

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032219\
 Data File : VD061253.D
 Acq On : 22 Mar 2019 11:29
 Operator : VA/AP
 Sample : VD0322SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBL01

Quant Time: Mar 22 23:46:26 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	7.10	168	697562	50.00	ug/l	0.06
34) 1,4-Difluorobenzene	8.27	114	1154405	50.00	ug/l	0.06
63) Chlorobenzene-d5	12.40	117	900849	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	14.54	152	436646	50.00	ug/l	0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.51	65	295859	50.95	ug/l	0.06
Spiked Amount	50.000		Recovery	=	101.90%	
35) Dibromofluoromethane	6.98	113	452985	52.87	ug/l	0.06
Spiked Amount	50.000		Recovery	=	105.74%	
50) Toluene-d8	10.46	98	988815	45.96	ug/l	0.06
Spiked Amount	50.000		Recovery	=	91.92%	
62) 4-Bromofluorobenzene	13.58	95	418973	50.19	ug/l	0.03
Spiked Amount	50.000		Recovery	=	100.38%	

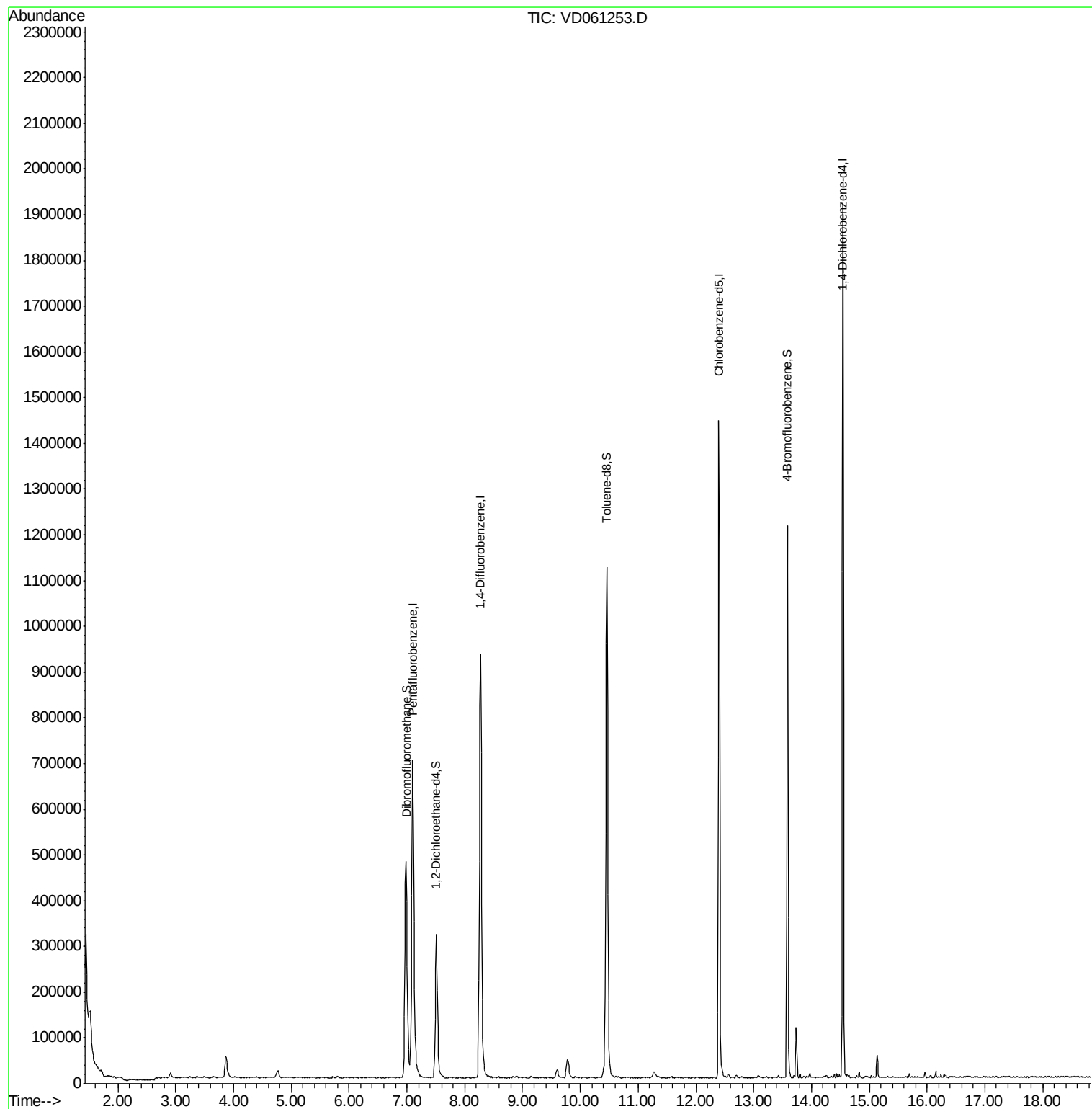
Target Compounds	Qvalue

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

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QLast Update : Fri Mar 08 02:35:39 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.10 min Scan# 577

Delta R.T. 0.06 min

Lab File: VD061253.D

Acq: 22 Mar 2019 11:29

Instrument :

MSVOA_D

ClientSampleId :

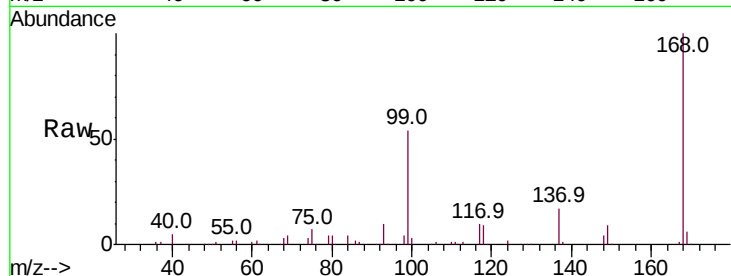
VD0322SBL01

Tot Ion:168 Resp: 697562

Ion Ratio Lower Upper

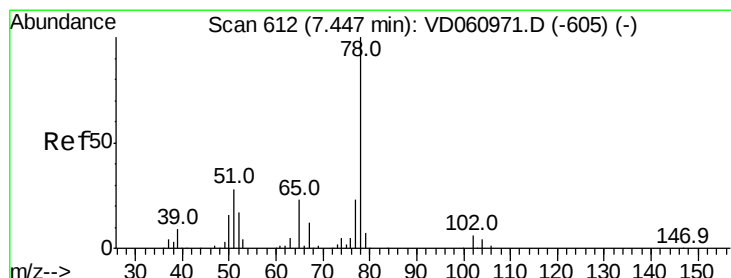
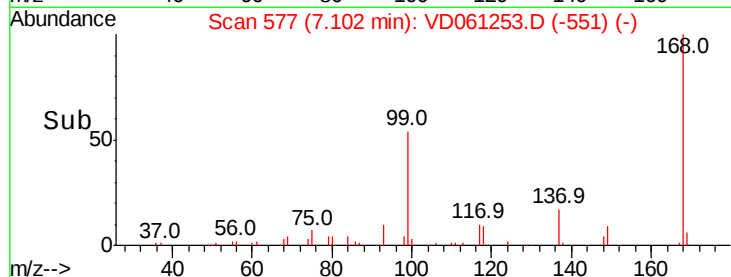
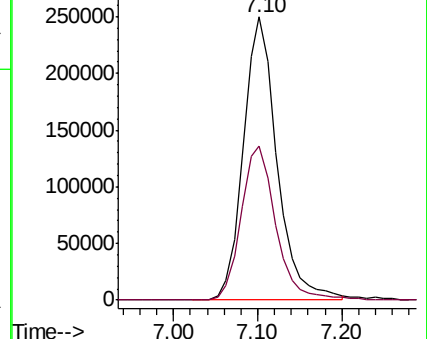
168 100

99 54.4 47.3 70.9



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: 7.51 min Scan# 618

Delta R.T. 0.06 min

Lab File: VD061253.D

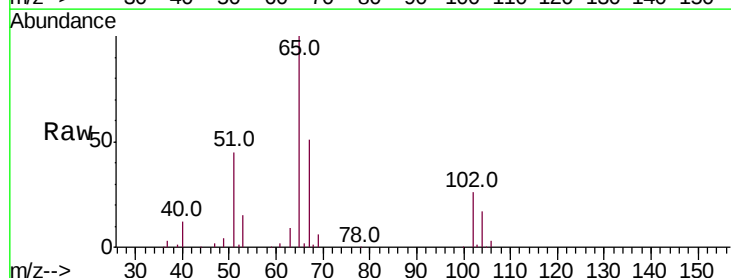
Acq: 22 Mar 2019 11:29

Tgt Ion: 65 Resp: 295859

Ion Ratio Lower Upper

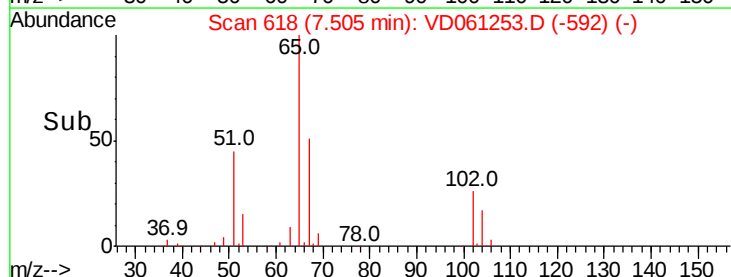
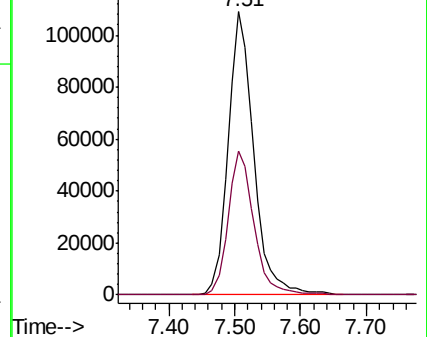
65 100

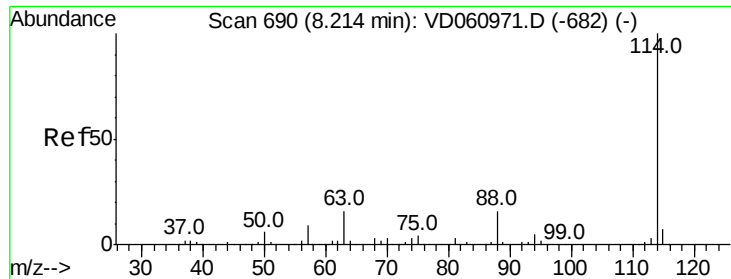
67 51.0 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

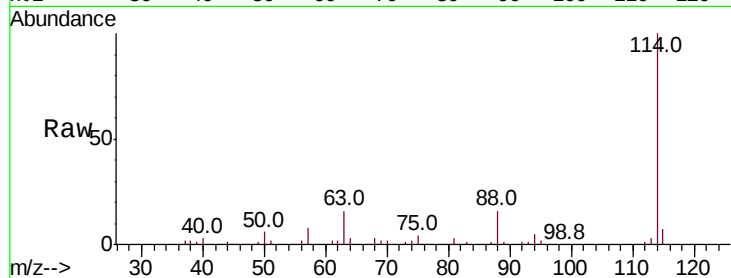




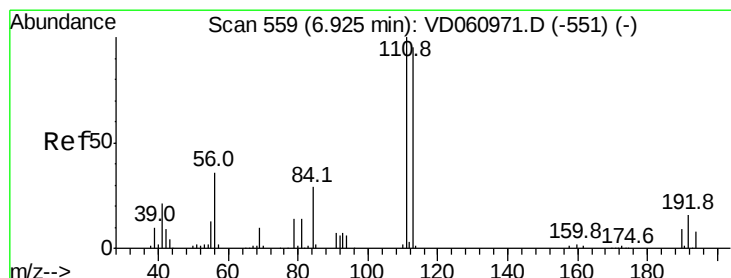
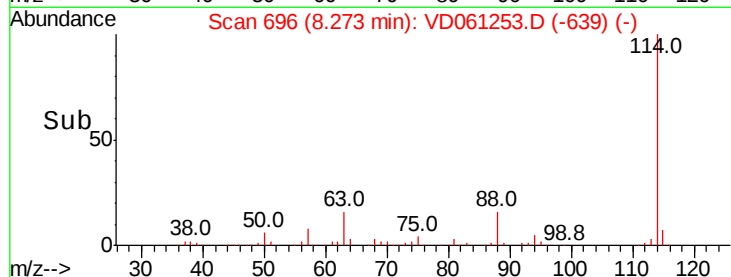
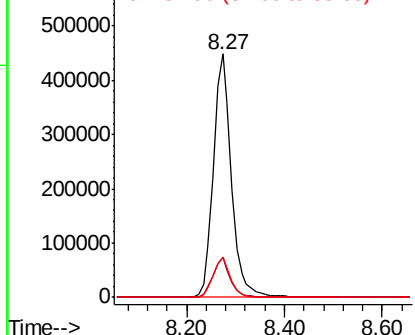
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.27 min Scan# 696
 Delta R.T. 0.06 min
 Lab File: VD061253.D
 Acq: 22 Mar 2019 11:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBL01

Tot Ion:114 Resp: 1154405
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 31.4
 88 16.3 0.0 33.0

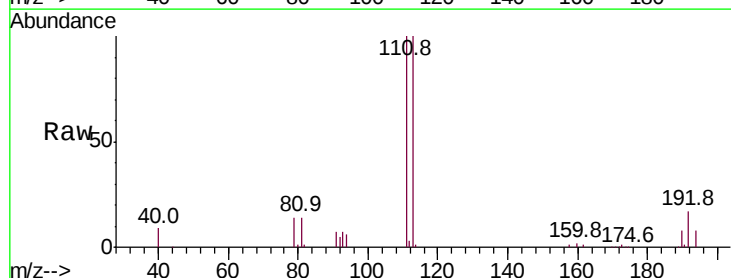


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

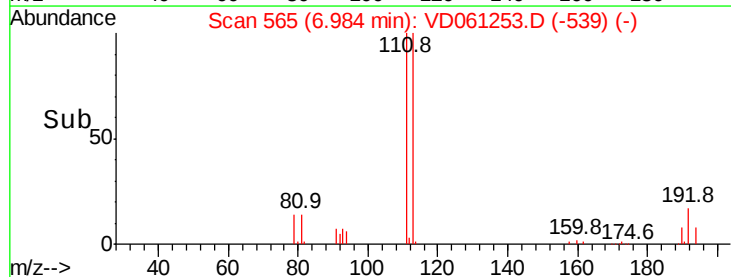
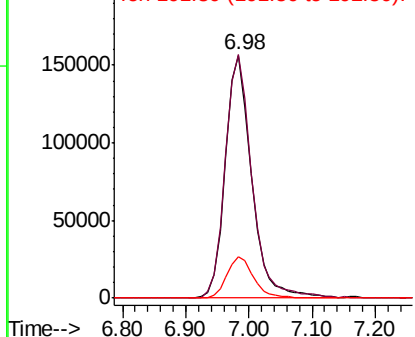


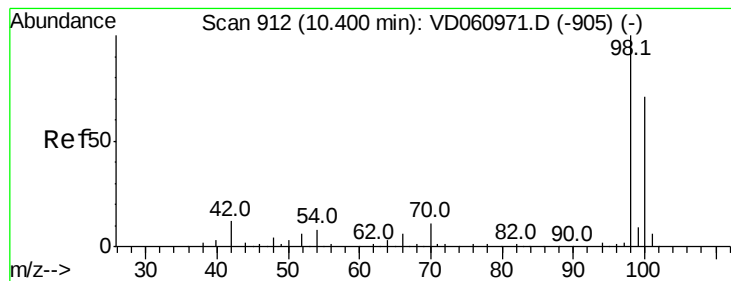
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.98 min Scan# 565
 Delta R.T. 0.06 min
 Lab File: VD061253.D
 Acq: 22 Mar 2019 11:29

Tgt Ion:113 Resp: 452985
 Ion Ratio Lower Upper
 113 100
 111 100.5 84.2 126.4
 192 17.3 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: 10.46 min Scan# 918

Delta R.T. 0.06 min

Lab File: VD061253.D

Acq: 22 Mar 2019 11:29

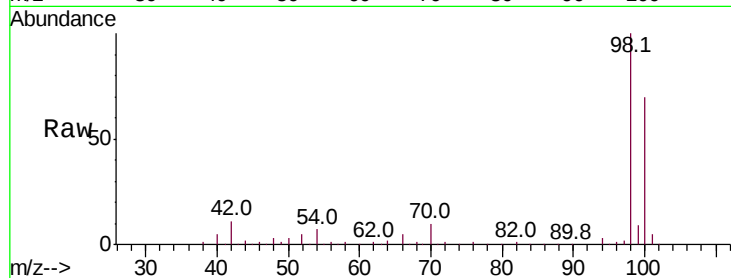
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBL01

Tot Ion: 98 Resp: 988815

Ion Ratio Lower Upper

98 100

100 70.1 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) (-)

10.46

400000

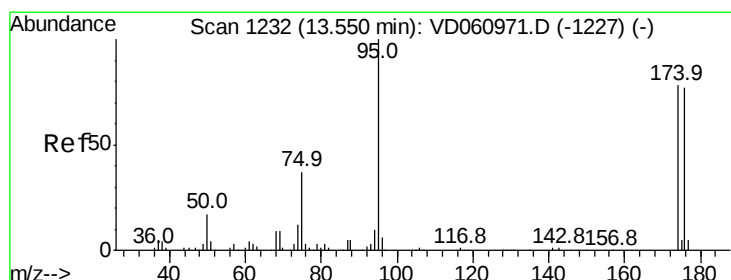
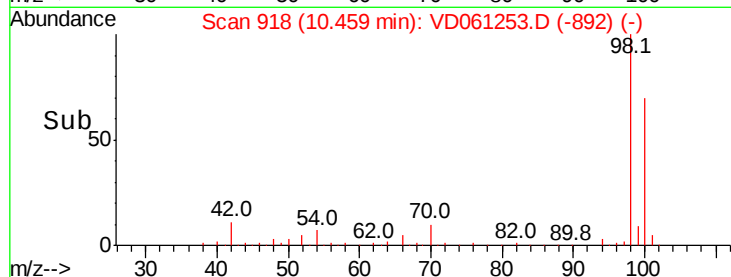
300000

200000

100000

0

Time--> 10.30 10.40 10.50 10.60



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.58 min Scan# 1235

Delta R.T. 0.03 min

Lab File: VD061253.D

Acq: 22 Mar 2019 11:29

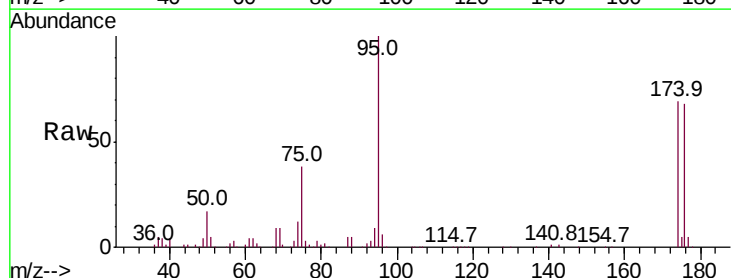
Tgt Ion: 95 Resp: 418973

Ion Ratio Lower Upper

95 100

174 68.8 0.0 155.6

176 67.7 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) (-)

13.58

400000

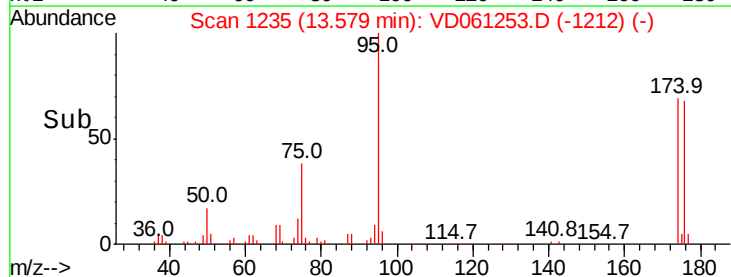
300000

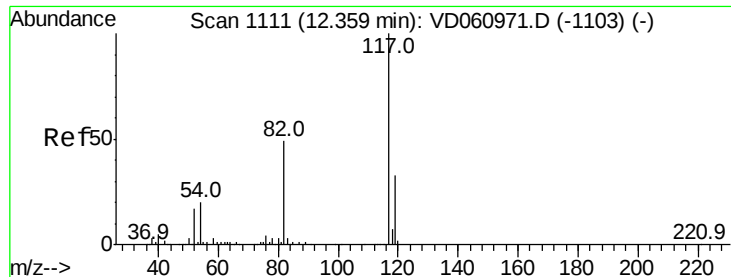
200000

100000

0

Time--> 13.50 13.60

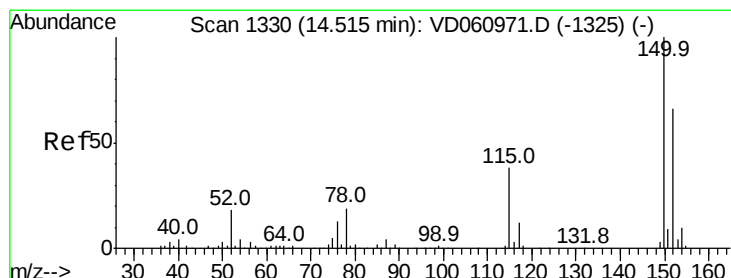
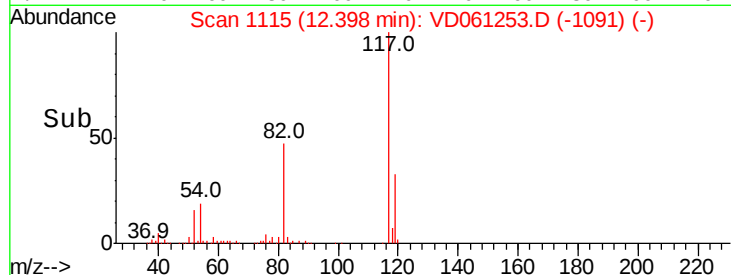
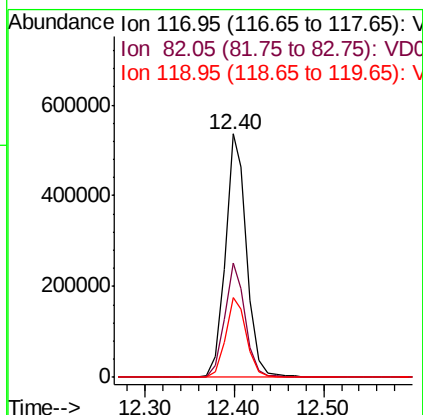
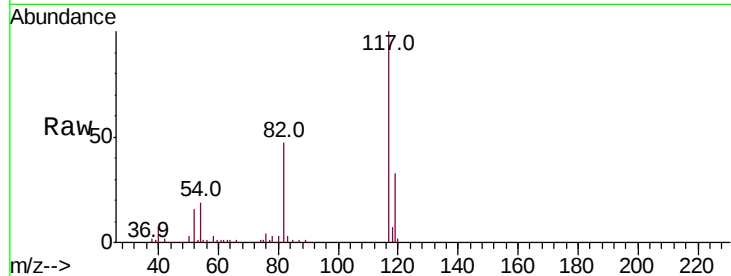




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. 0.04 min
Lab File: VD061253.D
Acq: 22 Mar 2019 11:29

Instrument :
MSVOA_D
ClientSampleId :
VD0322SBL01

Tot Ion:117 Resp: 900849
Ion Ratio Lower Upper
117 100
82 46.9 38.9 58.3
119 33.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.54 min Scan# 1333
Delta R.T. 0.03 min
Lab File: VD061253.D
Acq: 22 Mar 2019 11:29

Tgt Ion:152 Resp: 436646
Ion Ratio Lower Upper
152 100
115 55.9 28.6 85.9
150 157.0 0.0 310.6

