

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030619\
 Data File : VD060966.D
 Acq On : 6 Mar 2019 15:38
 Operator : VA/AP
 Sample : K1714-18RE
 Misc : 5.92g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Mar 07 06:16:53 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

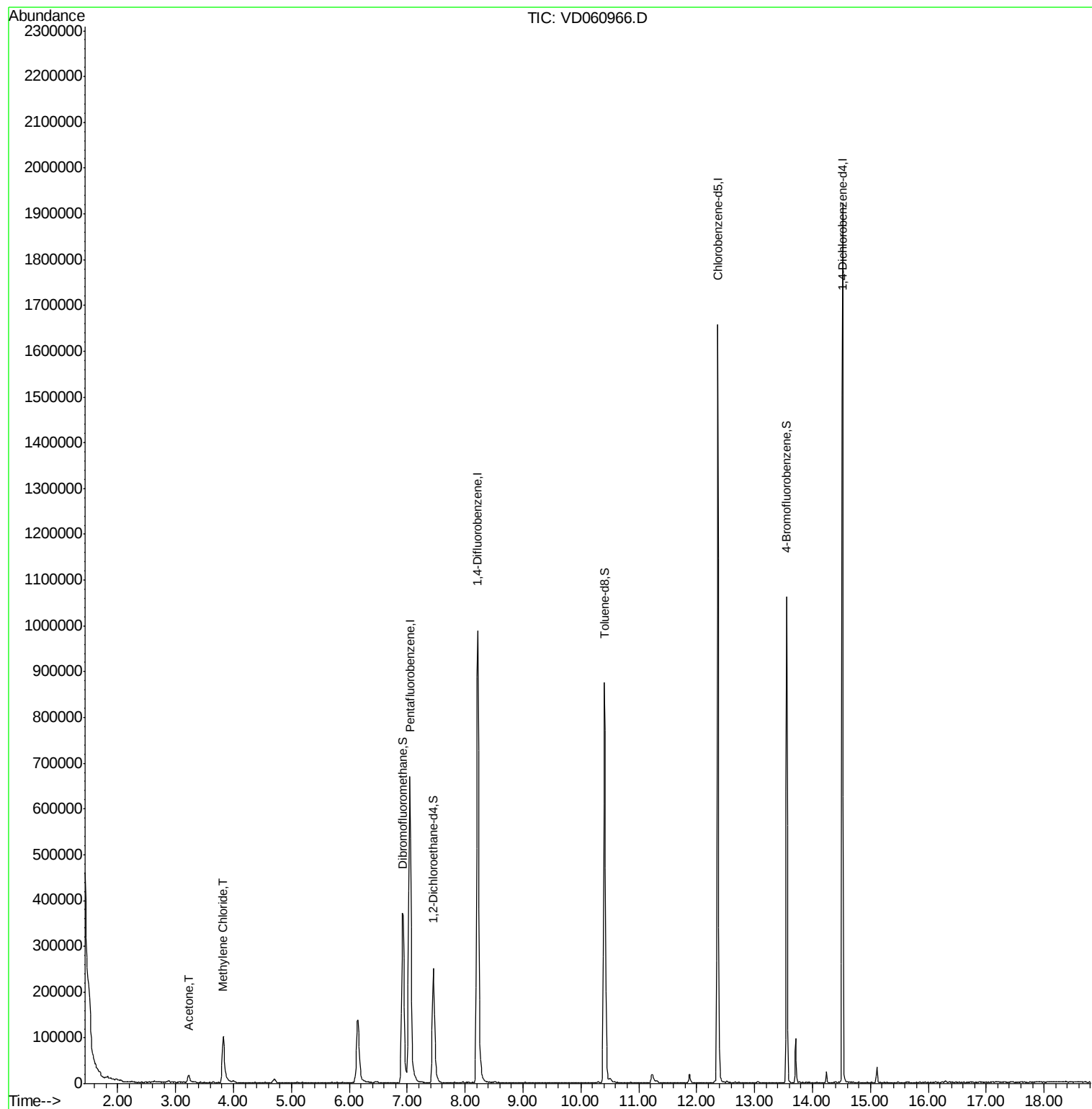
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	701234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1199872	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	1026108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	460368	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	224279	38.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.38%	
35) Dibromofluoromethane	6.93	113	369280	38.39	ug/l	0.01
Spiked Amount 50.000			Recovery	=	76.78%	
50) Toluene-d8	10.40	98	788772	32.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.90%	
62) 4-Bromofluorobenzene	13.55	95	332327	36.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.48%	
Target Compounds						
16) Acetone	3.22	43	34697	17.926	ug/l	92
20) Methylene Chloride	3.83	84	81448	5.645	ug/l	98

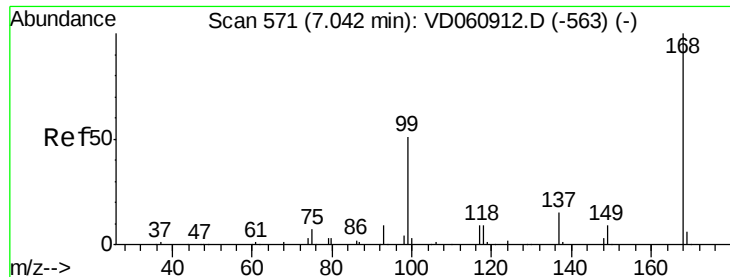
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.05 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD060966.D

Acq: 6 Mar 2019 15:38

Instrument :

MSVOA_D

ClientSampleId :

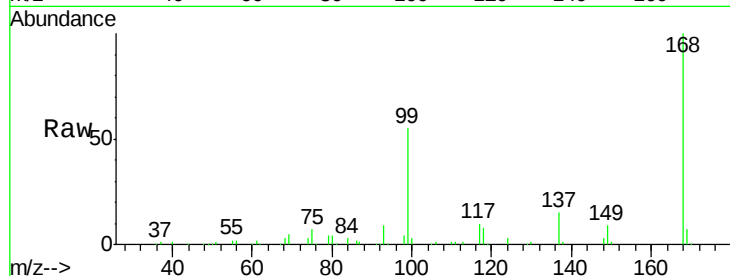
SB-D-5-8RE

Tot Ion:168 Resp: 701234

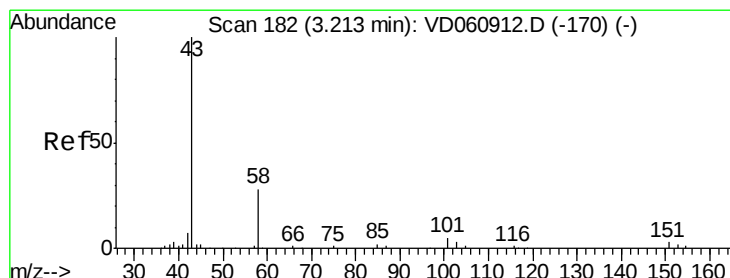
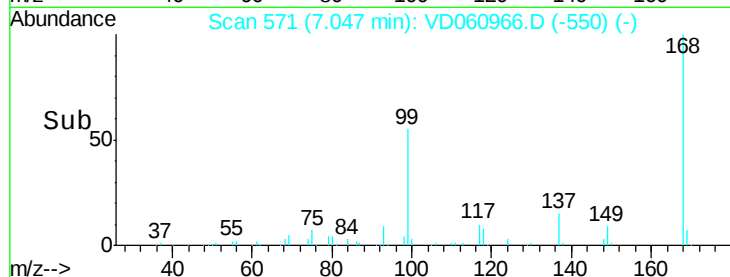
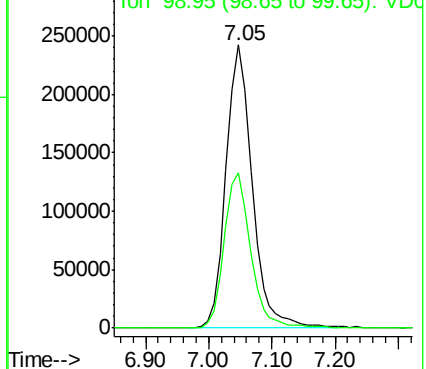
Ion Ratio Lower Upper

168 100

99 54.9 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 17.926 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD060966.D

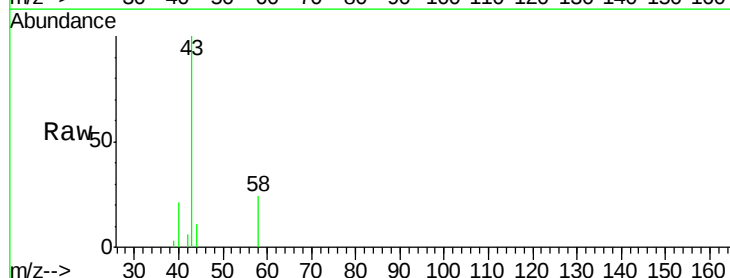
Acq: 6 Mar 2019 15:38

Tgt Ion: 43 Resp: 34697

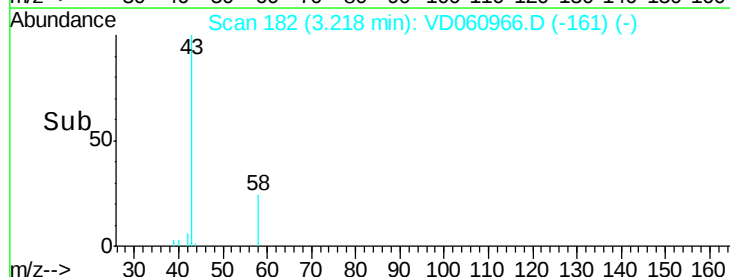
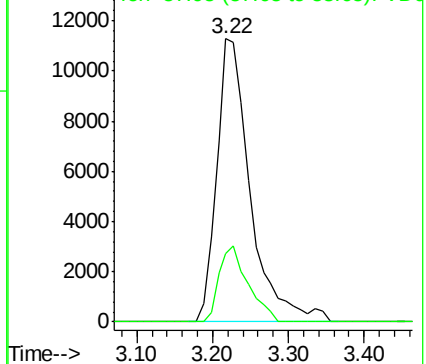
Ion Ratio Lower Upper

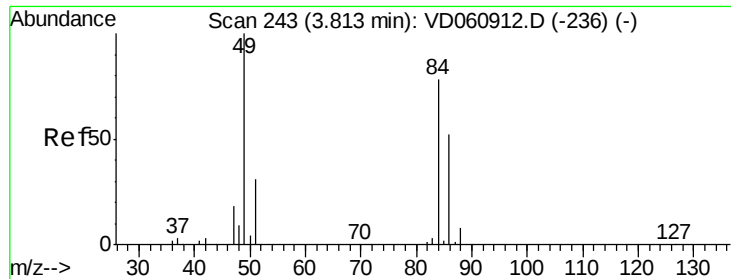
43 100

58 24.2 22.8 34.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

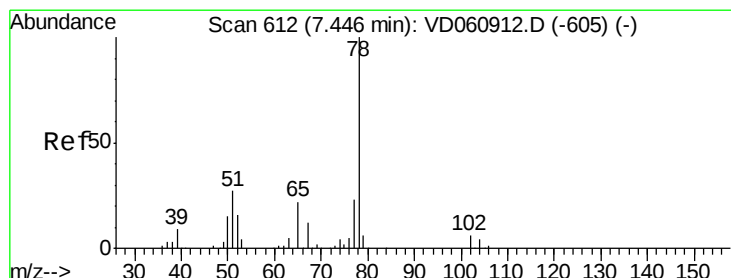
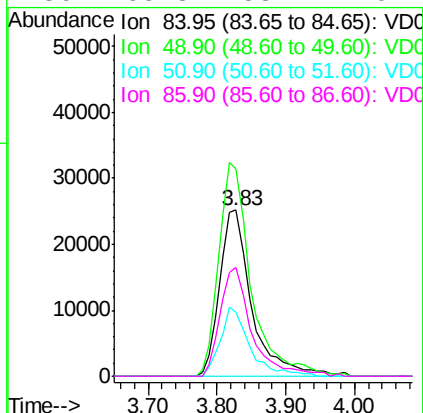
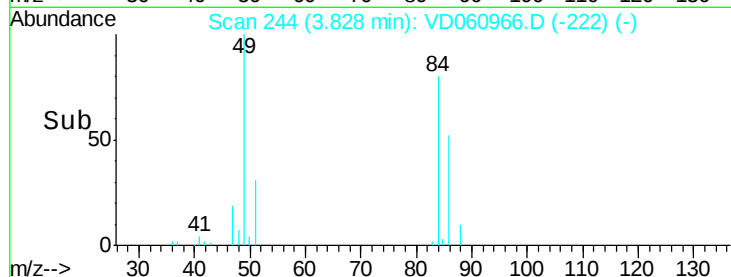
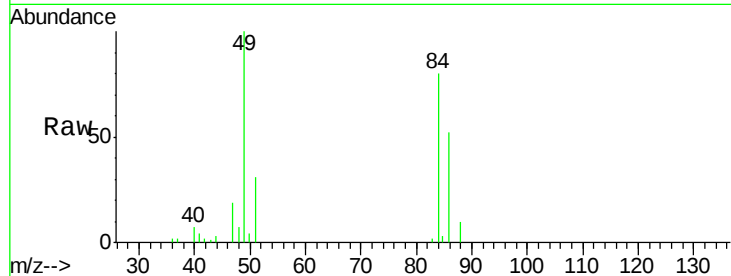




#20
Methvlene Chloride
Concen: 5.645 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD060966.D
Acq: 6 Mar 2019 15:38

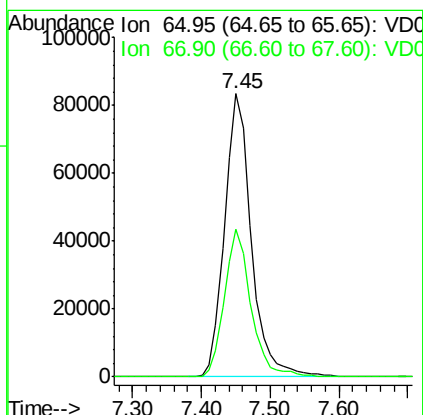
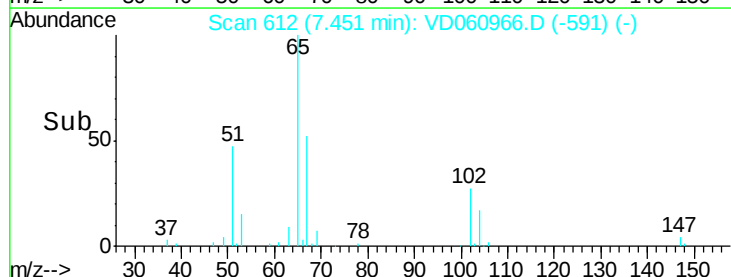
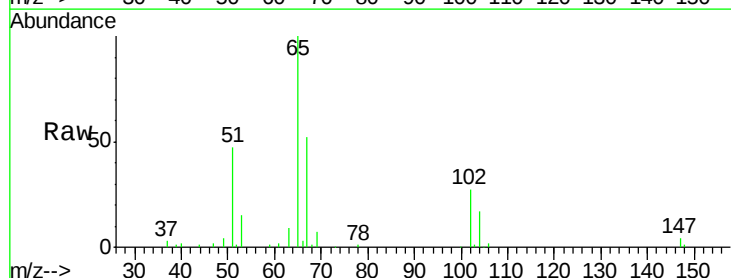
Instrument :
MSVOA_D
ClientSampleId :
SB-D-5-8RE

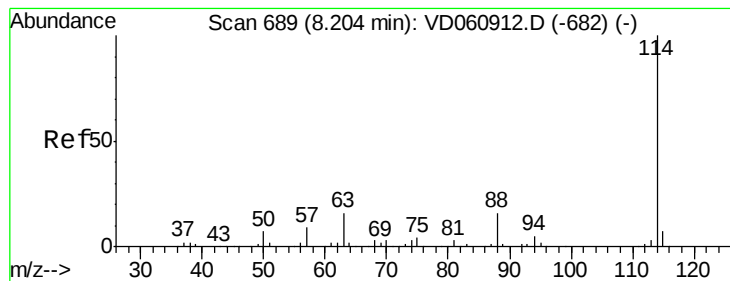
Tot Ion: 84 Resp: 81448
Ion Ratio Lower Upper
84 100
49 124.8 102.4 153.6
51 38.5 31.9 47.9
86 65.3 53.1 79.7



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.00 min
Lab File: VD060966.D
Acq: 6 Mar 2019 15:38

Tgt Ion: 65 Resp: 224279
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD060966.D

Acq: 6 Mar 2019 15:38

Instrument :

MSVOA_D

ClientSampleId :

SB-D-5-8RE

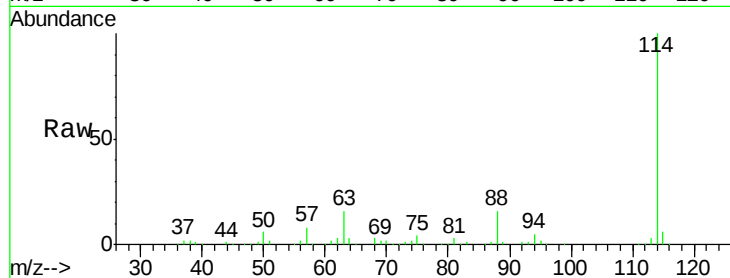
Tot Ion:114 Resp: 1199872

Ion Ratio Lower Upper

114 100

63 16.3 0.0 32.0

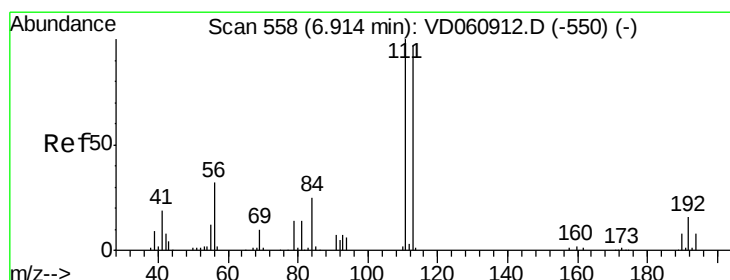
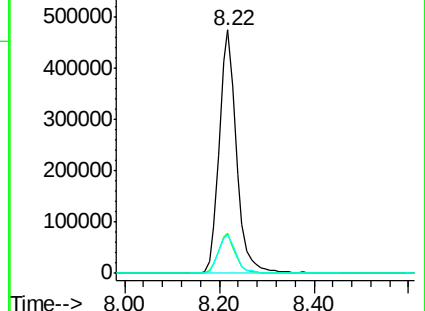
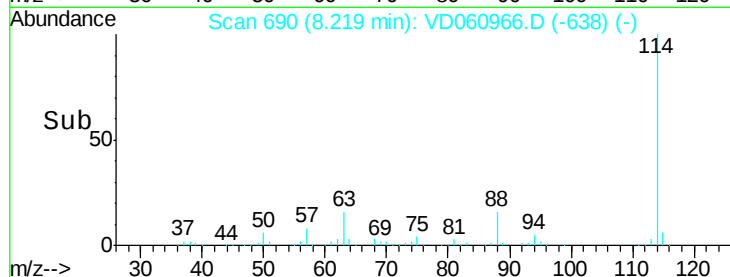
88 15.9 0.0 32.8



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: 6.93 min Scan# 559

Delta R.T. 0.01 min

Lab File: VD060966.D

Acq: 6 Mar 2019 15:38

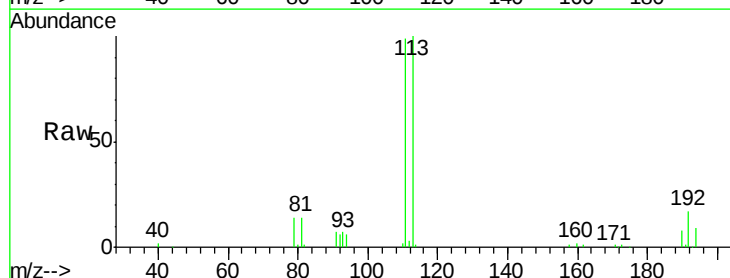
Tgt Ion:113 Resp: 369280

Ion Ratio Lower Upper

113 100

111 99.0 82.6 124.0

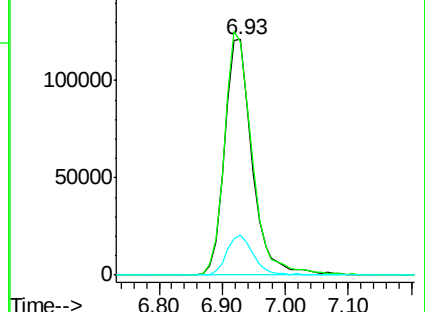
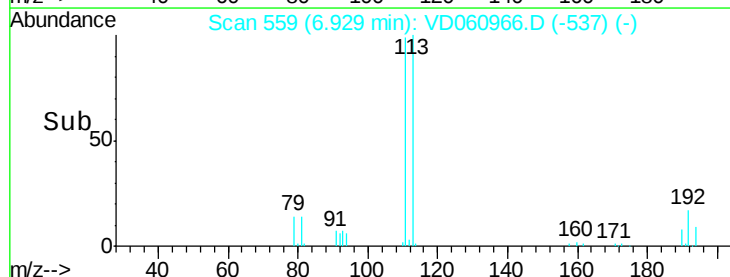
192 16.8 13.4 20.2

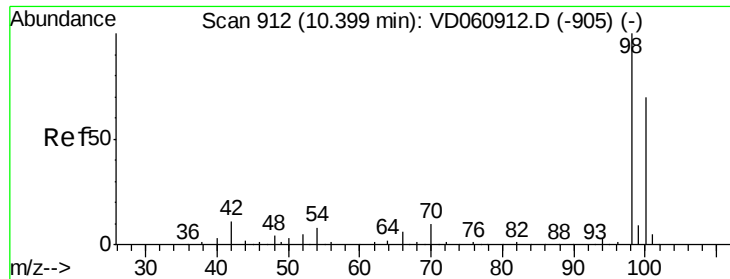


Abundance Ion 112.90 (112.60 to 113.60): V

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: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD060966.D

Acq: 6 Mar 2019 15:38

Instrument :

MSVOA_D

ClientSampleId :

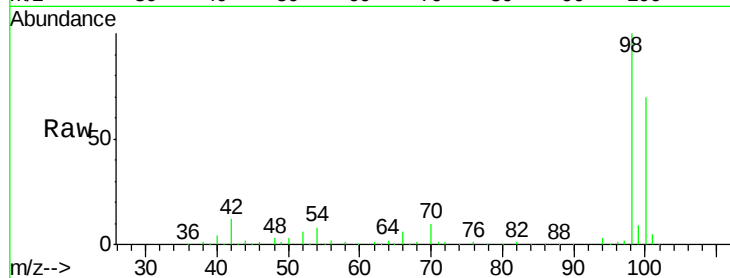
SB-D-5-8RE

Tot Ion: 98 Resp: 788772

Ion Ratio Lower Upper

98 100

100 70.3 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) (-)

10.40

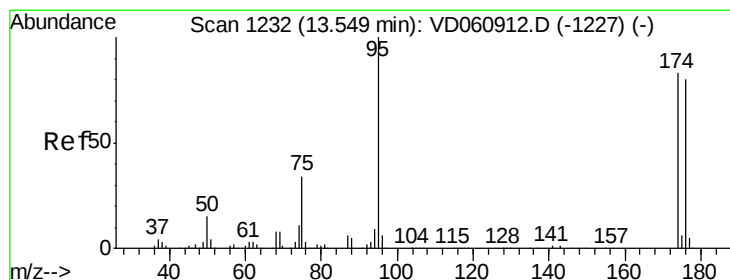
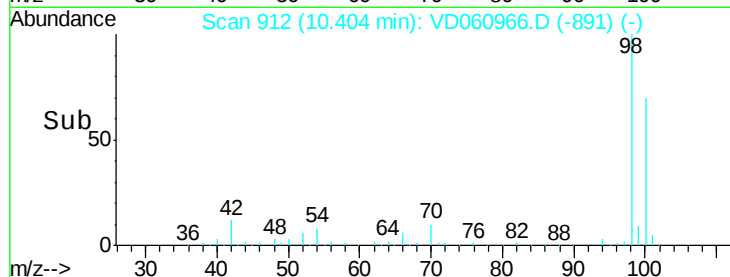
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD060966.D

Acq: 6 Mar 2019 15:38

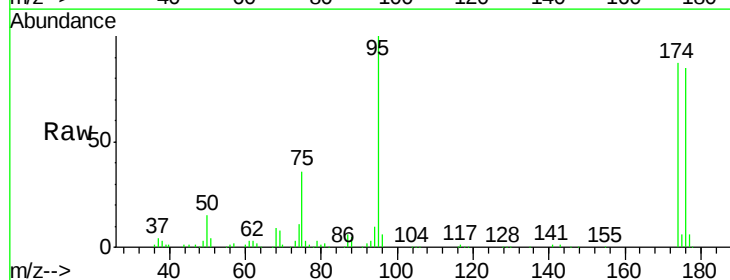
Tgt Ion: 95 Resp: 332327

Ion Ratio Lower Upper

95 100

174 87.0 0.0 165.6

176 85.2 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) (-)

300000

250000

200000

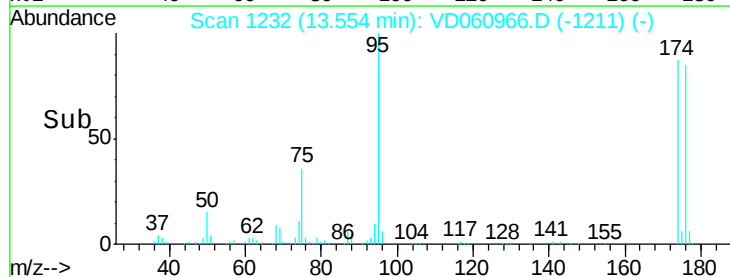
150000

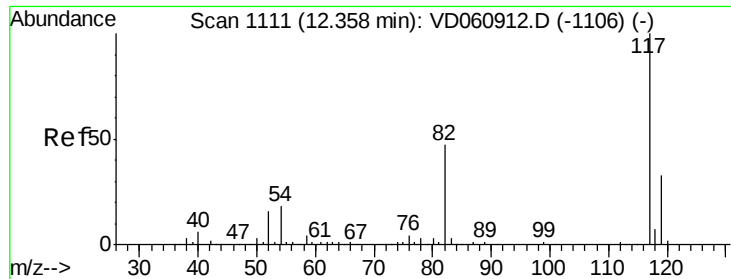
100000

50000

0

Time-->

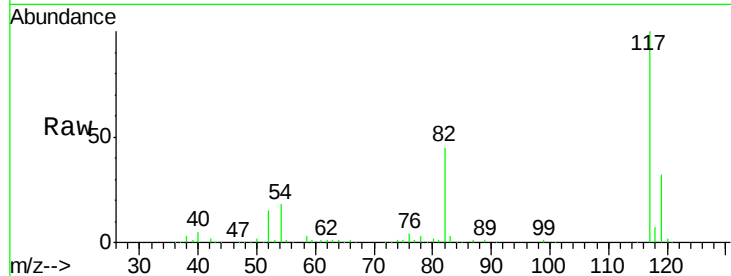




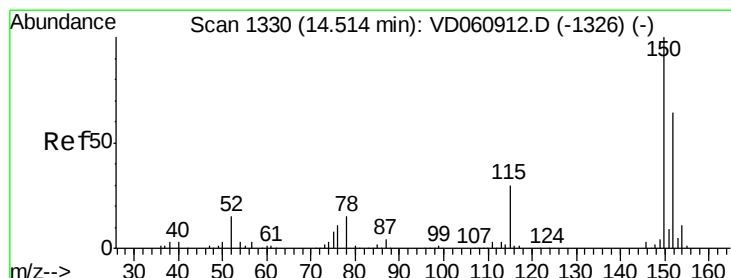
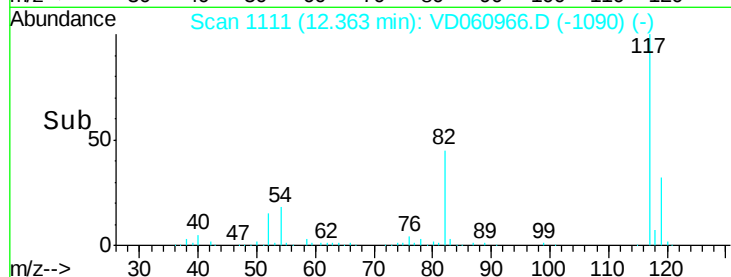
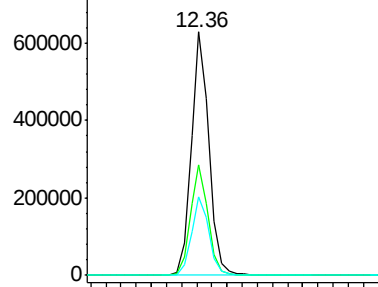
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD060966.D
Acq: 6 Mar 2019 15:38

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

Tot Ion:117 Resp: 1026108
Ion Ratio Lower Upper
117 100
82 45.3 37.5 56.3
119 32.2 26.2 39.2

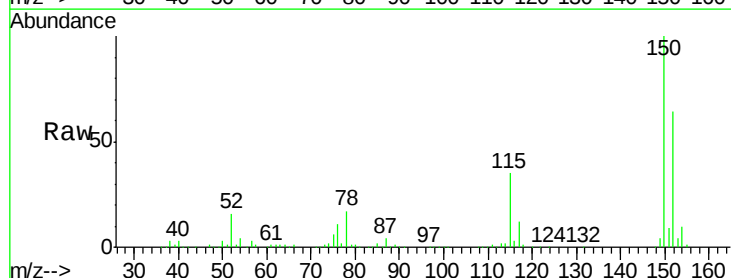


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD060966.D
Acq: 6 Mar 2019 15:38

Tgt Ion:152 Resp: 460368
Ion Ratio Lower Upper
152 100
115 55.0 27.6 82.8
150 156.4 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

