

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030519\
 Data File : VD060955.D
 Acq On : 5 Mar 2019 18:12
 Operator : VA/AP
 Sample : K1714-18
 Misc : 5.96g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-D-5-8

Quant Time: Mar 06 04:46:03 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

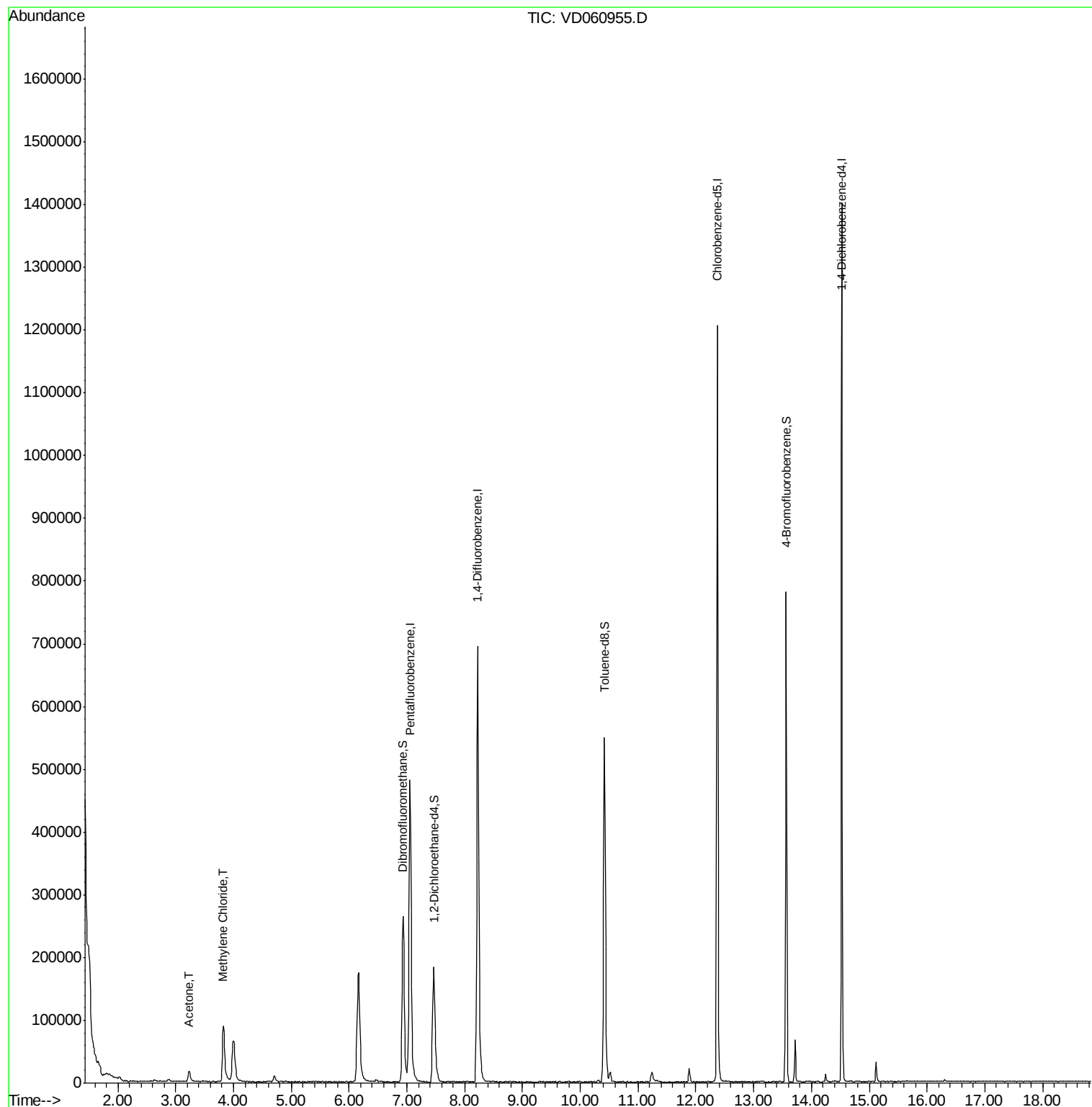
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	476171	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	829873	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	735982	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	317928	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	169259	43.00	ug/l	0.02
Spiked Amount 50.000			Recovery	=	86.00%	
35) Dibromofluoromethane	6.94	113	251091	37.74	ug/l	0.02
Spiked Amount 50.000			Recovery	=	75.48%	
50) Toluene-d8	10.42	98	517902	31.28	ug/l	0.02
Spiked Amount 50.000			Recovery	=	62.56%	
62) 4-Bromofluorobenzene	13.56	95	235817	37.69	ug/l	0.01
Spiked Amount 50.000			Recovery	=	75.38%	
Target Compounds						
16) Acetone	3.22	43	33980	25.853	ug/l	89
20) Methylene Chloride	3.82	84	67591	7.768	ug/l	94

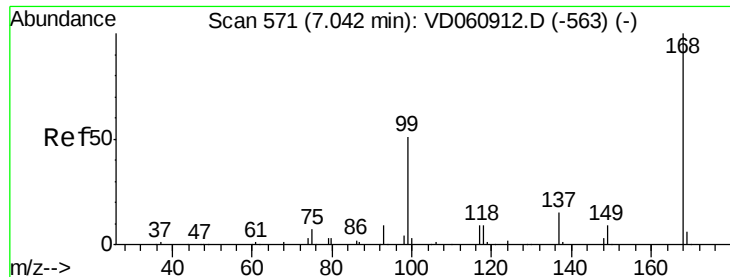
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030519\
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QLast Update : Sat Mar 02 01:28:28 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD060955.D

Acq: 5 Mar 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

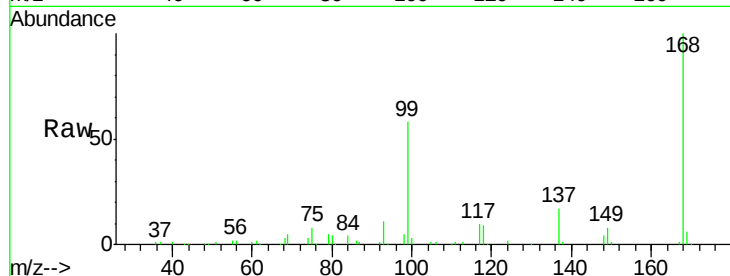
SB-D-5-8

Tot Ion:168 Resp: 476171

Ion Ratio Lower Upper

168 100

99 58.1 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

150000

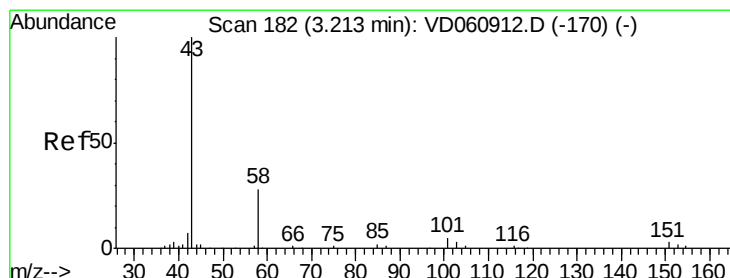
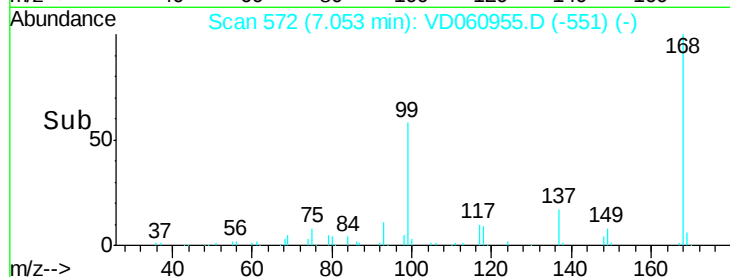
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 25.853 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD060955.D

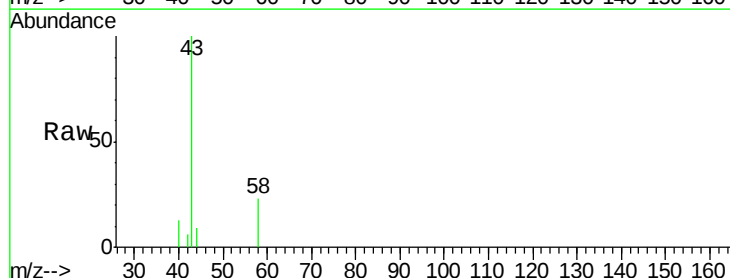
Acq: 5 Mar 2019 18:12

Tgt Ion: 43 Resp: 33980

Ion Ratio Lower Upper

43 100

58 22.9 22.8 34.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

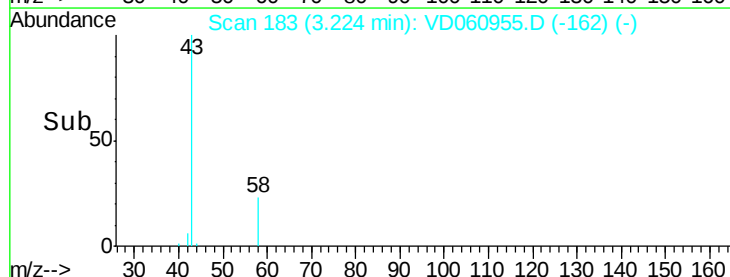
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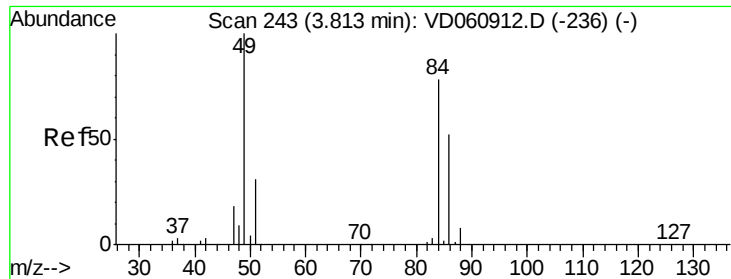
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Time-->

3.20 3.30



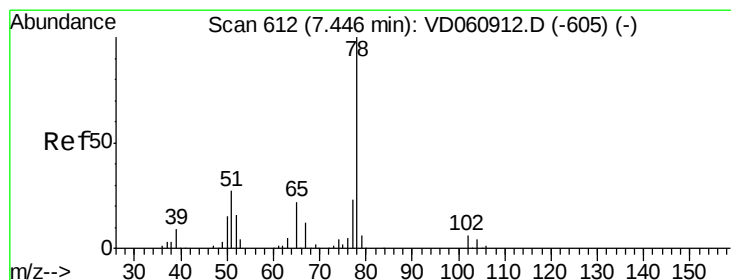
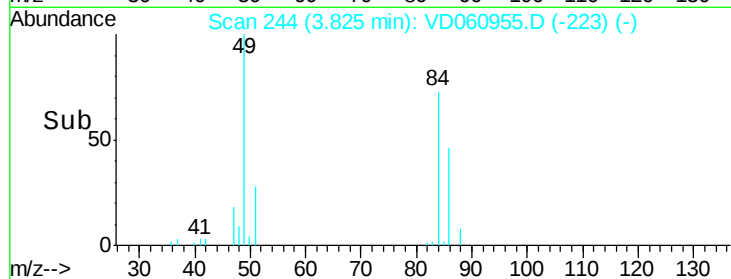
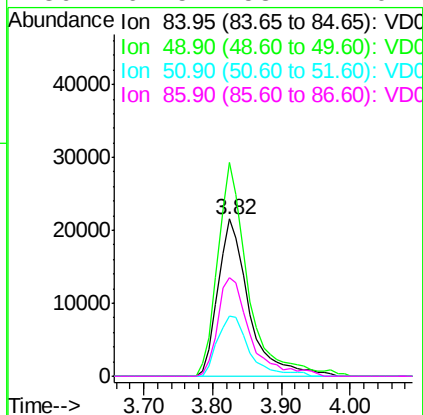
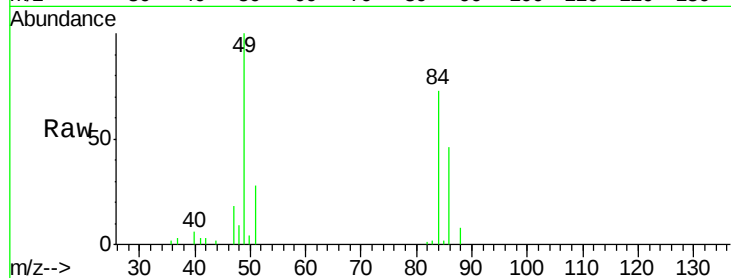


#20
Methvlene Chloride
Concen: 7.768 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD060955.D
Acq: 5 Mar 2019 18:12

Instrument :
MSVOA_D
ClientSampleId :
SB-D-5-8

Tot Ion: 84 Resp: 67591

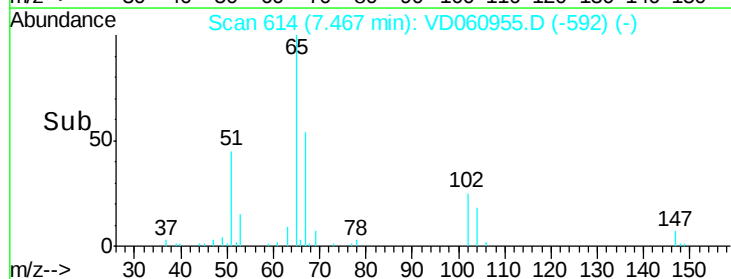
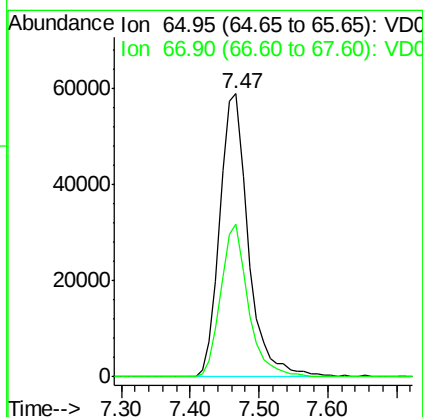
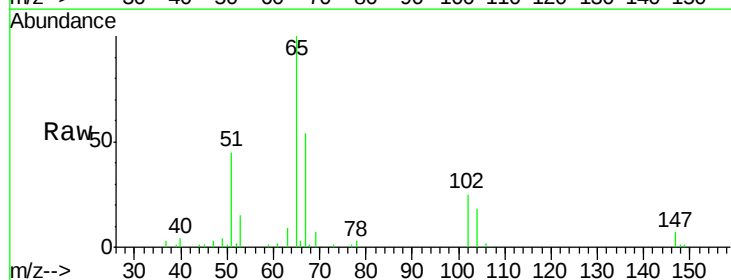
Ion	Ratio	Lower	Upper
84	100		
49	136.1	102.4	153.6
51	38.7	31.9	47.9
86	62.5	53.1	79.7

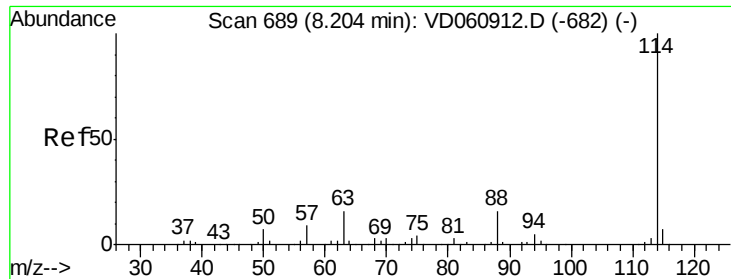


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.02 min
Lab File: VD060955.D
Acq: 5 Mar 2019 18:12

Tgt Ion: 65 Resp: 169259

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	109.4

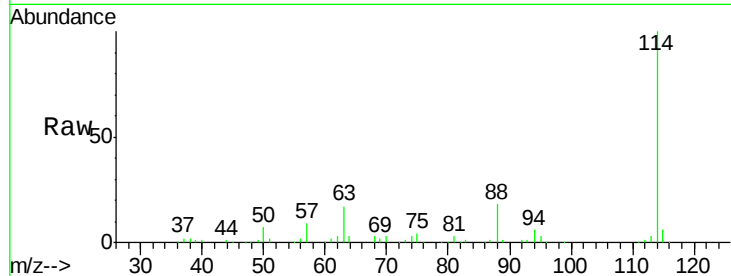




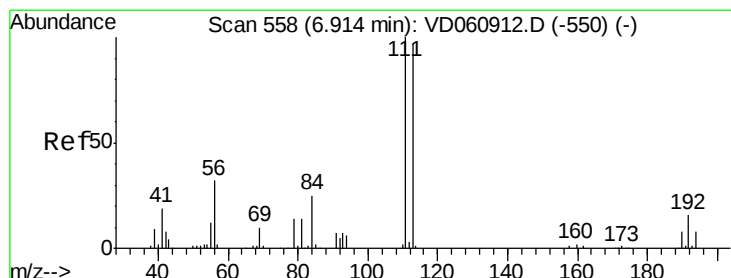
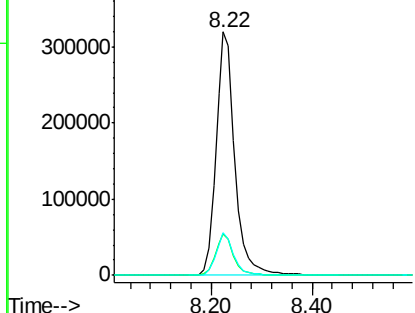
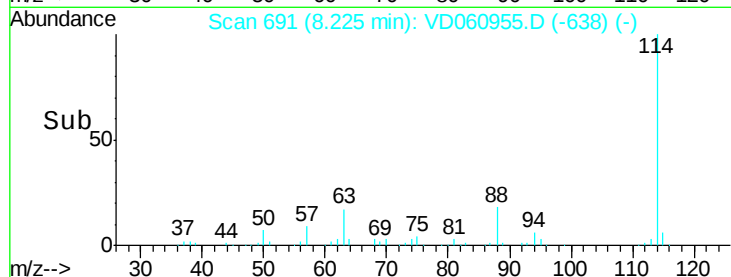
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD060955.D
 Acq: 5 Mar 2019 18:12

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-D-5-8

Tot Ion:114 Resp: 829873
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 32.0
 88 17.7 0.0 32.8

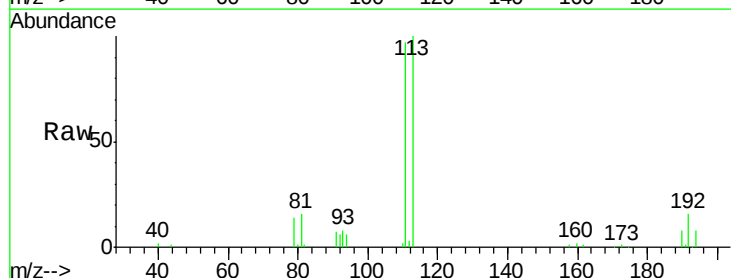


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

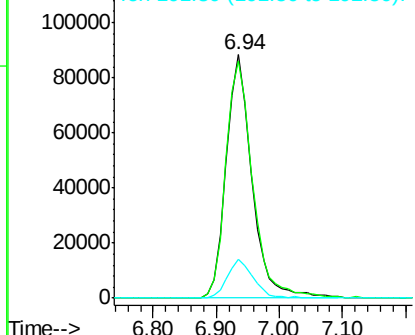
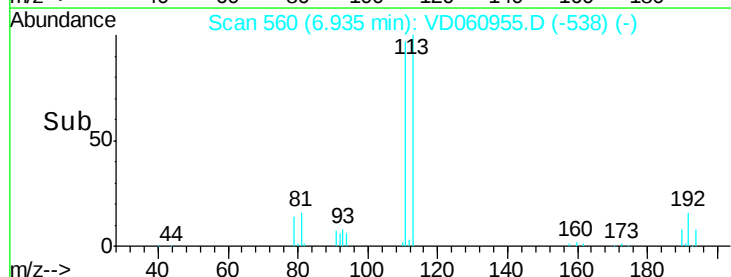


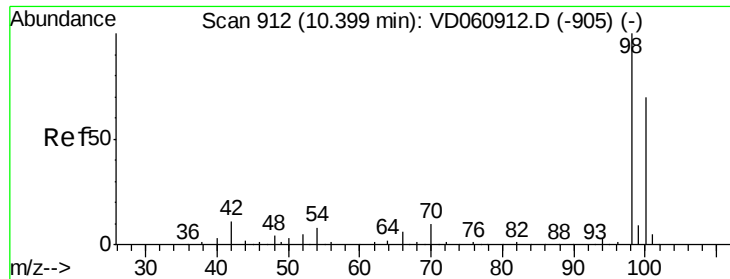
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.02 min
 Lab File: VD060955.D
 Acq: 5 Mar 2019 18:12

Tgt Ion:113 Resp: 251091
 Ion Ratio Lower Upper
 113 100
 111 97.3 82.6 124.0
 192 15.8 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: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD060955.D

Acq: 5 Mar 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

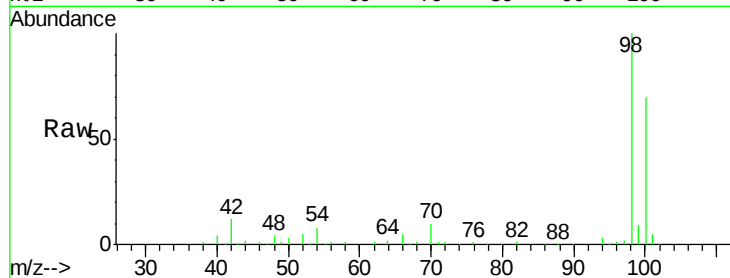
SB-D-5-8

Tot Ion: 98 Resp: 517902

Ion Ratio Lower Upper

98 100

100 70.1 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) (-)

10.42

200000

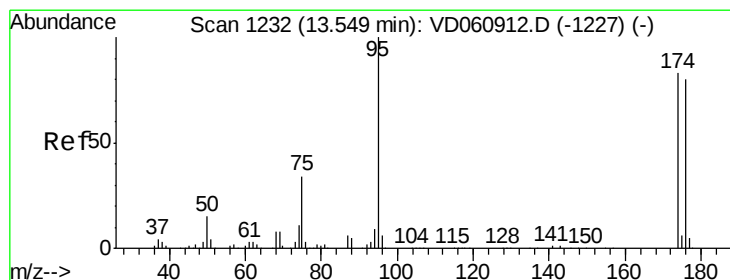
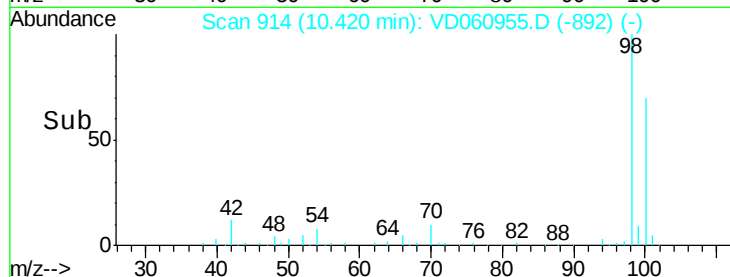
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD060955.D

Acq: 5 Mar 2019 18:12

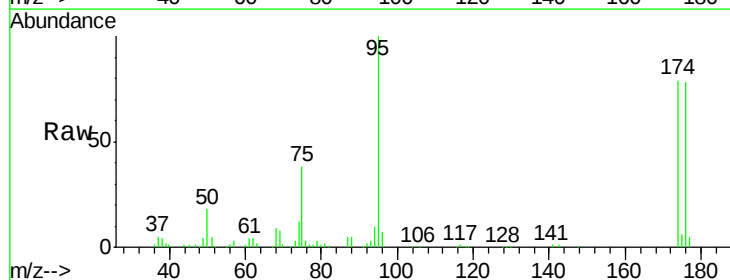
Tgt Ion: 95 Resp: 235817

Ion Ratio Lower Upper

95 100

174 79.3 0.0 165.6

176 78.1 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) (-)

200000

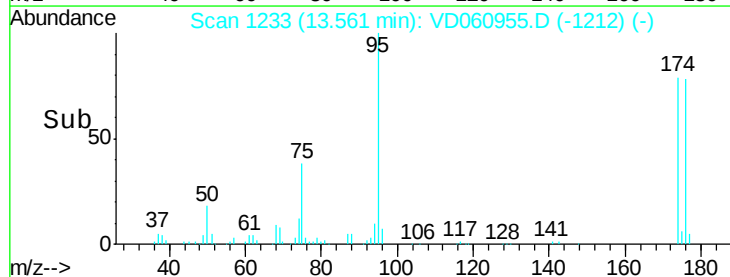
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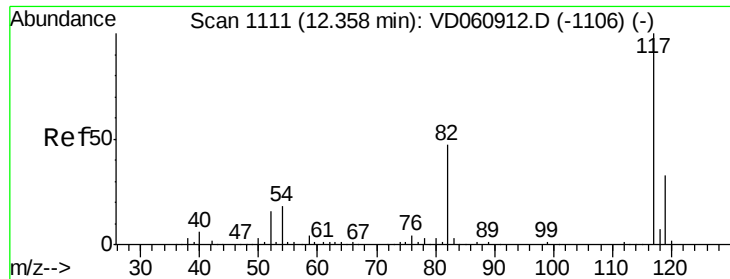
100000

50000

0

Time-->

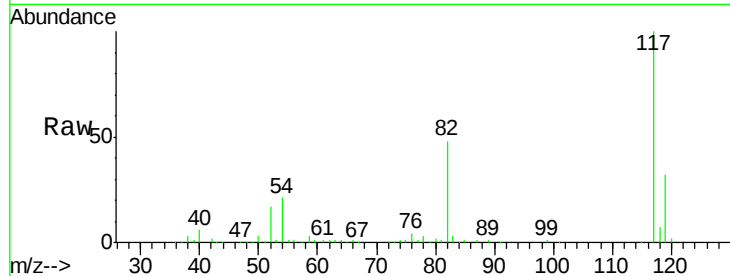




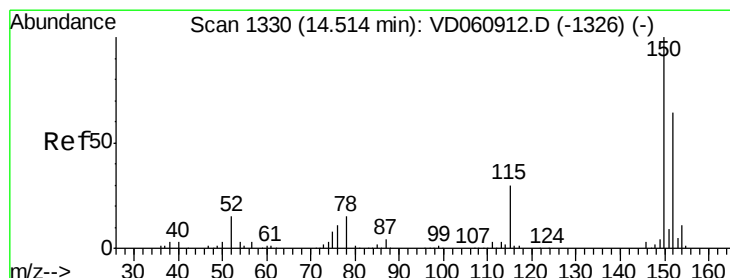
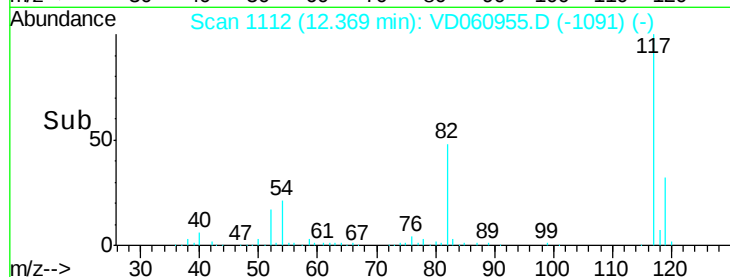
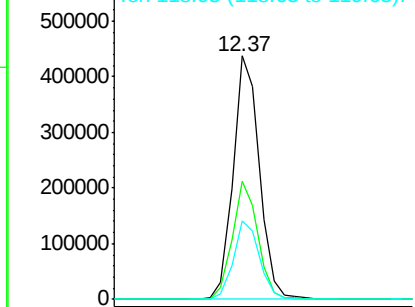
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD060955.D
Acq: 5 Mar 2019 18:12

Instrument :
MSVOA_D
ClientSampleId :
SB-D-5-8

Tot Ion:117 Resp: 735982
Ion Ratio Lower Upper
117 100
82 48.4 37.5 56.3
119 32.2 26.2 39.2

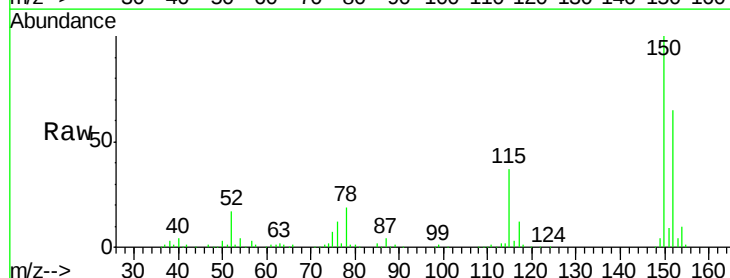


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD060955.D
Acq: 5 Mar 2019 18:12

Tgt Ion:152 Resp: 317928
Ion Ratio Lower Upper
152 100
115 56.3 27.6 82.8
150 153.1 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

