

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032319\
 Data File : VD061283.D
 Acq On : 23 Mar 2019 16:24
 Operator : VA/AP
 Sample : K2040-11
 Misc : 7.05g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S4B(28)

Quant Time: Mar 25 05:34:11 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	6598	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	15559	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	14167	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	7041	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	4245	77.29	ug/l	0.02
Spiked Amount			Recovery	=	154.58%	
35) Dibromofluoromethane	6.93	113	4900	42.44	ug/l	0.00
Spiked Amount			Recovery	=	84.88%	
50) Toluene-d8	10.42	98	11946	41.20	ug/l	0.02
Spiked Amount			Recovery	=	82.40%	
62) 4-Bromofluorobenzene	13.56	95	6263	55.67	ug/l	0.01
Spiked Amount			Recovery	=	111.34%	

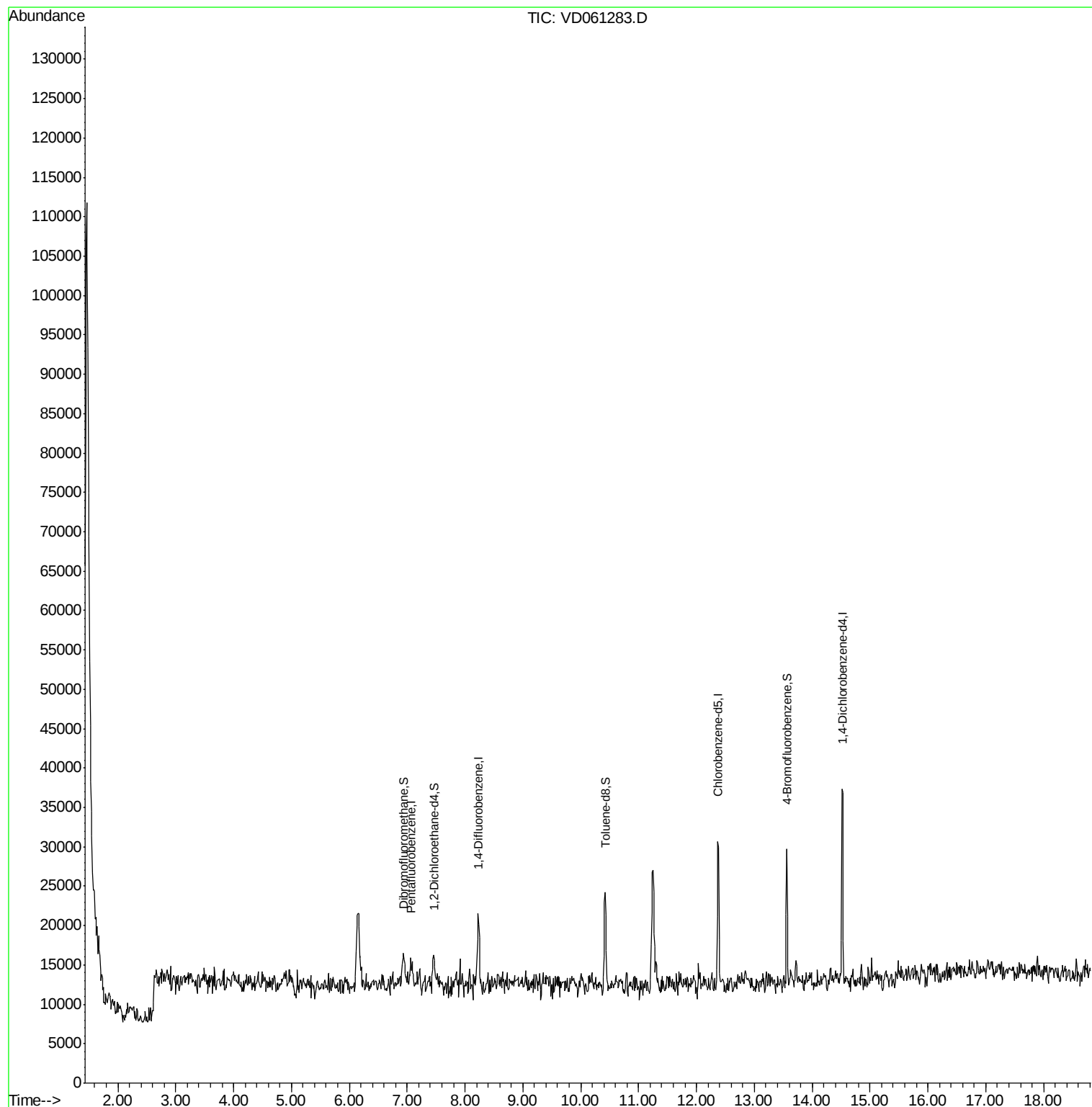
Target Compounds	Qvalue

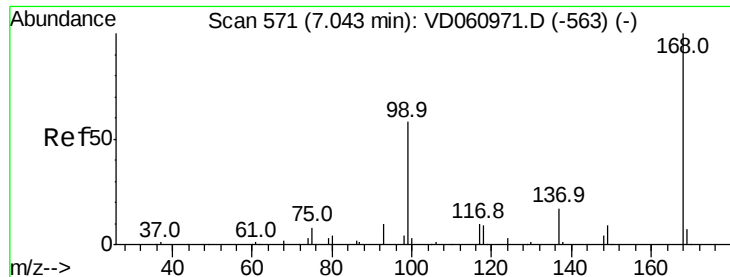
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD061283.D

Acq: 23 Mar 2019 16:24

Instrument :

MSVOA_D

ClientSampleId :

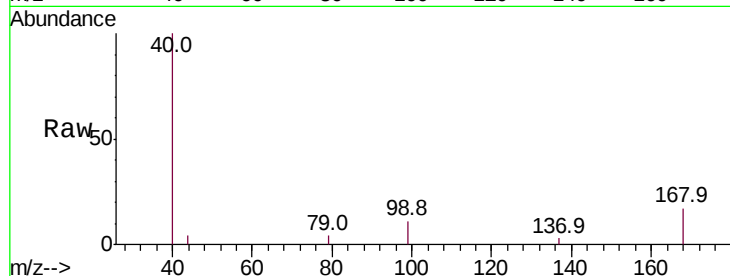
S4B(28)

Tot Ion:168 Resp: 6598

Ion Ratio Lower Upper

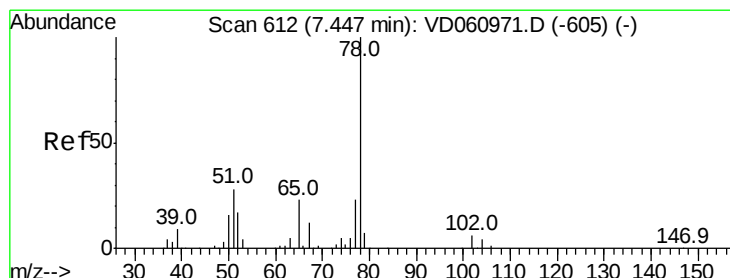
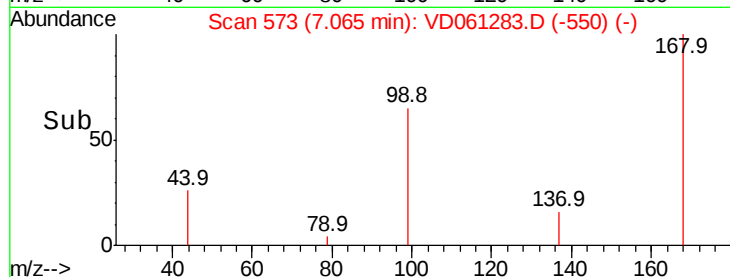
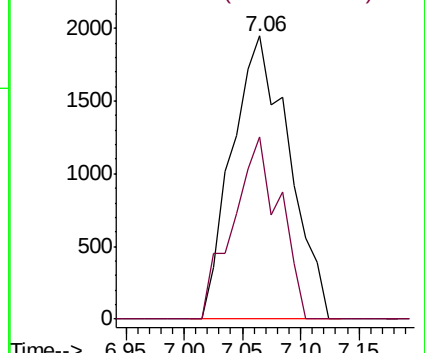
168 100

99 64.6 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: 7.47 min Scan# 614

Delta R.T. 0.02 min

Lab File: VD061283.D

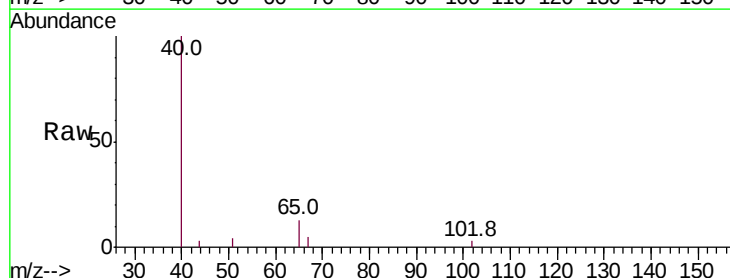
Acq: 23 Mar 2019 16:24

Tgt Ion: 65 Resp: 4245

Ion Ratio Lower Upper

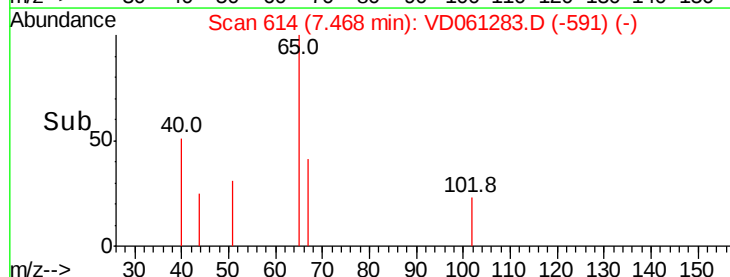
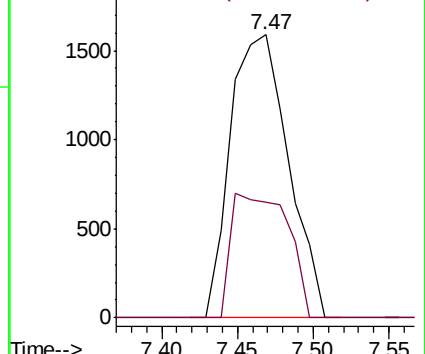
65 100

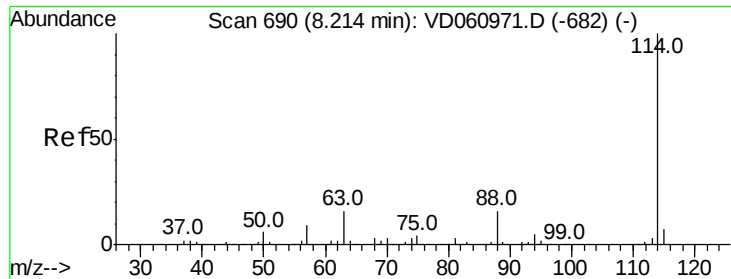
67 41.0 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

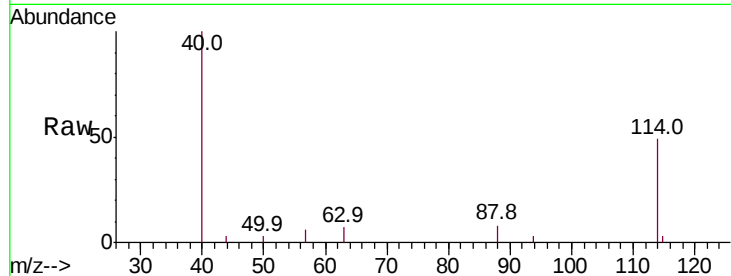




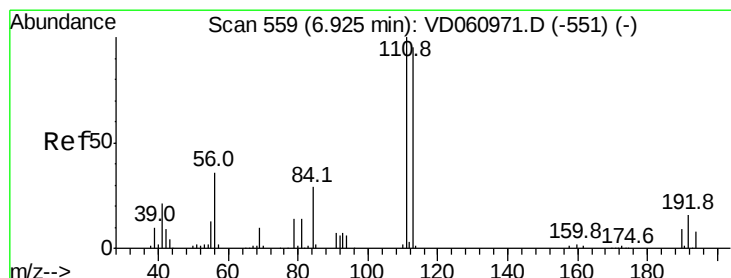
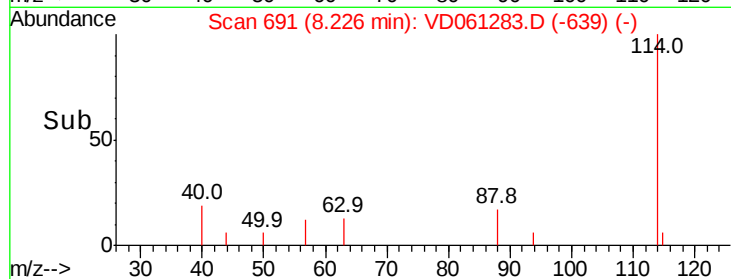
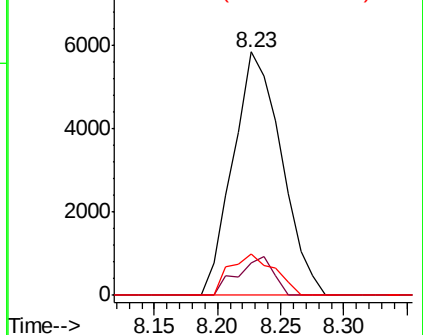
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061283.D
 Acq: 23 Mar 2019 16:24

Instrument :
 MSVOA_D
 ClientSampleId :
 S4B(28)

Tot Ion:114 Resp: 15559
 Ion Ratio Lower Upper
 114 100
 63 13.3 0.0 31.4
 88 16.9 0.0 33.0

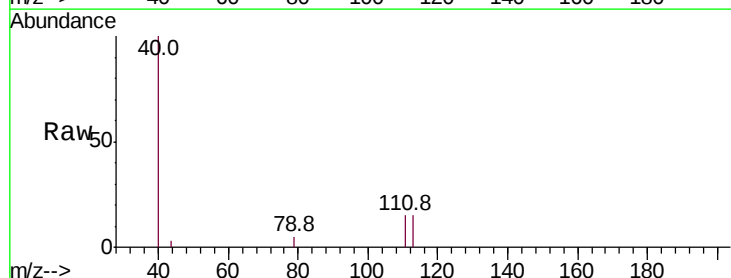


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

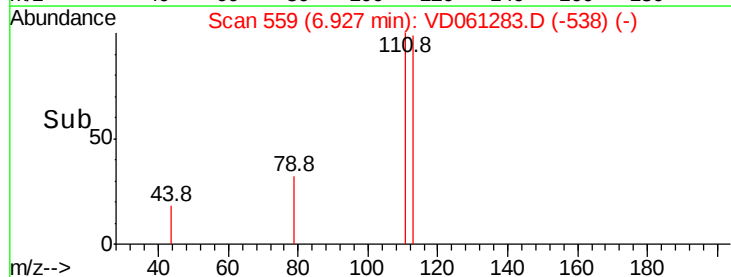
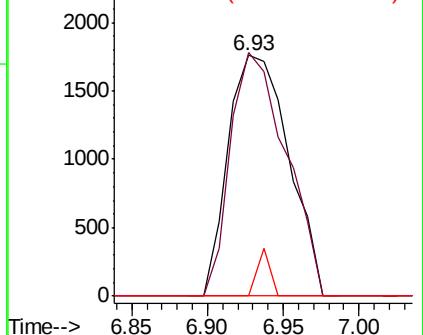


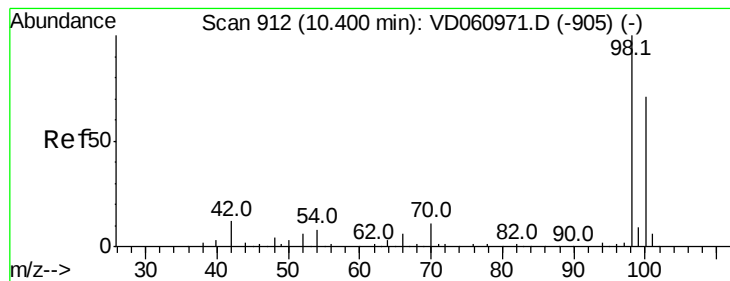
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD061283.D
 Acq: 23 Mar 2019 16:24

Tgt Ion:113 Resp: 4900
 Ion Ratio Lower Upper
 113 100
 111 101.1 84.2 126.4
 192 0.0 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: VD061283.D

Acq: 23 Mar 2019 16:24

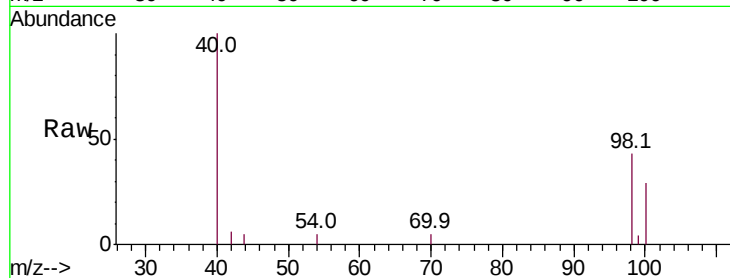
Instrument :
MSVOA_D
ClientSampleId :
S4B(28)

Tot Ion: 98 Resp: 11946

Ion Ratio Lower Upper

98 100

100 68.3 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

6000

5000

4000

3000

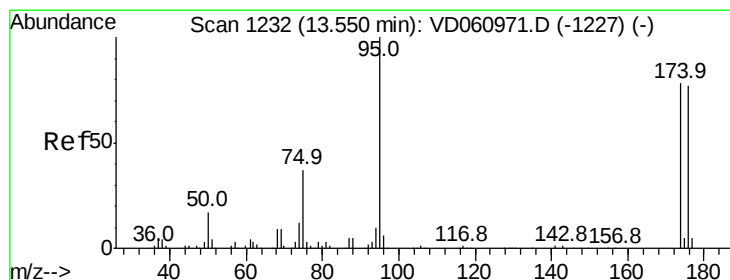
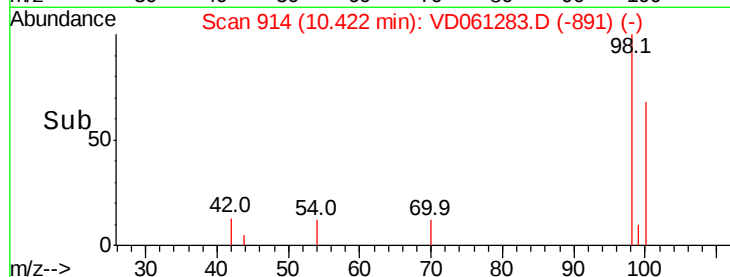
2000

1000

0

Time-->

10.35 10.40 10.45 10.50



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061283.D

Acq: 23 Mar 2019 16:24

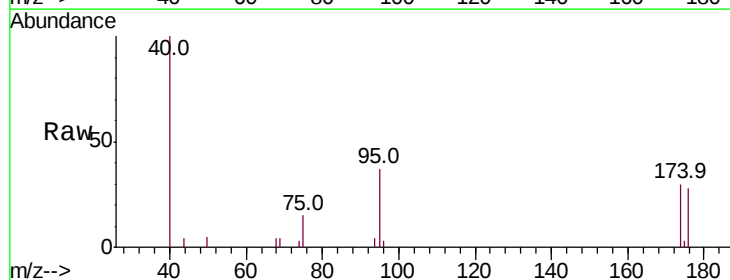
Tgt Ion: 95 Resp: 6263

Ion Ratio Lower Upper

95 100

174 81.9 0.0 155.6

176 74.8 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

6000

5000

4000

3000

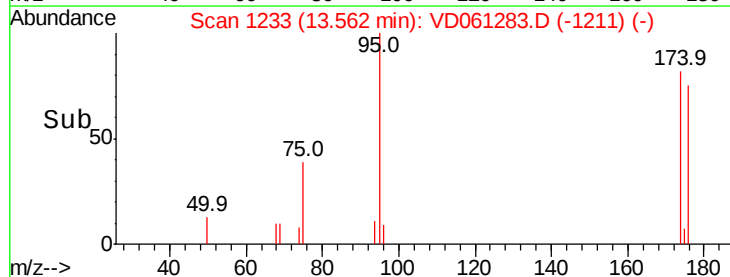
2000

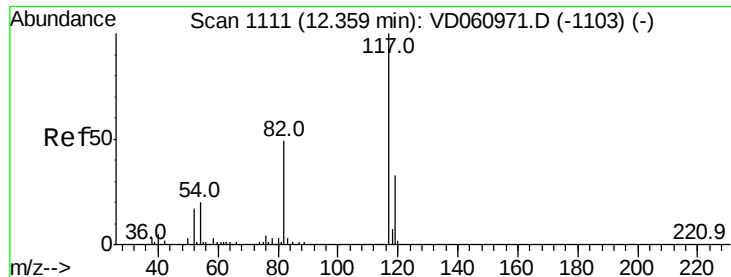
1000

0

Time-->

13.50 13.55 13.60





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD061283.D

Acq: 23 Mar 2019 16:24

Instrument :

MSVOA_D

ClientSampleId :

S4B(28)

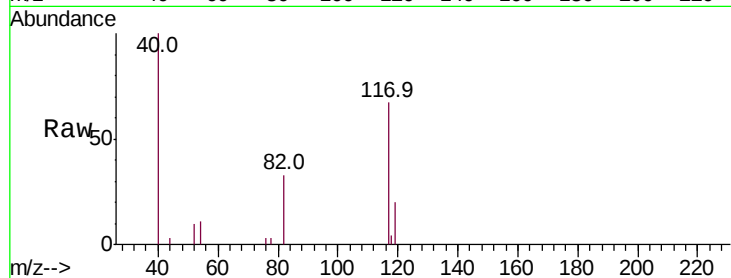
Tot Ion:117 Resp: 14167

Ion Ratio Lower Upper

117 100

82 49.3 38.9 58.3

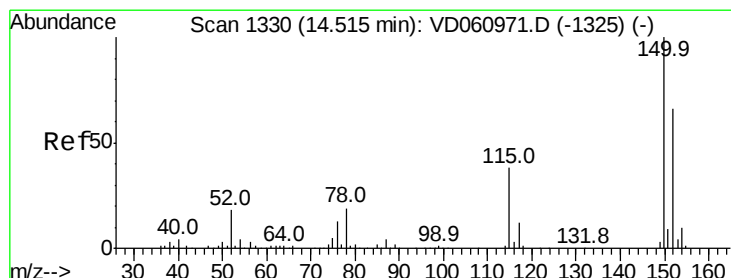
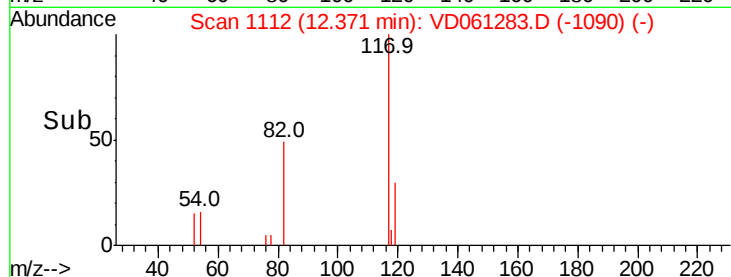
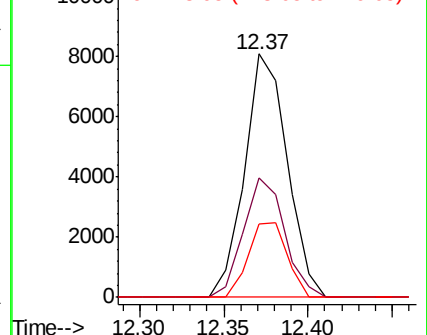
119 29.9 26.6 39.8



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: 50.000 ug/l

RT: 14.53 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD061283.D

Acq: 23 Mar 2019 16:24

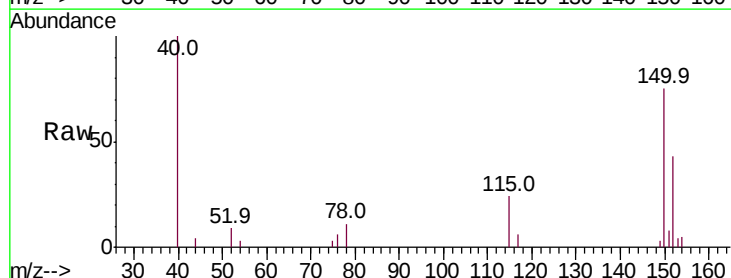
Tgt Ion:152 Resp: 7041

Ion Ratio Lower Upper

152 100

115 56.1 28.6 85.9

150 174.8 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

