

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061172.D
 Acq On : 19 Mar 2019 5:29
 Operator : VA/AP
 Sample : K1928-08
 Misc : 6.73q/5ml/MSVOA D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A1-2-H3(2.5-3)

Quant Time: Mar 19 08:51:49 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	609607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	991286	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	790008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	271124	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	264014	52.03	ug/l	0.00
Spiked Amount			Recovery	=	104.06%	
35) Dibromofluoromethane	6.92	113	396229	53.86	ug/l	0.00
Spiked Amount			Recovery	=	107.72%	
50) Toluene-d8	10.39	98	873280	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
62) 4-Bromofluorobenzene	13.54	95	305612	42.63	ug/l	0.00
Spiked Amount			Recovery	=	85.26%	

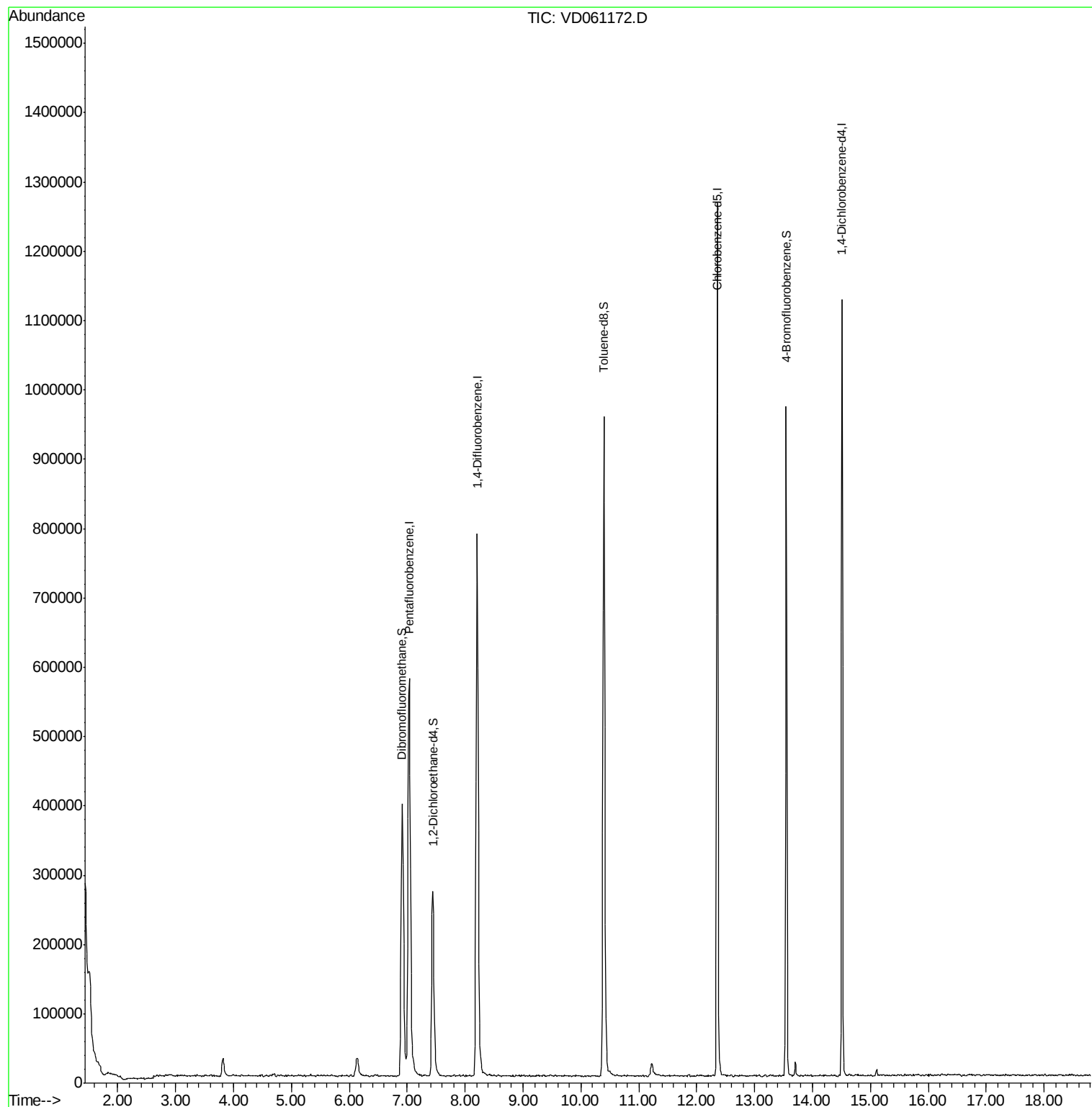
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061172.D

Acq: 19 Mar 2019 5:29

Instrument :

MSVOA_D

ClientSampleId :

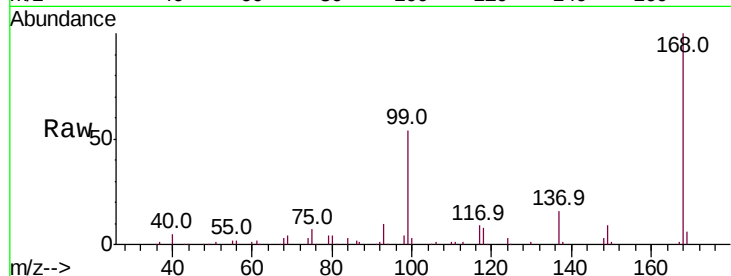
A1-2-H3(2.5-3)

Tot Ion:168 Resp: 609607

Ion Ratio Lower Upper

168 100

99 54.0 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

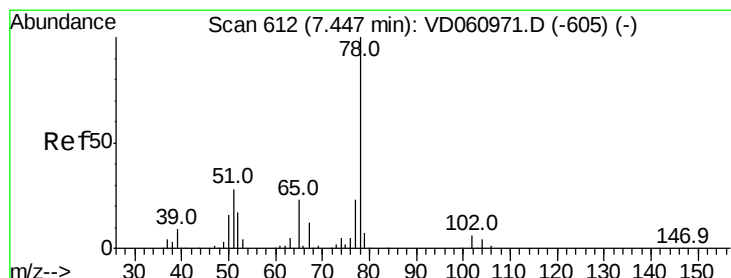
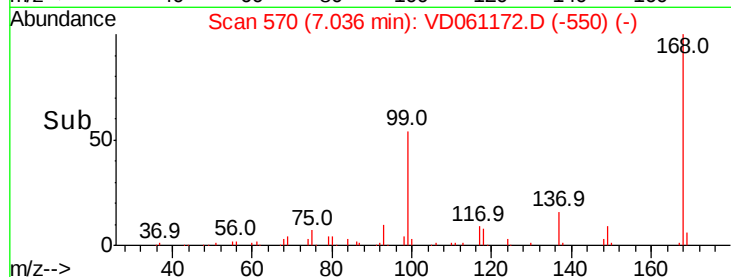
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD061172.D

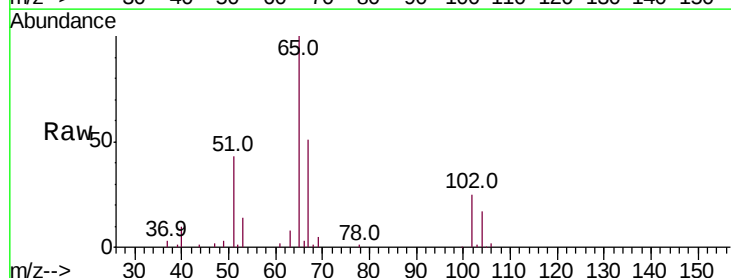
Acq: 19 Mar 2019 5:29

Tgt Ion: 65 Resp: 264014

Ion Ratio Lower Upper

65 100

67 50.5 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

100000

80000

60000

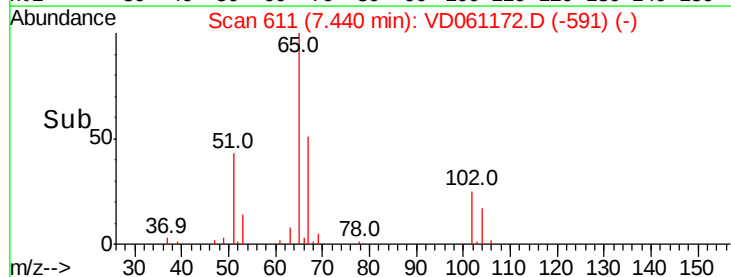
40000

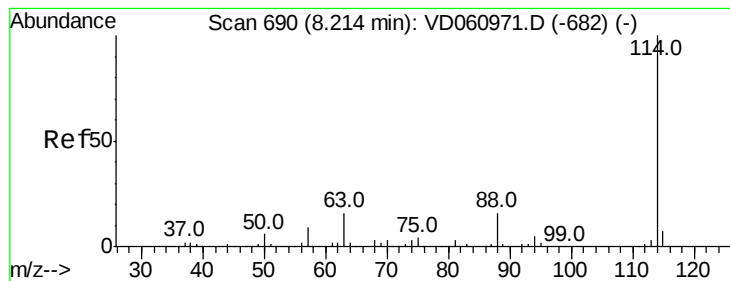
20000

0

Time-->

7.30 7.40 7.50 7.60





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD061172.D

Acq: 19 Mar 2019 5:29

Instrument :

MSVOA_D

ClientSampleId :

A1-2-H3(2.5-3)

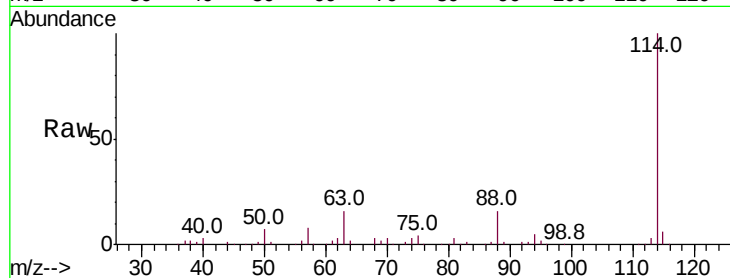
Tot Ion:114 Resp: 991286

Ion Ratio Lower Upper

114 100

63 16.1 0.0 31.4

88 16.2 0.0 33.0



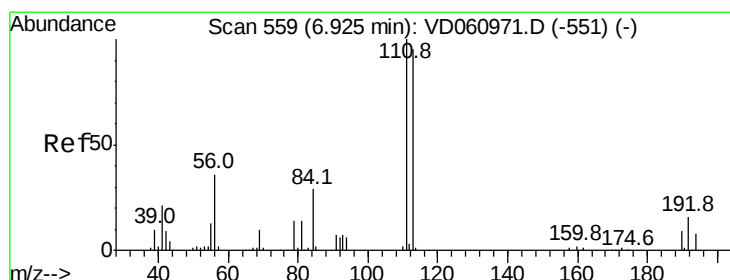
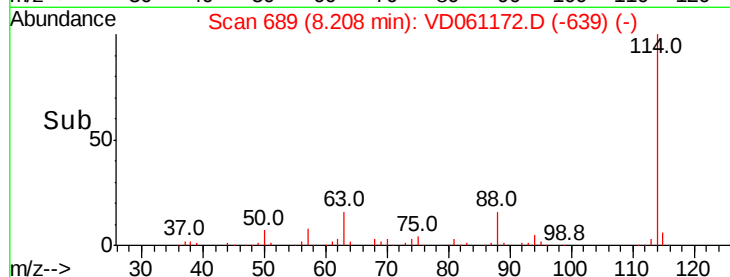
Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V

8.21

Time-->



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD061172.D

Acq: 19 Mar 2019 5:29

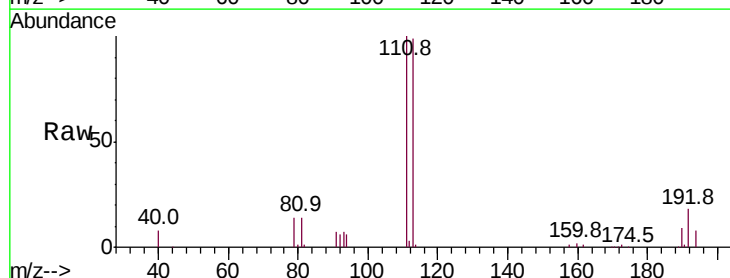
Tgt Ion:113 Resp: 396229

Ion Ratio Lower Upper

113 100

111 101.3 84.2 126.4

192 18.1 13.1 19.7



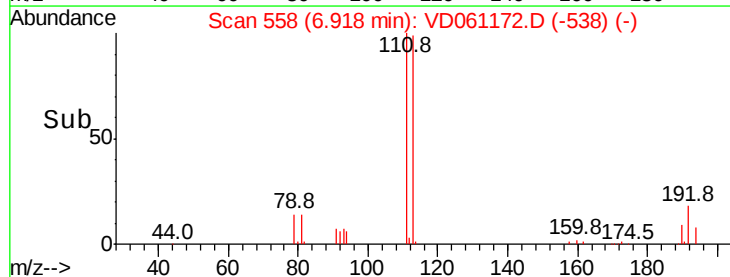
Abundance Ion 112.90 (112.60 to 113.60): V

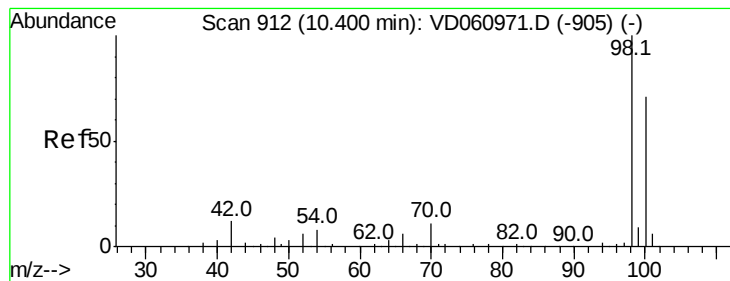
Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

6.92

Time-->





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD061172.D

Acq: 19 Mar 2019 5:29

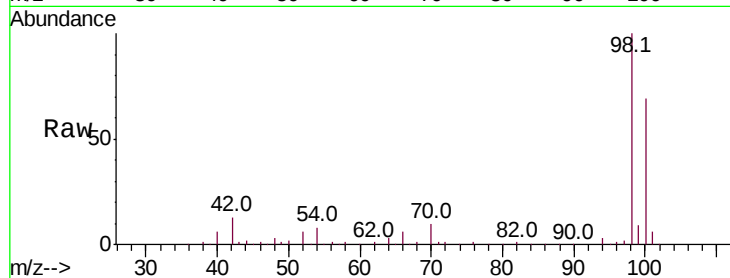
Instrument :
MSVOA_D
ClientSampleId :
A1-2-H3(2.5-3)

Tot Ion: 98 Resp: 873280

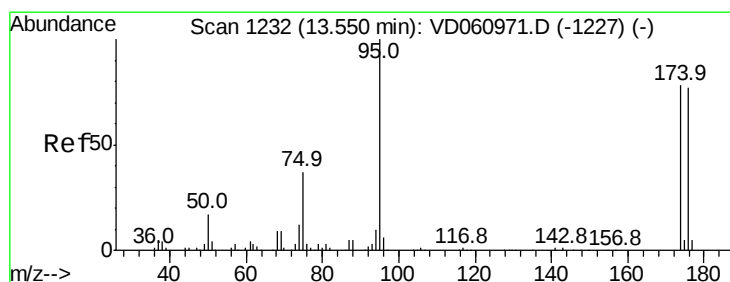
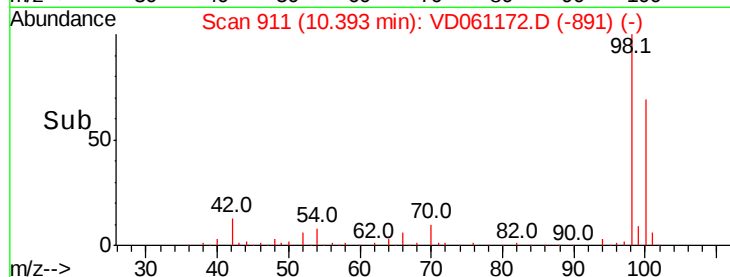
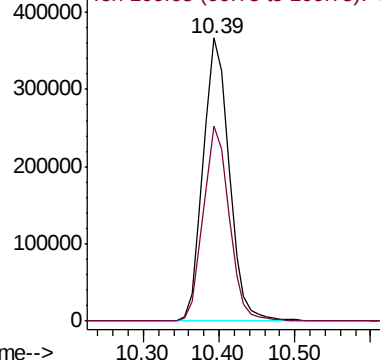
Ion Ratio Lower Upper

98 100

100 69.0 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD061172.D

Acq: 19 Mar 2019 5:29

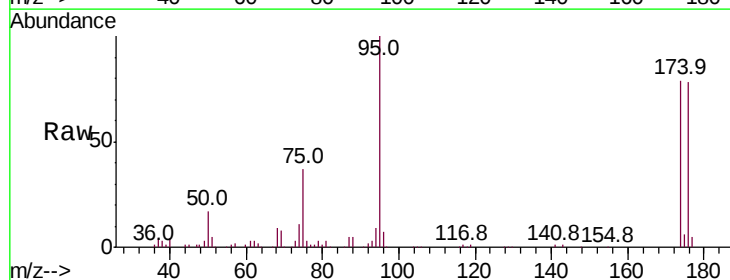
Tgt Ion: 95 Resp: 305612

Ion Ratio Lower Upper

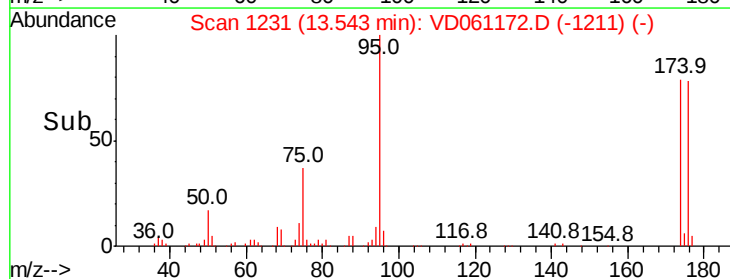
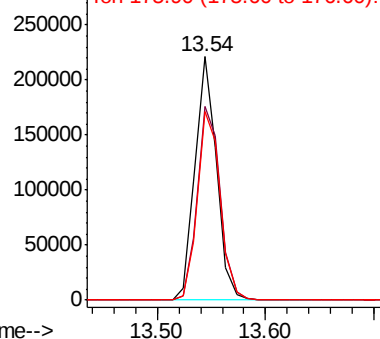
95 100

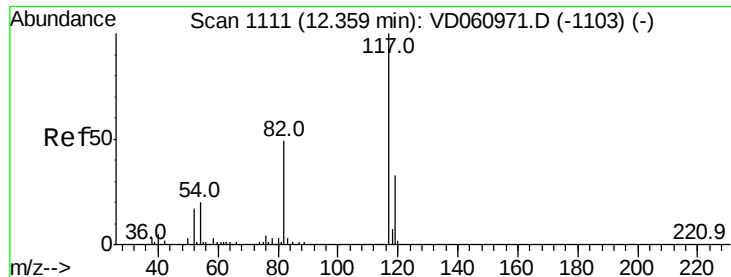
174 79.4 0.0 155.6

176 77.6 0.0 153.8



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

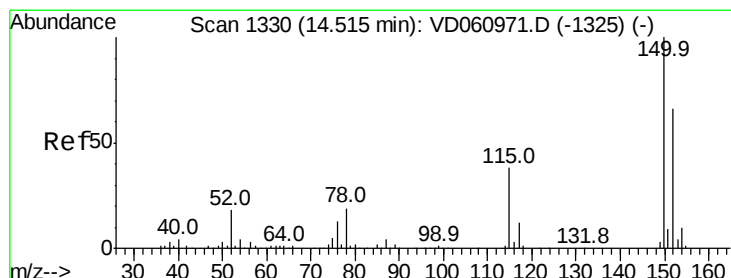
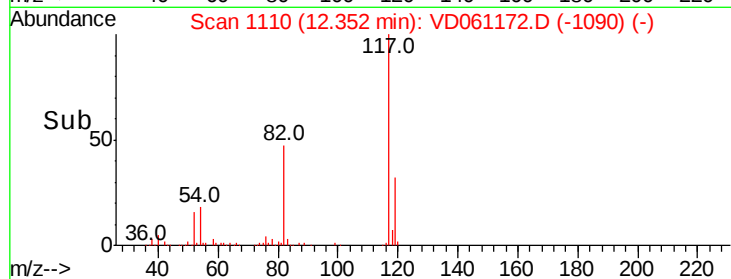
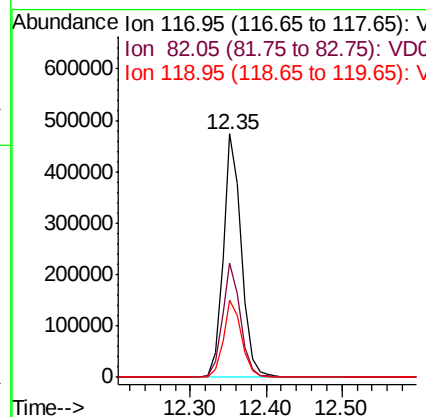
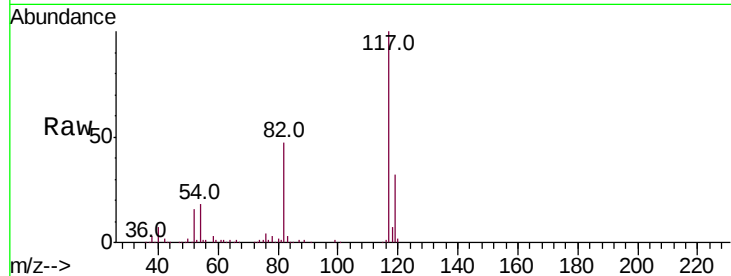




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD061172.D
Acq: 19 Mar 2019 5:29

Instrument :
MSVOA_D
ClientSampleId :
A1-2-H3(2.5-3)

Tot Ion:117 Resp: 790008
Ion Ratio Lower Upper
117 100
82 46.9 38.9 58.3
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061172.D
Acq: 19 Mar 2019 5:29

Tgt Ion:152 Resp: 271124
Ion Ratio Lower Upper
152 100
115 55.4 28.6 85.9
150 157.9 0.0 310.6

