

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032119\
 Data File : VD061238.D
 Acq On : 21 Mar 2019 12:00
 Operator : VA/AP
 Sample : VD0321SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0321SBL01

Quant Time: Mar 22 04:39:04 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	7.06	168	690044	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1070649	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	908702	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	391875	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	271060	47.19	ug/l	0.02
Spiked Amount 50.000			Recovery	=	94.38%	
35) Dibromofluoromethane	6.94	113	440425	55.43	ug/l	0.02
Spiked Amount 50.000			Recovery	=	110.86%	
50) Toluene-d8	10.42	98	1002137	50.22	ug/l	0.02
Spiked Amount 50.000			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	13.56	95	395908	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	

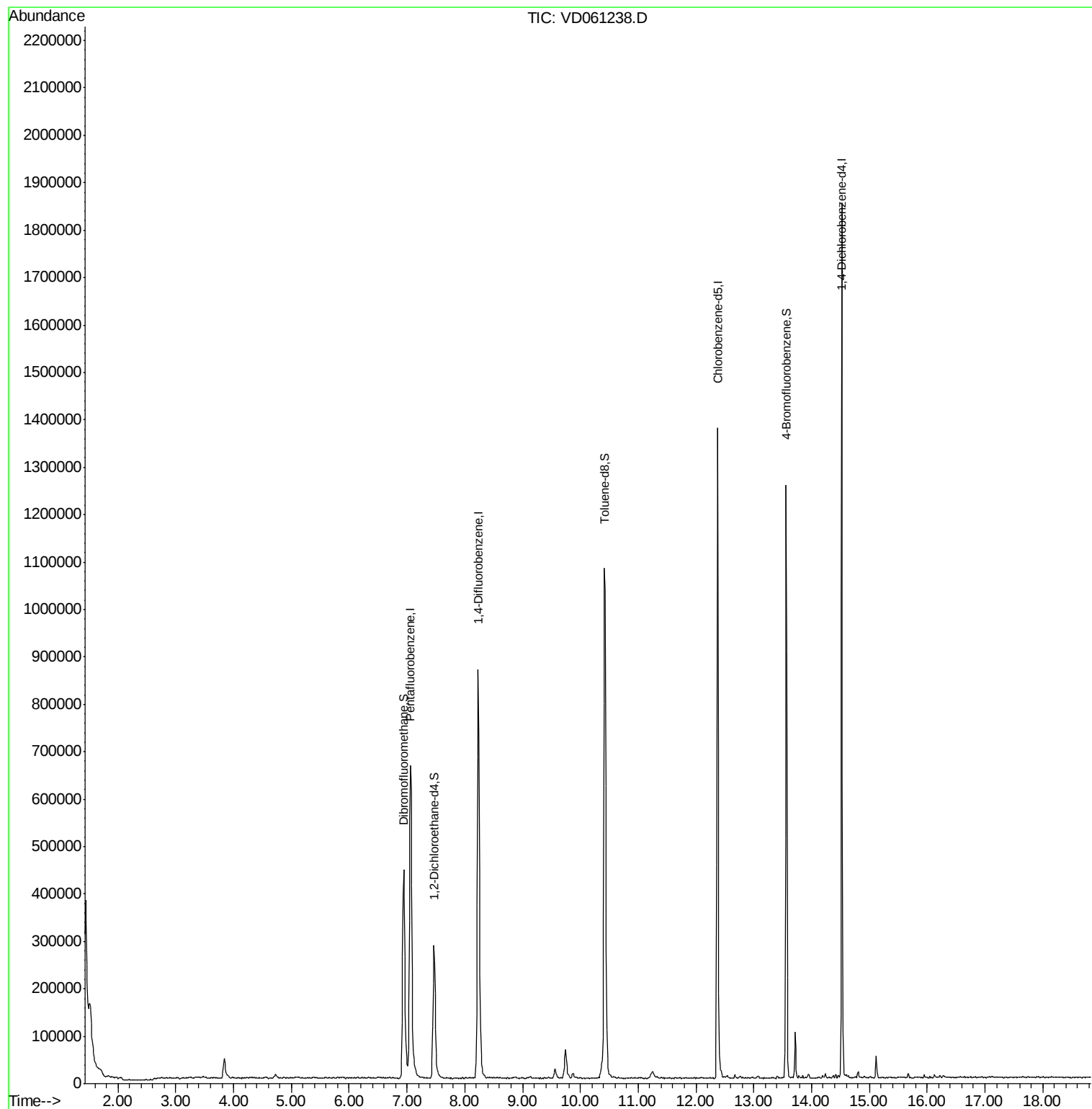
Target Compounds	Qvalue
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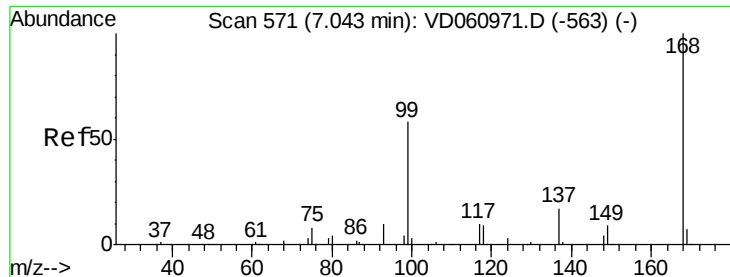
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD061238.D

Acq: 21 Mar 2019 12:00

Instrument :

MSVOA_D

ClientSampleId :

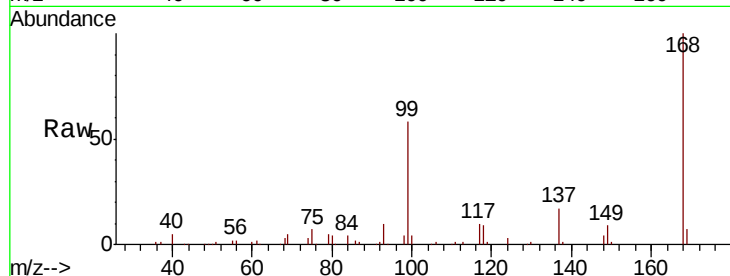
VD0321SBL01

Tot Ion:168 Resp: 690044

Ion Ratio Lower Upper

168 100

99 58.0 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

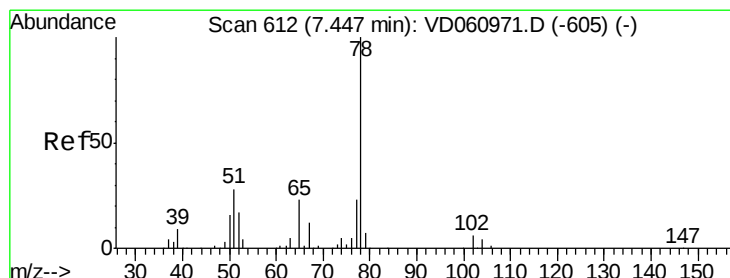
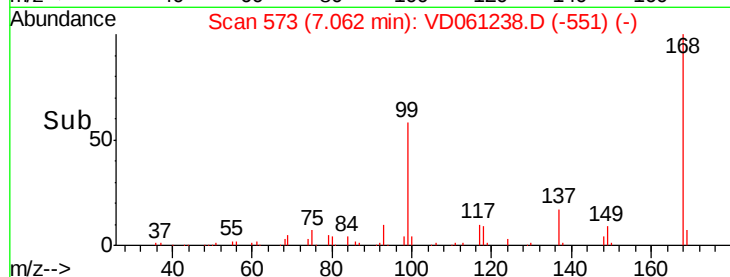
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.02 min

Lab File: VD061238.D

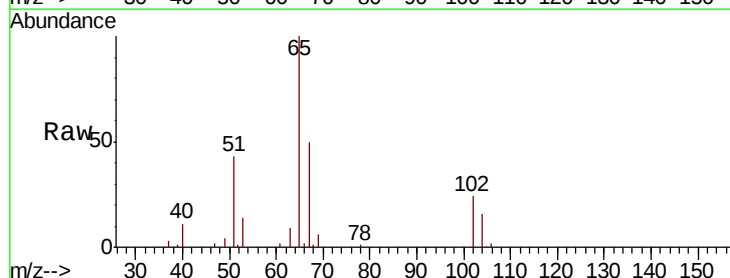
Acq: 21 Mar 2019 12:00

Tgt Ion: 65 Resp: 271060

Ion Ratio Lower Upper

65 100

67 50.4 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

100000

80000

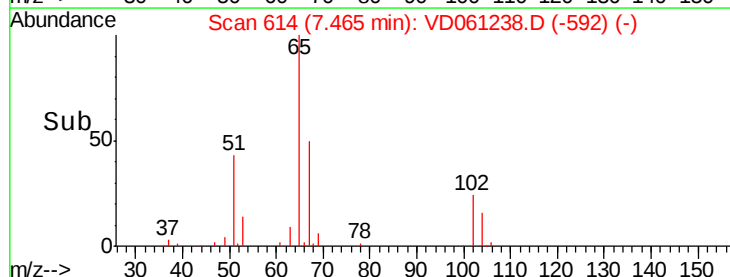
60000

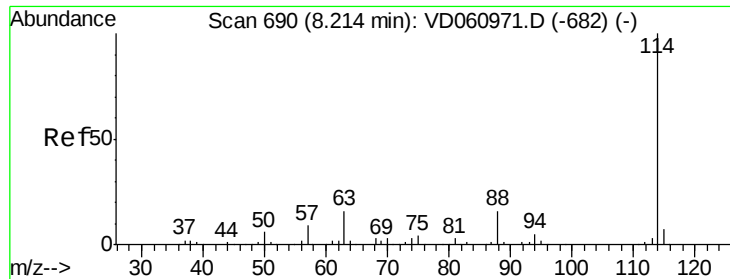
40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70

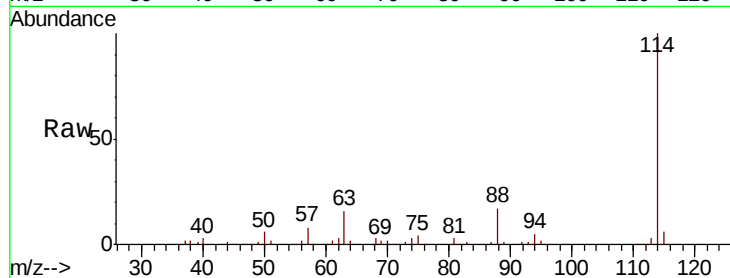




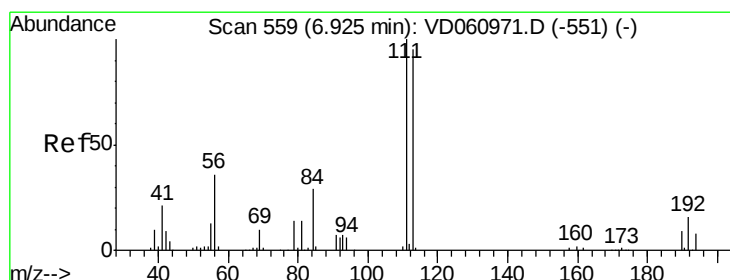
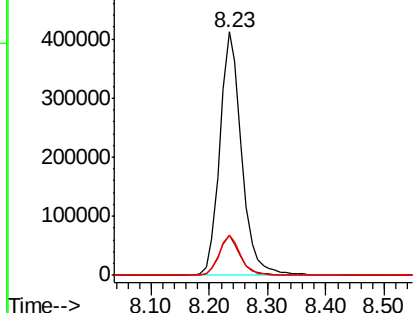
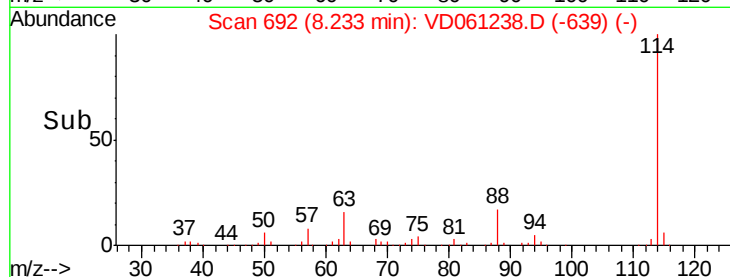
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD061238.D
 Acq: 21 Mar 2019 12:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0321SBL01

Tot Ion:114 Resp: 1070649
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 31.4
 88 16.7 0.0 33.0

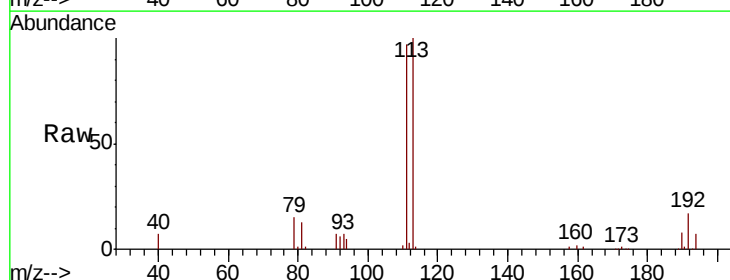


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

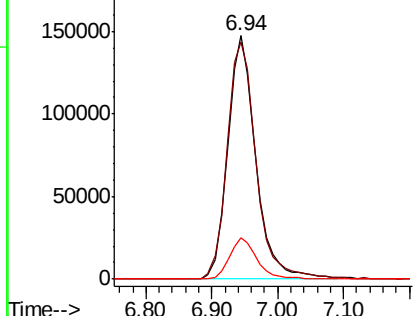
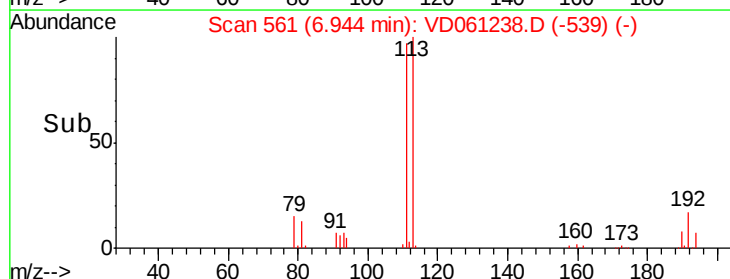


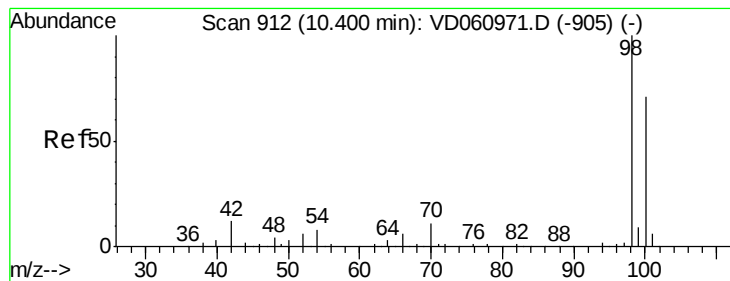
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.02 min
 Lab File: VD061238.D
 Acq: 21 Mar 2019 12:00

Tgt Ion:113 Resp: 440425
 Ion Ratio Lower Upper
 113 100
 111 97.2 84.2 126.4
 192 16.9 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: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD061238.D

Acq: 21 Mar 2019 12:00

Instrument :

MSVOA_D

ClientSampleId :

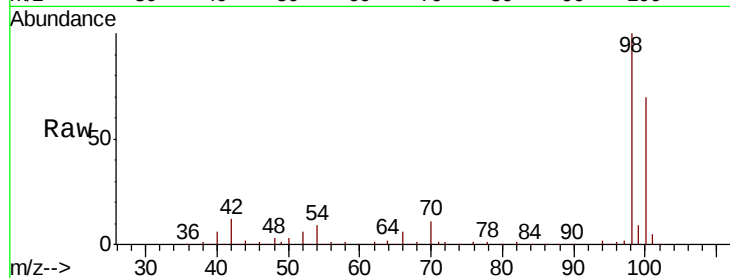
VD0321SBL01

Tot Ion: 98 Resp: 1002137

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) (-)

10.42

400000

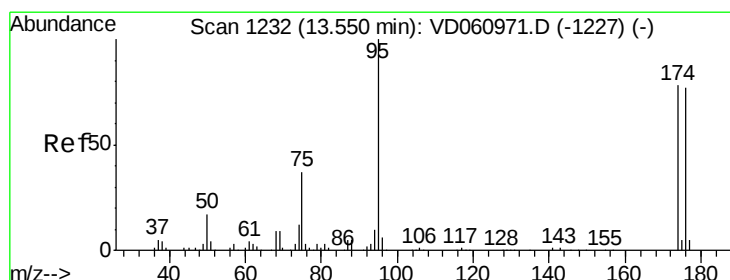
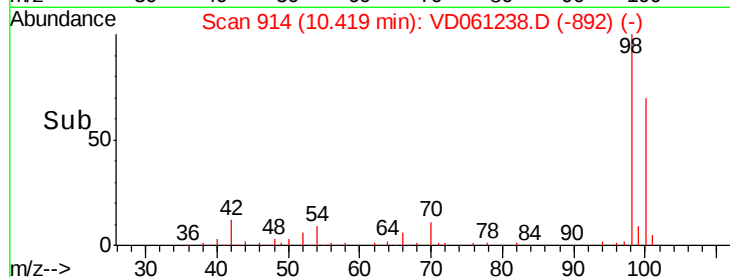
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061238.D

Acq: 21 Mar 2019 12:00

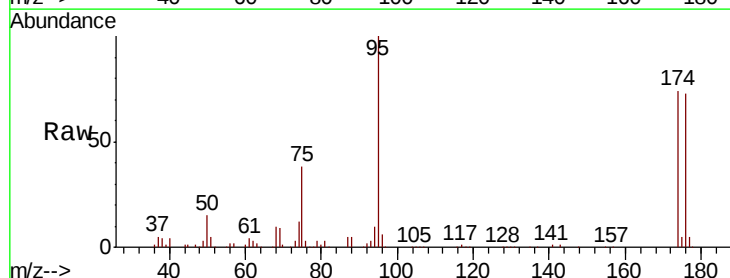
Tgt Ion: 95 Resp: 395908

Ion Ratio Lower Upper

95 100

174 74.2 0.0 155.6

176 72.7 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) (-)

13.56

400000

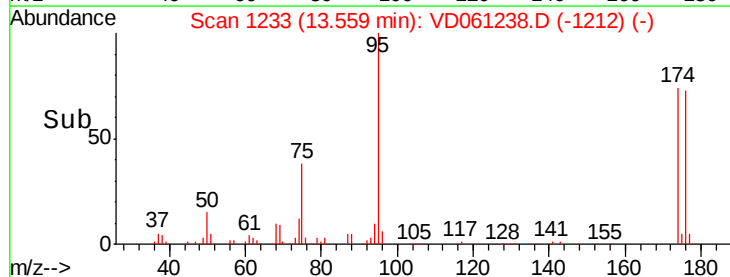
300000

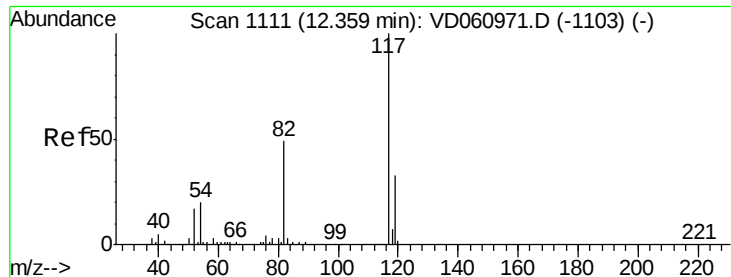
200000

100000

0

Time-->

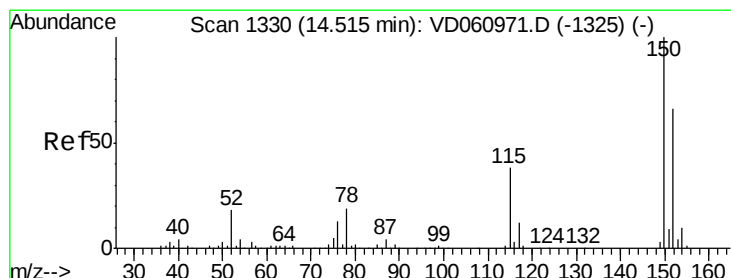
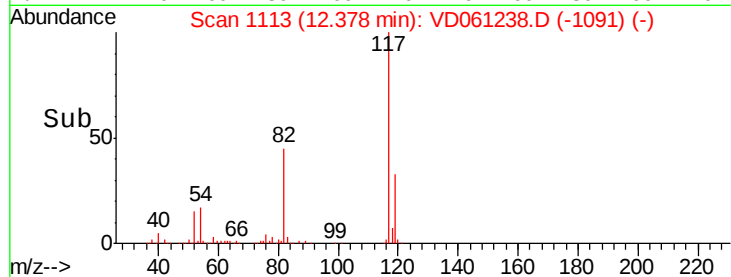
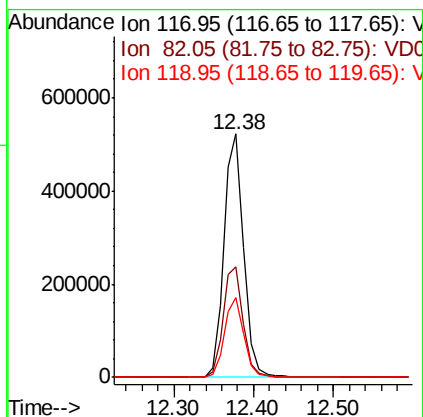
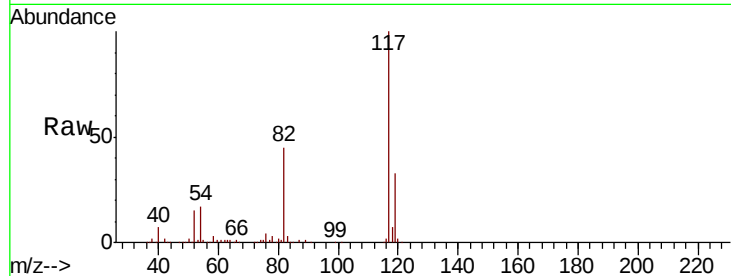




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061238.D
Acq: 21 Mar 2019 12:00

Instrument :
MSVOA_D
ClientSampleId :
VD0321SBL01

Tot Ion:117 Resp: 908702
Ion Ratio Lower Upper
117 100
82 45.4 38.9 58.3
119 32.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061238.D
Acq: 21 Mar 2019 12:00

Tgt Ion:152 Resp: 391875
Ion Ratio Lower Upper
152 100
115 57.5 28.6 85.9
150 157.7 0.0 310.6

