

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030519\
 Data File : VD060954.D
 Acq On : 5 Mar 2019 17:45
 Operator : VA/AP
 Sample : K1714-17
 Misc : 5.63g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-D-2-5

Quant Time: Mar 06 04:44:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 01:28:28 2019
 Response via : Initial Calibration

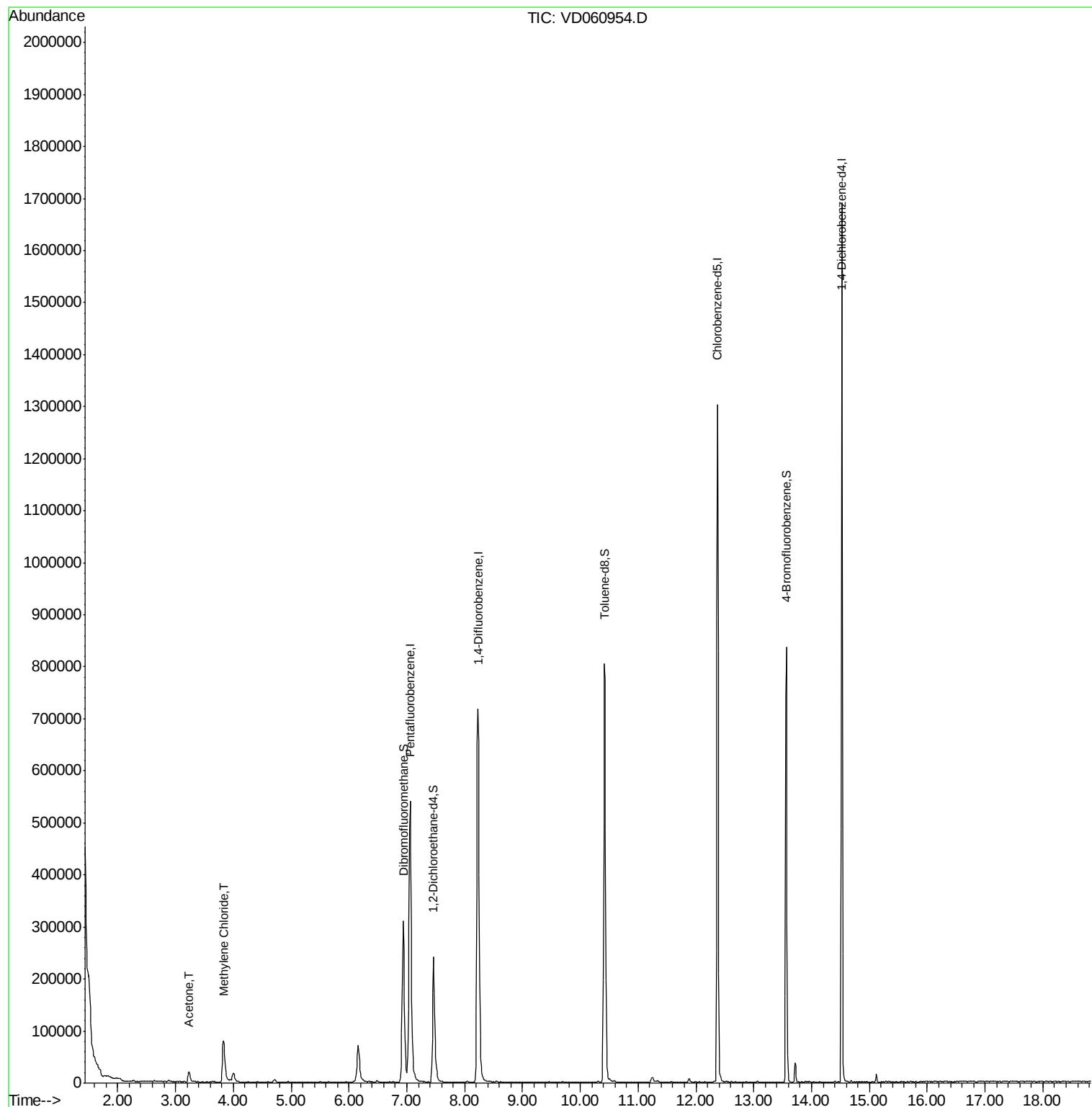
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	551607	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	947382	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	779679	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	394714	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	213236	46.76	ug/l	0.02
Spiked Amount 50.000			Recovery	=	93.52%	
35) Dibromofluoromethane	6.94	113	298745	39.33	ug/l	0.03
Spiked Amount 50.000			Recovery	=	78.66%	
50) Toluene-d8	10.41	98	712121	37.68	ug/l	0.02
Spiked Amount 50.000			Recovery	=	75.36%	
62) 4-Bromofluorobenzene	13.56	95	287996	40.32	ug/l	0.02
Spiked Amount 50.000			Recovery	=	80.64%	
Target Compounds						
16) Acetone	3.23	43	39657	26.046	ug/l #	87
20) Methylene Chloride	3.83	84	63240	5.521	ug/l	92

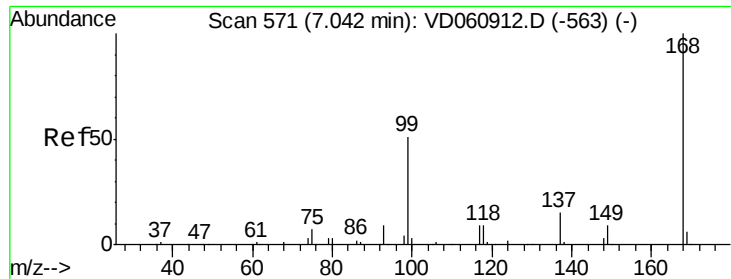
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 02 01:28:28 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD060954.D

Acq: 5 Mar 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

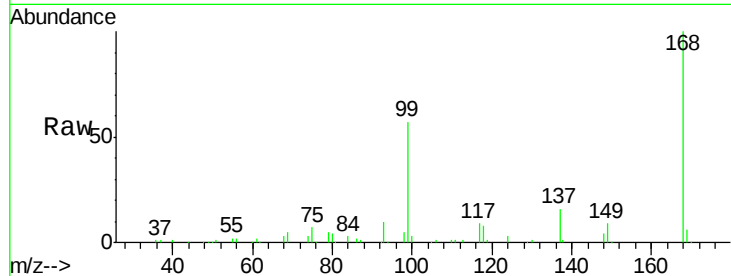
SB-D-2-5

Tot Ion:168 Resp: 551607

Ion Ratio Lower Upper

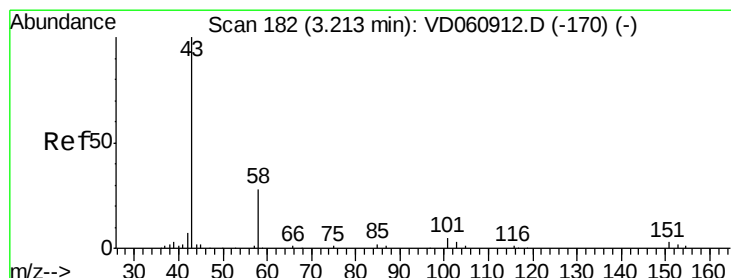
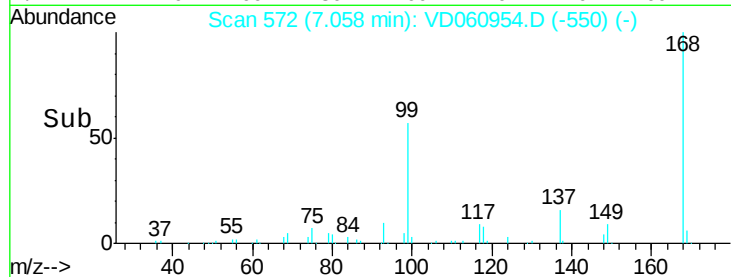
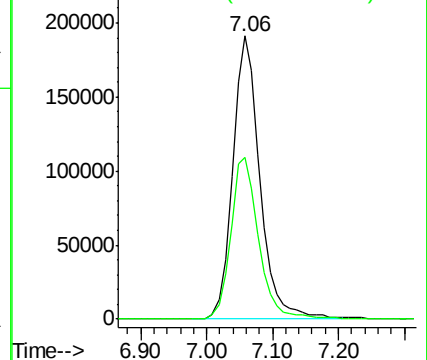
168 100

99 57.3 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 26.046 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.02 min

Lab File: VD060954.D

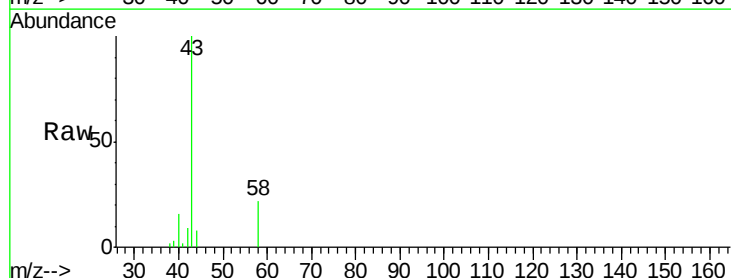
Acq: 5 Mar 2019 17:45

Tgt Ion: 43 Resp: 39657

Ion Ratio Lower Upper

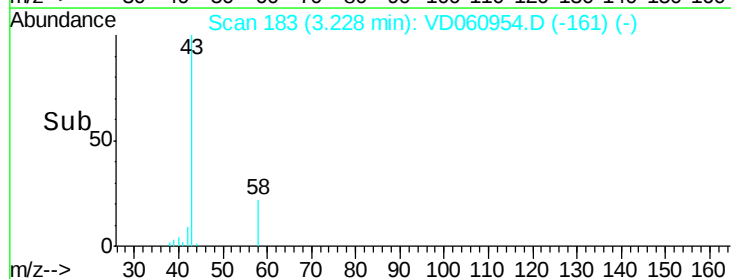
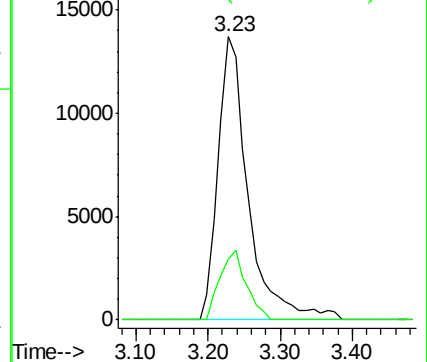
43 100

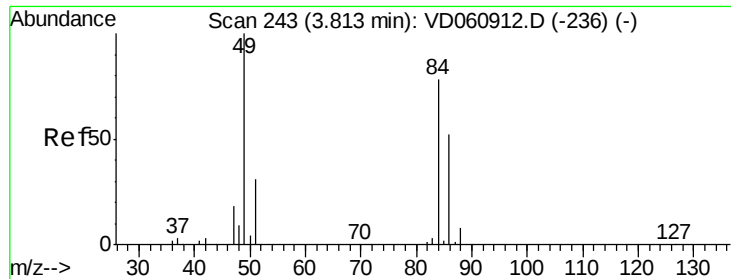
58 21.7 22.8 34.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

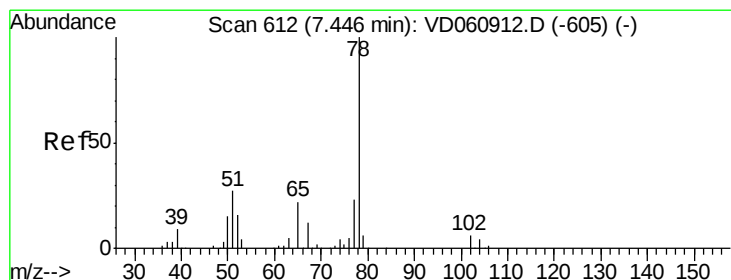
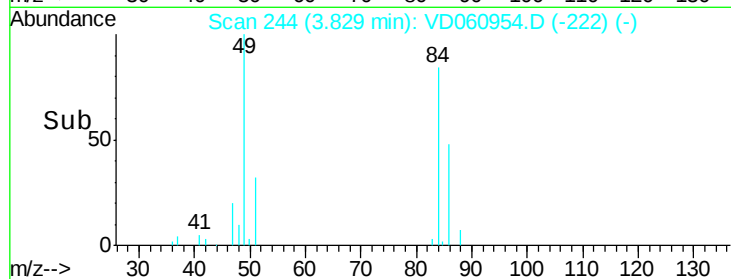
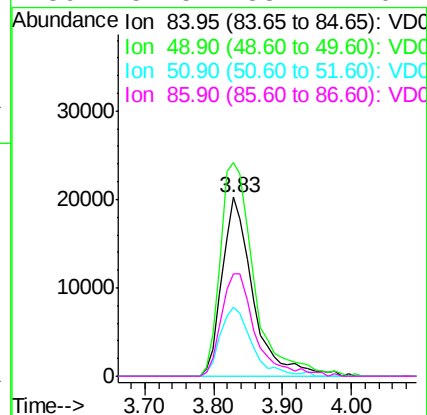
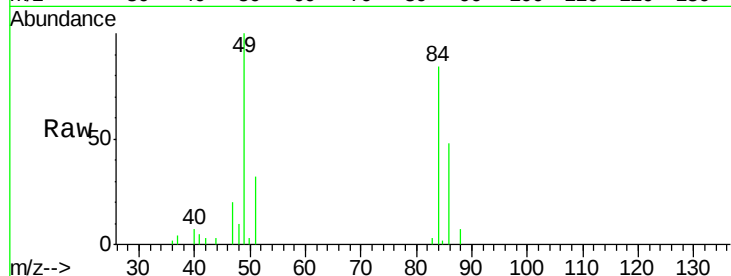




#20
Methylene Chloride
Concen: 5.521 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD060954.D
Acq: 5 Mar 2019 17:45

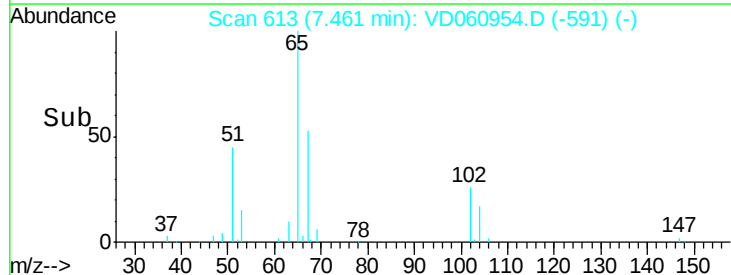
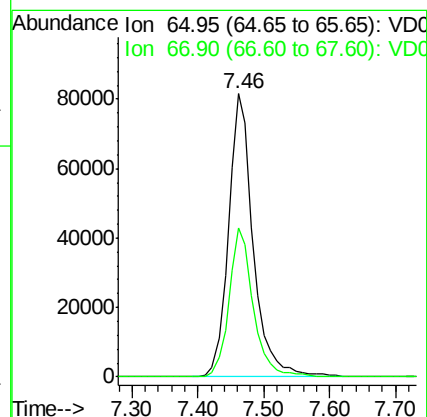
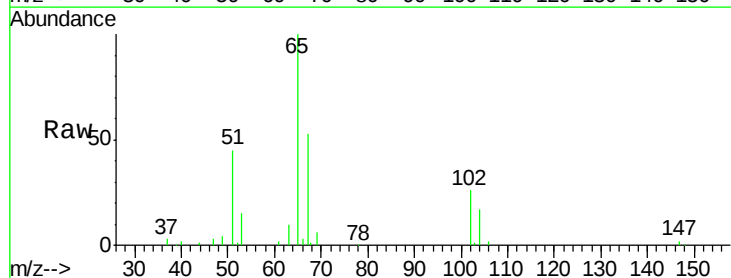
Instrument :
MSVOA_D
ClientSampleId :
SB-D-2-5

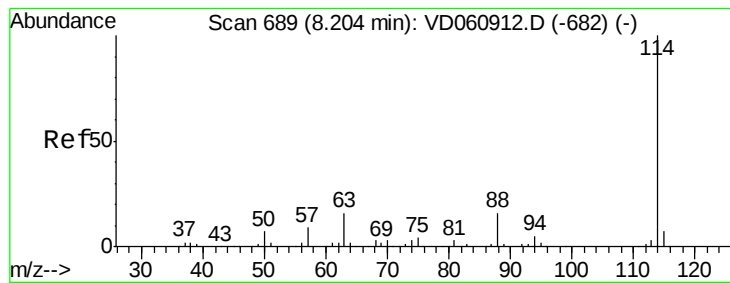
Tot Ion: 84 Resp: 63240
Ion Ratio Lower Upper
84 100
49 119.4 102.4 153.6
51 38.8 31.9 47.9
86 57.5 53.1 79.7



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.02 min
Lab File: VD060954.D
Acq: 5 Mar 2019 17:45

Tgt Ion: 65 Resp: 213236
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.03 min

Lab File: VD060954.D

Acq: 5 Mar 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

SB-D-2-5

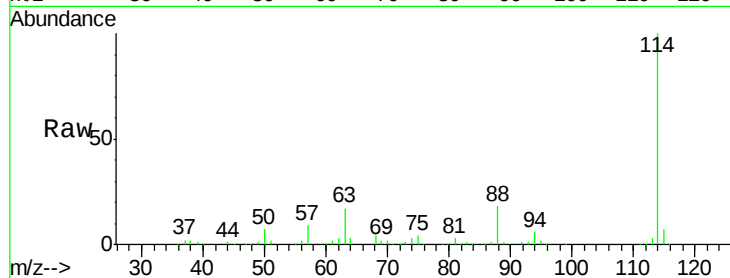
Tot Ion:114 Resp: 947382

Ion Ratio Lower Upper

114 100

63 17.2 0.0 32.0

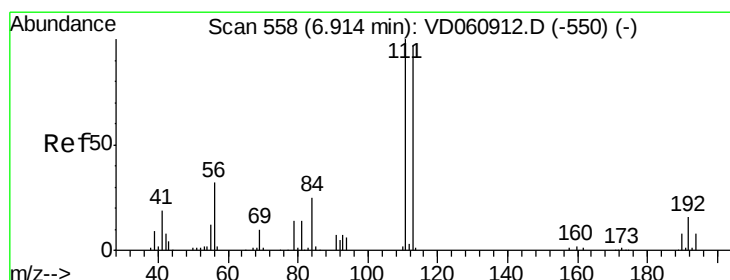
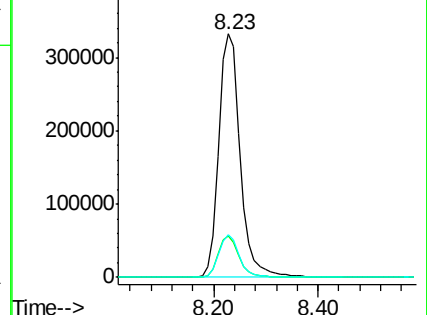
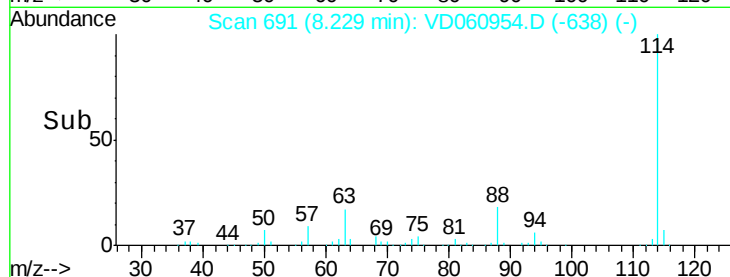
88 17.6 0.0 32.8



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# 560

Delta R.T. 0.03 min

Lab File: VD060954.D

Acq: 5 Mar 2019 17:45

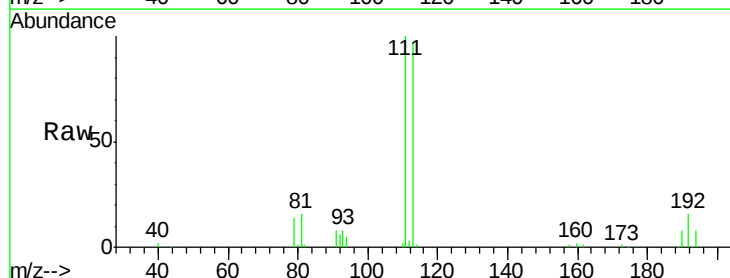
Tgt Ion:113 Resp: 298745

Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

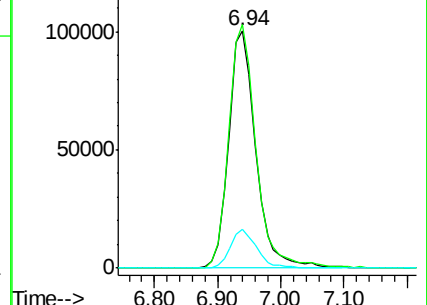
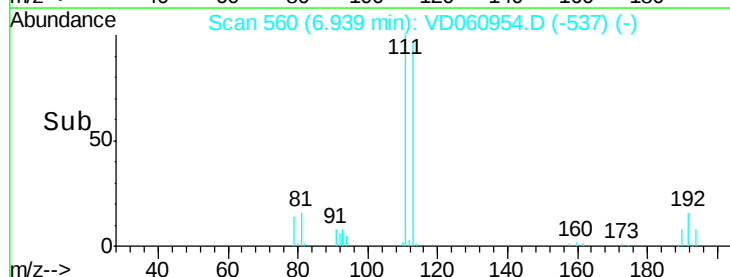
192 16.4 13.4 20.2

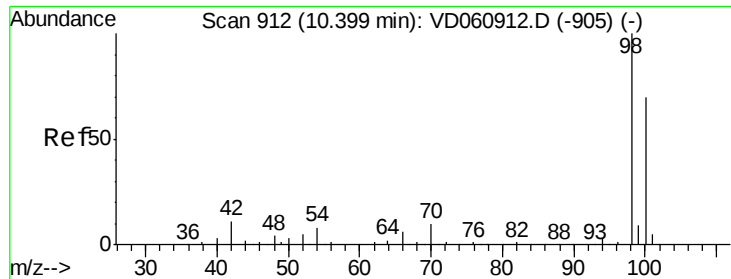


Abundance Ion 112.90 (112.60 to 113.60): V

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: VD060954.D

Acq: 5 Mar 2019 17:45

Instrument :

MSVOA_D

ClientSampleId :

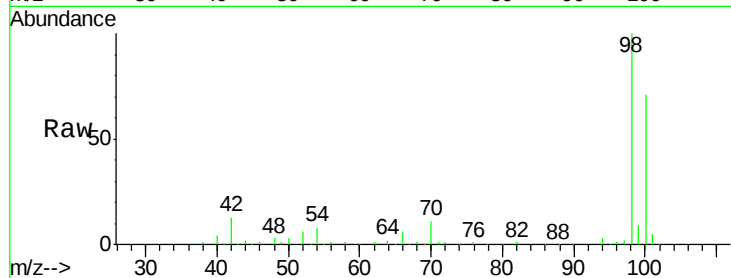
SB-D-2-5

Tot Ion: 98 Resp: 712121

Ion Ratio Lower Upper

98 100

100 70.8 57.0 85.4



Abundance Ion 98.05 (97.75 to 98.75): VD060912.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060912.D (-905) (-)

10.41

300000

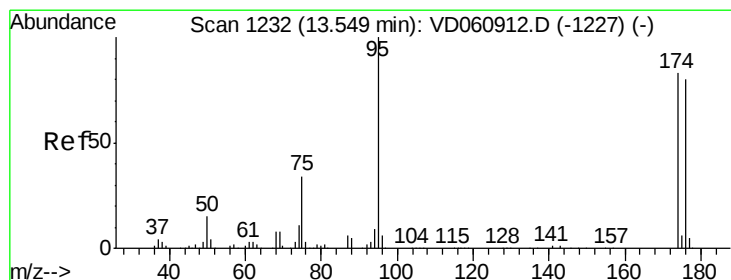
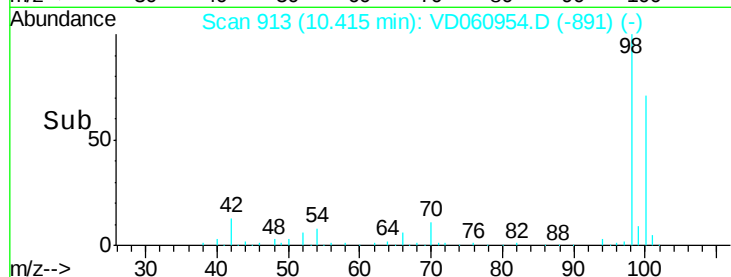
200000

100000

0

Time-->

10.30 10.40 10.50 10.60



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD060954.D

Acq: 5 Mar 2019 17:45

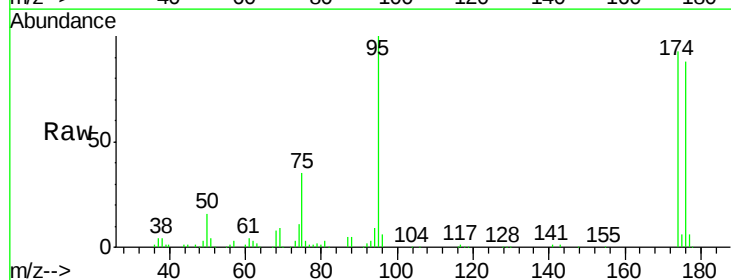
Tgt Ion: 95 Resp: 287996

Ion Ratio Lower Upper

95 100

174 92.5 0.0 165.6

176 87.7 0.0 160.6



Abundance Ion 95.00 (94.70 to 95.70): VD060912.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060912.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060912.D (-1227) (-)

250000

200000

150000

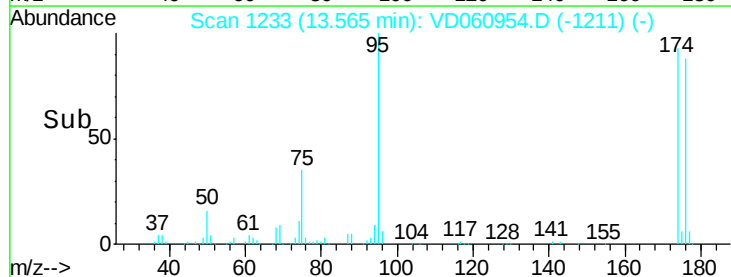
100000

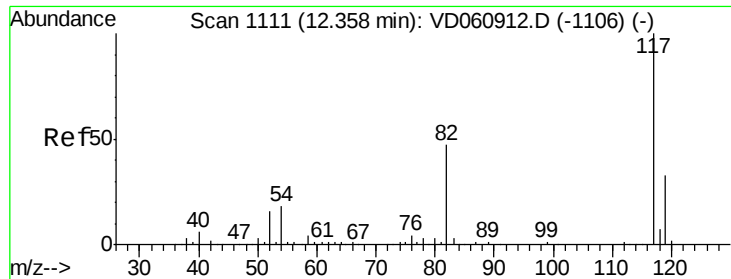
50000

0

Time-->

13.50 13.60

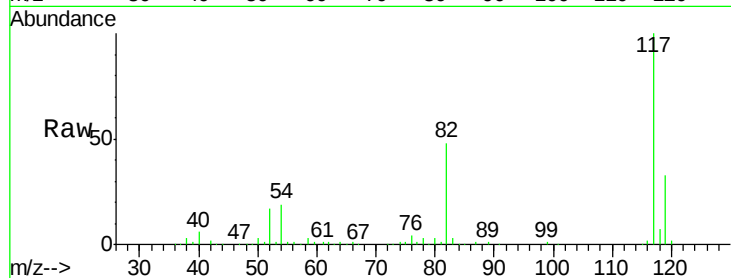




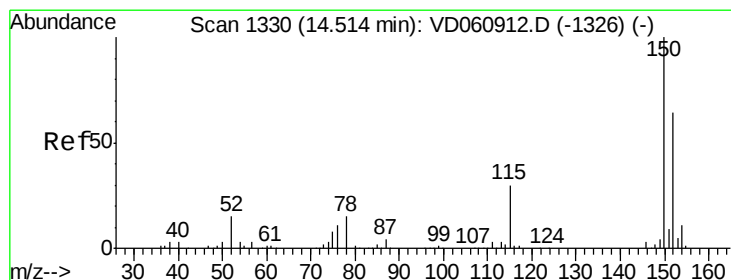
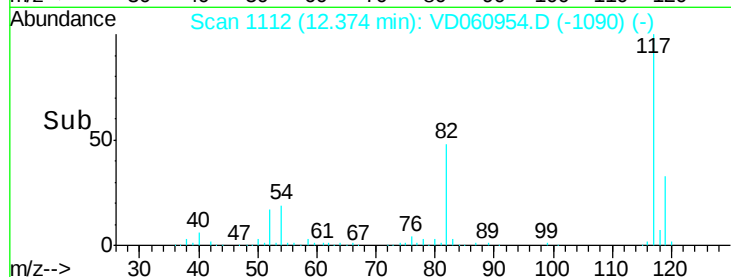
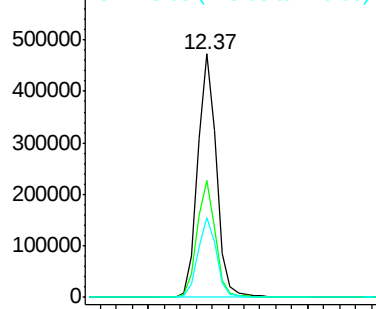
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD060954.D
Acq: 5 Mar 2019 17:45

Instrument :
MSVOA_D
ClientSampleId :
SB-D-2-5

Tot Ion:117 Resp: 779679
Ion Ratio Lower Upper
117 100
82 48.1 37.5 56.3
119 32.8 26.2 39.2

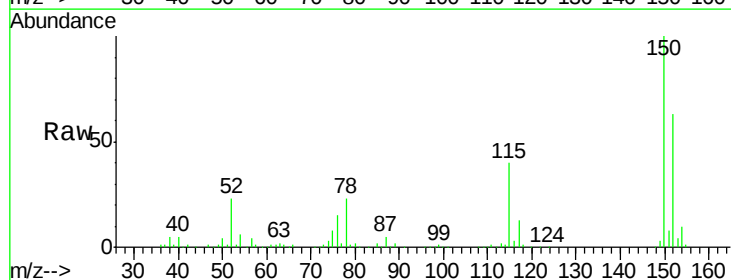


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD060954.D
Acq: 5 Mar 2019 17:45

Tgt Ion:152 Resp: 394714
Ion Ratio Lower Upper
152 100
115 63.6 27.6 82.8
150 157.7 0.0 312.8



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

