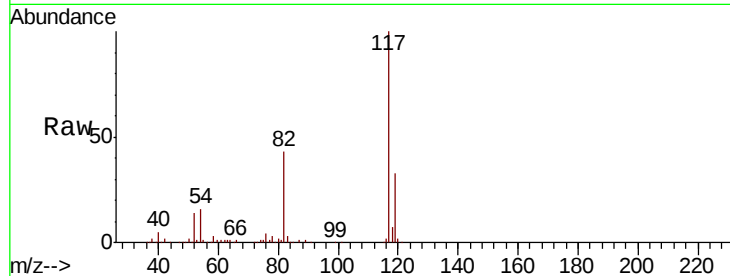




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061025.D
Acq: 12 Mar 2019 15:42

Instrument :
MSVOA_D
ClientSampleId :
TP-24

Tgt Ion:117 Resp: 971421
Ion Ratio Lower Upper
117 100
82 43.2 38.9 58.3
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061025.D
Acq: 12 Mar 2019 15:42

Tgt Ion:152 Resp: 386931
Ion Ratio Lower Upper
152 100
115 59.5 28.6 85.9
150 157.7 0.0 310.6

