

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031419\
 Data File : VD061059.D
 Acq On : 14 Mar 2019 12:28
 Operator : VA/AP
 Sample : VD0314SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0314SBL01

Quant Time: Mar 15 02:36:24 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	764550	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	1210125	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1014937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	458916	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	276651	43.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.94%	
35) Dibromofluoromethane	6.93	113	470198	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
50) Toluene-d8	10.41	98	1098832	48.72	ug/l	0.02
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	13.56	95	440450	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	

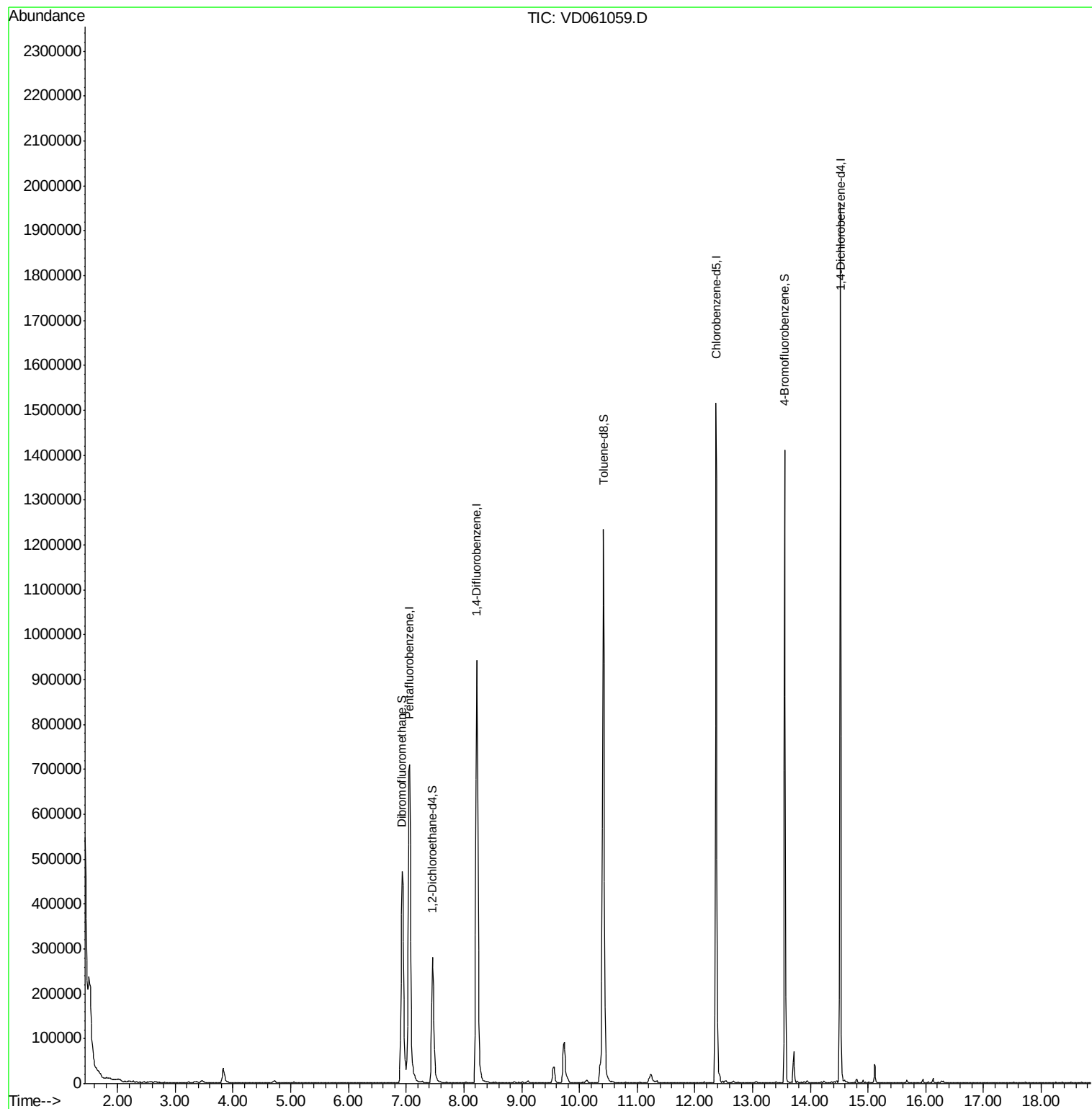
Target Compounds	Qvalue

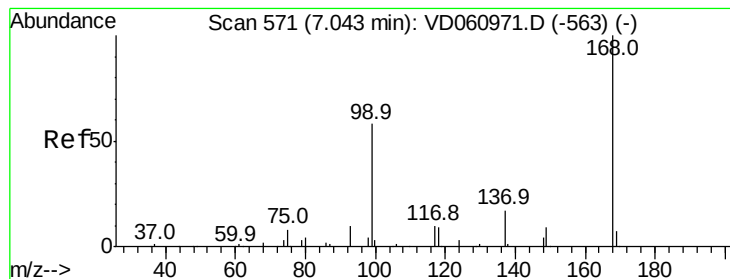
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 572

Delta R.T. 0.02 min

Lab File: VD061059.D

Acq: 14 Mar 2019 12:28

Instrument :

MSVOA_D

ClientSampleId :

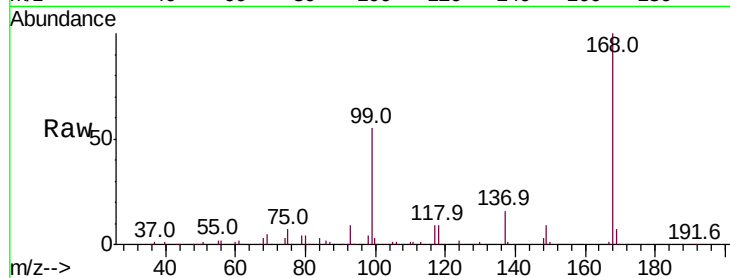
VD0314SBL01

Tot Ion:168 Resp: 764550

Ion Ratio Lower Upper

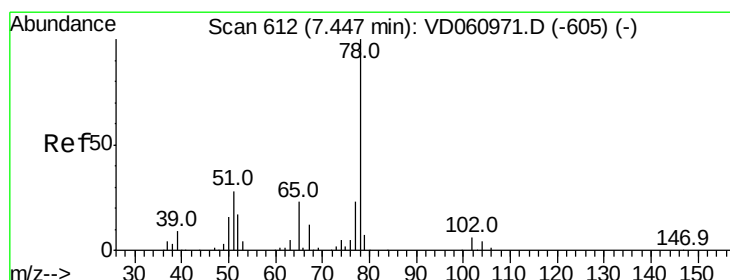
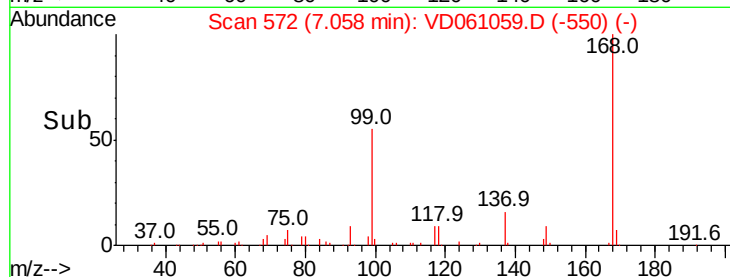
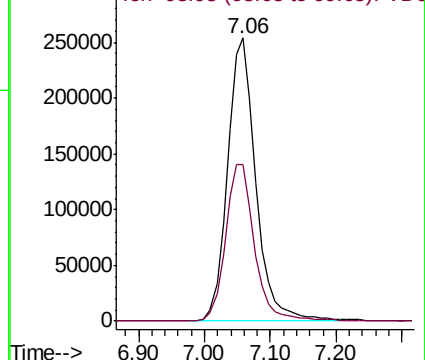
168 100

99 55.4 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: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD061059.D

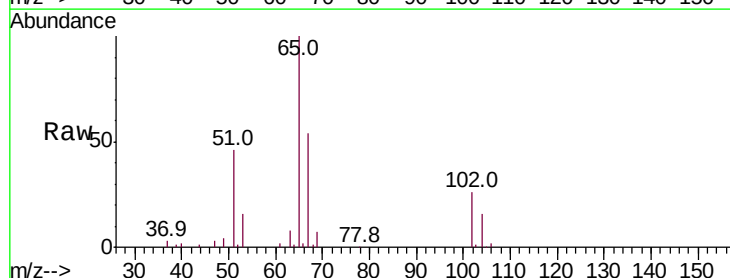
Acq: 14 Mar 2019 12:28

Tgt Ion: 65 Resp: 276651

Ion Ratio Lower Upper

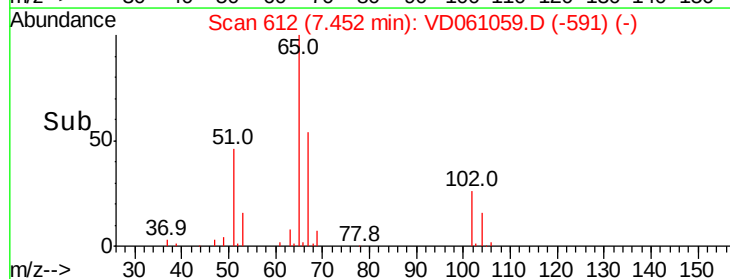
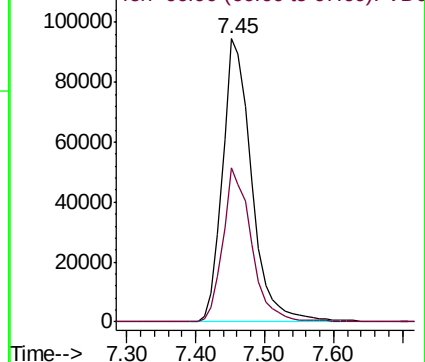
65 100

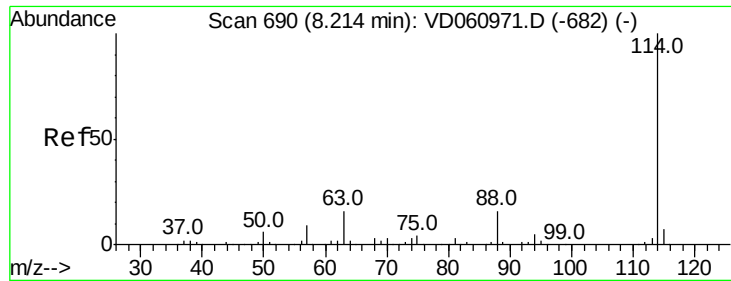
67 54.4 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

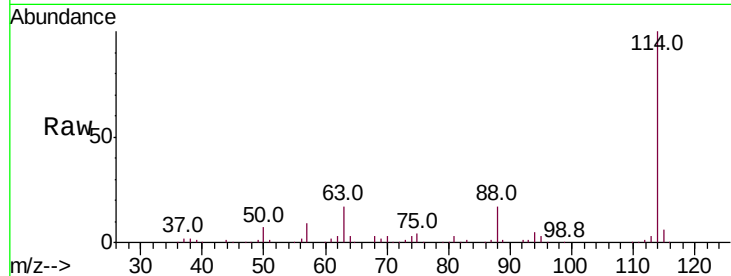




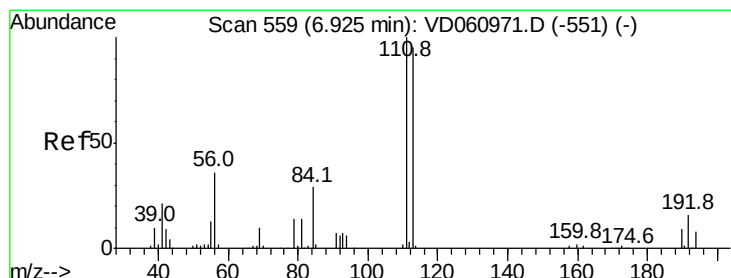
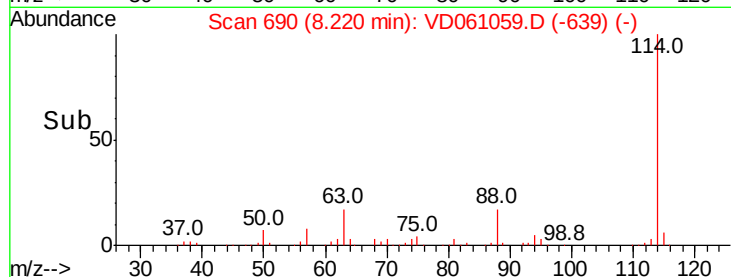
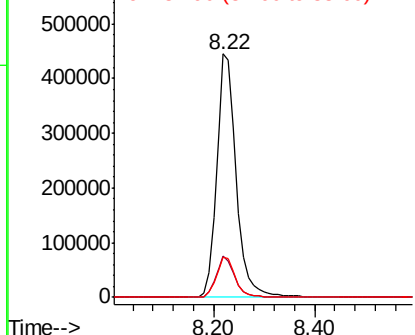
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. 0.01 min
Lab File: VD061059.D
Acq: 14 Mar 2019 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0314SBL01

Tot Ion:114 Resp: 1210125
Ion Ratio Lower Upper
114 100
63 16.8 0.0 31.4
88 16.6 0.0 33.0

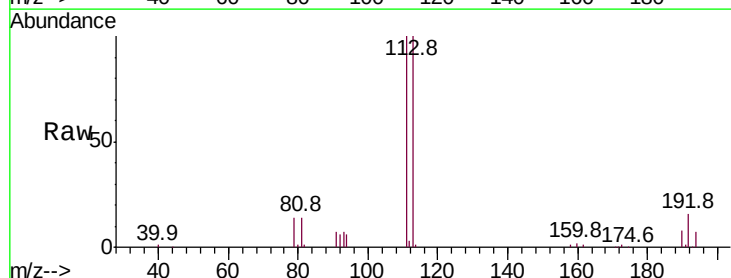


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

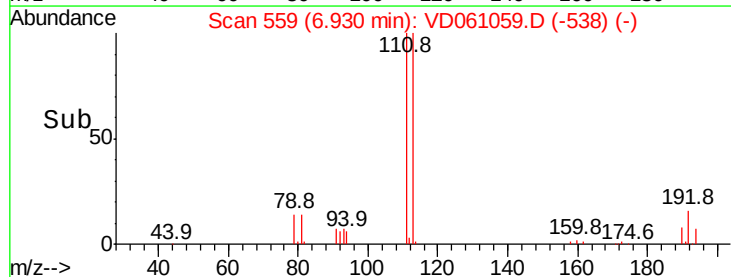
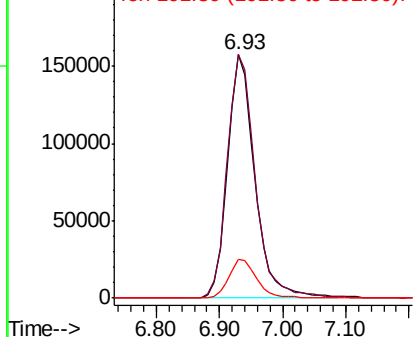


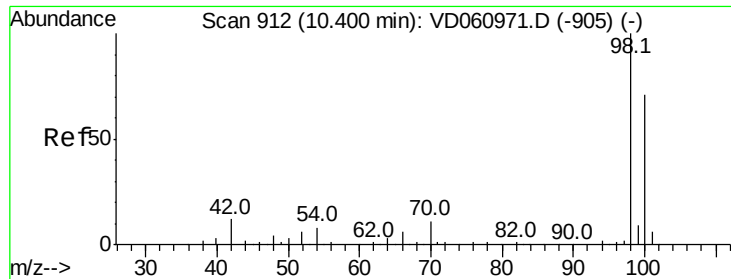
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.93 min Scan# 559
Delta R.T. 0.01 min
Lab File: VD061059.D
Acq: 14 Mar 2019 12:28

Tgt Ion:113 Resp: 470198
Ion Ratio Lower Upper
113 100
111 100.1 84.2 126.4
192 15.9 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: 10.41 min Scan# 913

Delta R.T. 0.02 min

Lab File: VD061059.D

Acq: 14 Mar 2019 12:28

Instrument :

MSVOA_D

ClientSampleId :

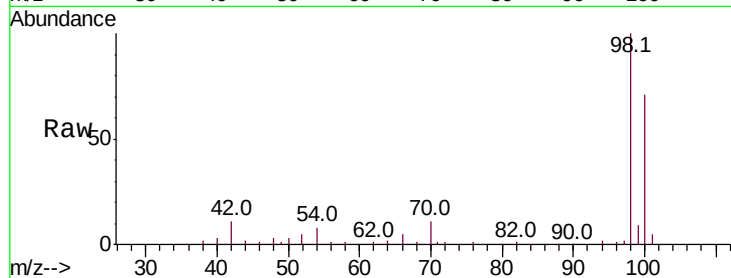
VD0314SBL01

Tot Ion: 98 Resp: 1098832

Ion Ratio Lower Upper

98 100

100 70.7 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

500000

400000

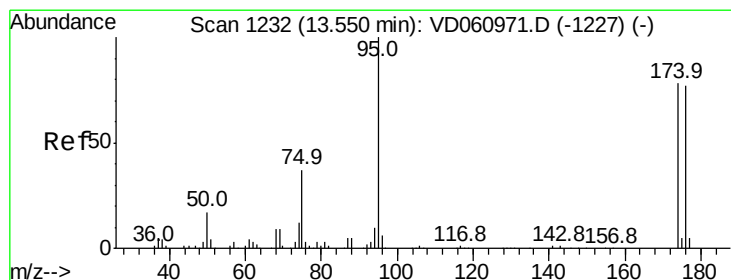
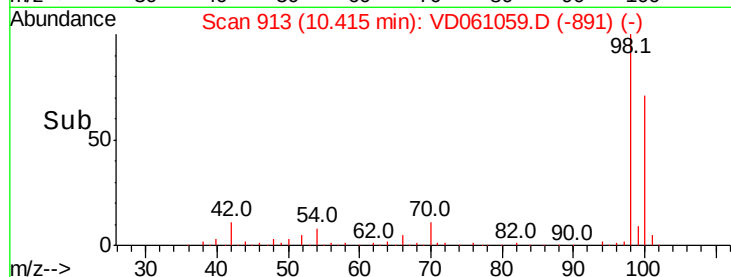
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD061059.D

Acq: 14 Mar 2019 12:28

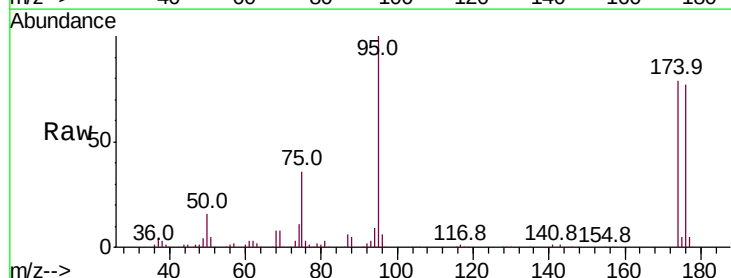
Tgt Ion: 95 Resp: 440450

Ion Ratio Lower Upper

95 100

174 78.8 0.0 155.6

176 76.9 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

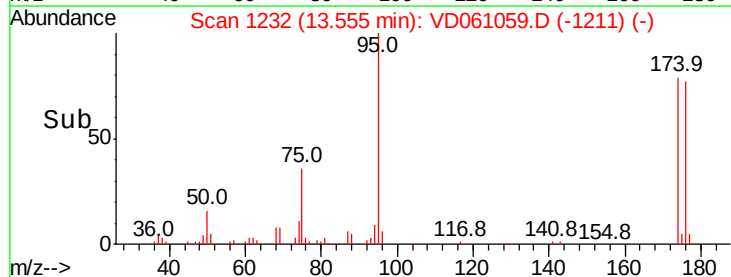
300000

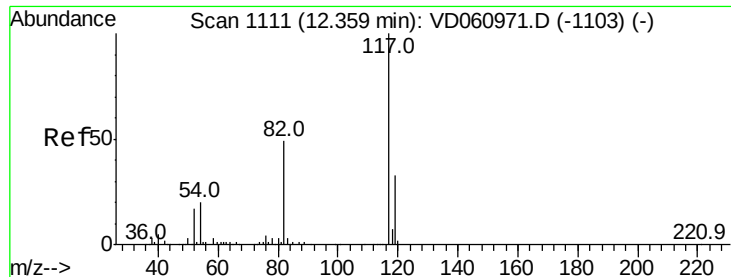
200000

100000

0

Time-->

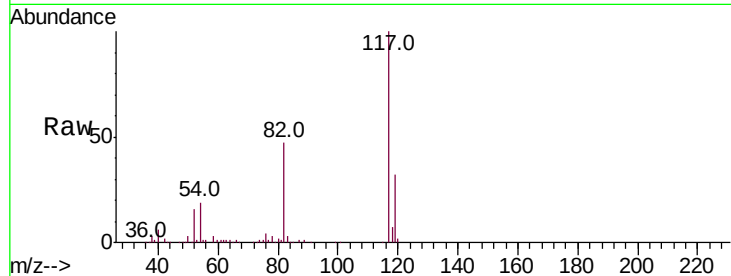




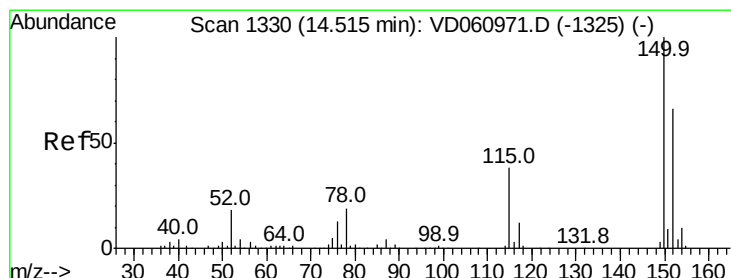
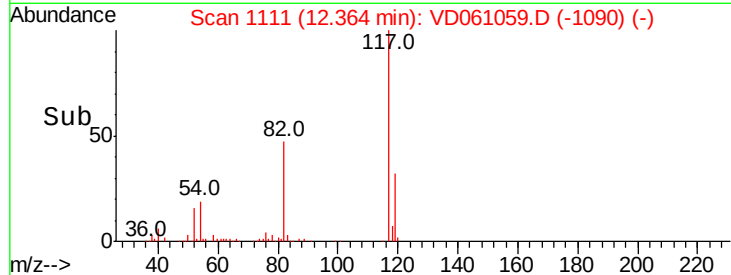
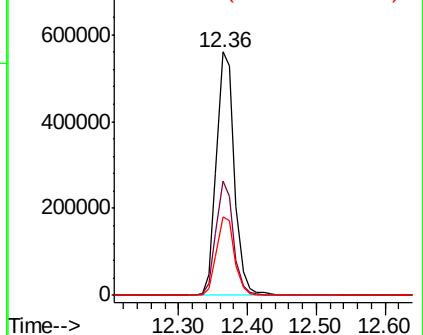
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061059.D
Acq: 14 Mar 2019 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0314SBL01

Tot Ion:117 Resp: 1014937
Ion Ratio Lower Upper
117 100
82 47.1 38.9 58.3
119 32.3 26.6 39.8

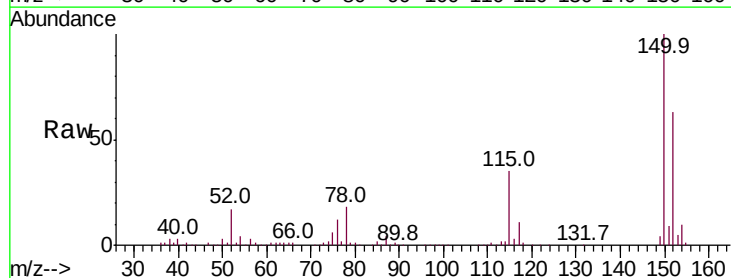


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061059.D
Acq: 14 Mar 2019 12:28

Tgt Ion:152 Resp: 458916
Ion Ratio Lower Upper
152 100
115 55.7 28.6 85.9
150 157.5 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

