

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061145.D
 Acq On : 18 Mar 2019 15:09
 Operator : VA/AP
 Sample : K1691-11RE
 Misc : 5.94g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-031519-BRE

Quant Time: Mar 19 04:10:00 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

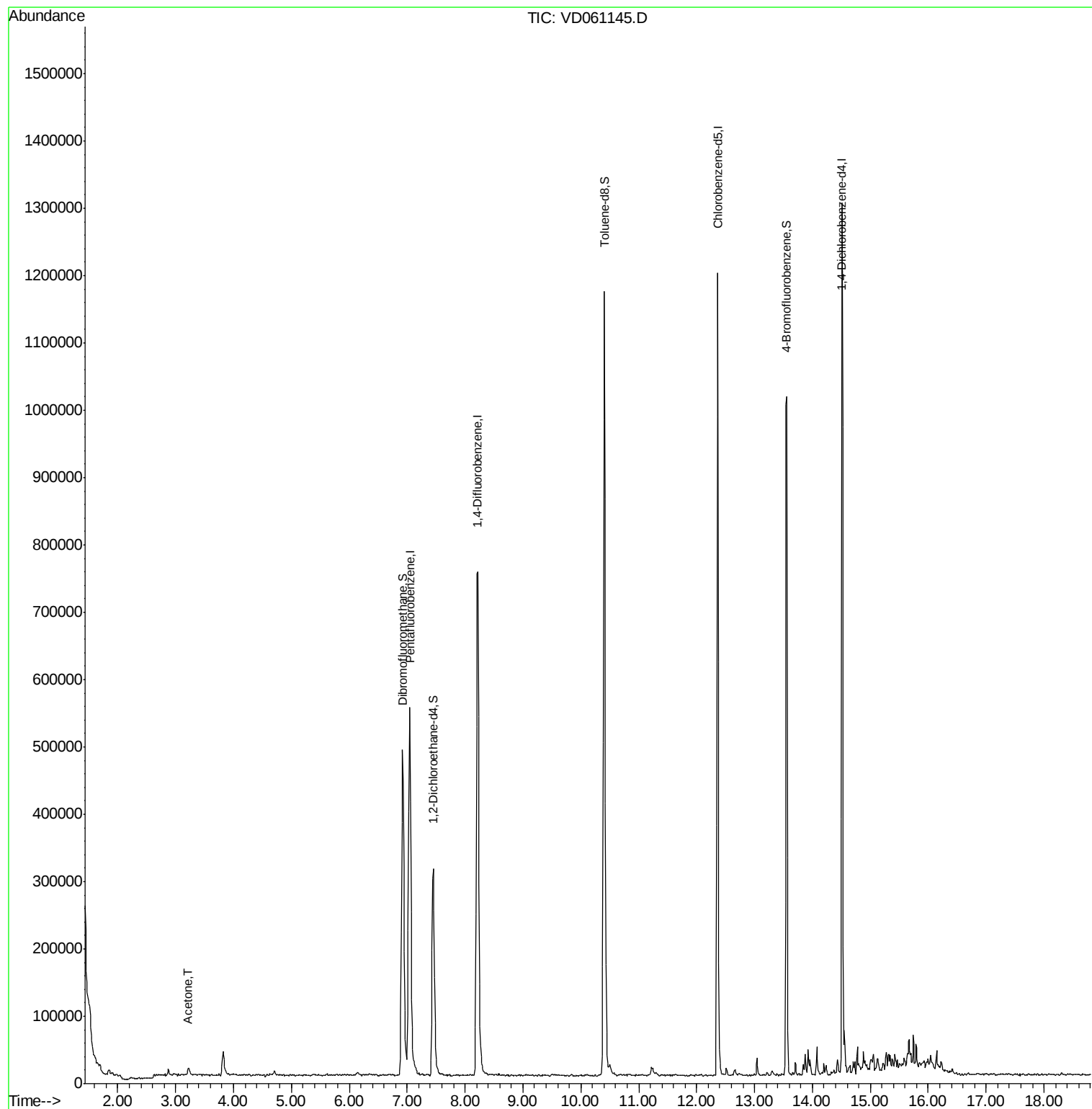
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	580965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1010214	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	772718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	303243	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	304483	62.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.92%	
35) Dibromofluoromethane	6.92	113	467901	62.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.82%	
50) Toluene-d8	10.40	98	1005934	53.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.86%	
62) 4-Bromofluorobenzene	13.54	95	351366	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
Target Compounds						
16) Acetone	3.22	43	21369	15.453	ug/l	Qvalue 98

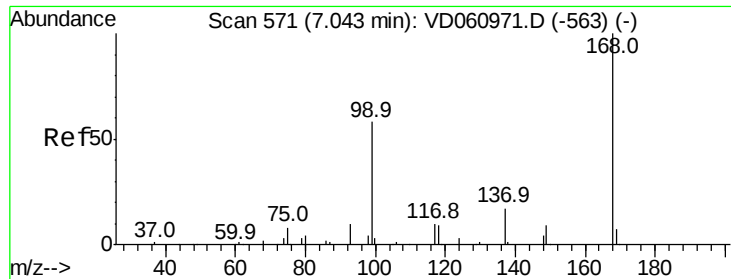
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.00 min

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MSVOA_D

ClientSampleId :

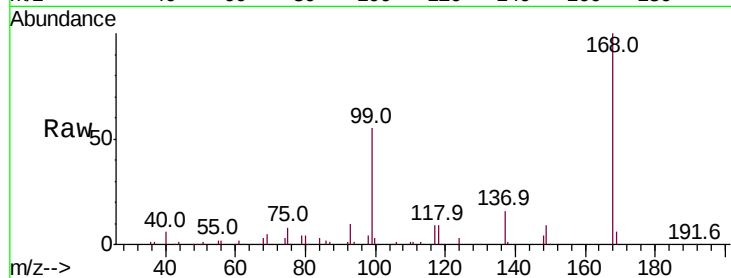
CL-01-031519-BRE

Tot Ion:168 Resp: 580965

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

7.05

200000

150000

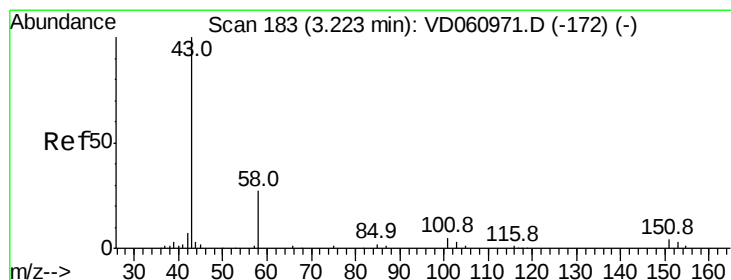
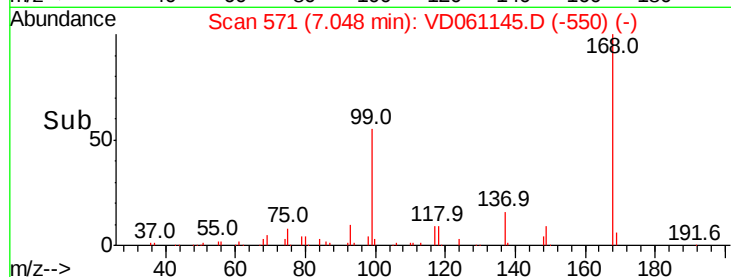
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 15.453 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061145.D

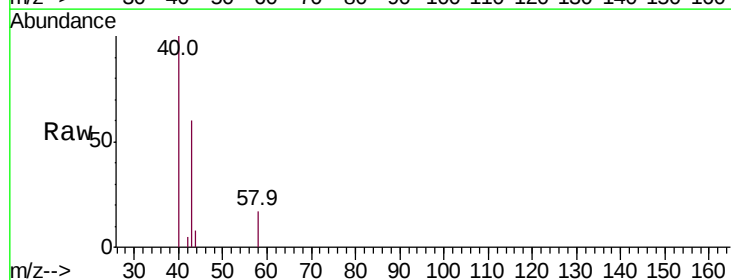
Acq: 18 Mar 2019 15:09

Tgt Ion: 43 Resp: 21369

Ion Ratio Lower Upper

43 100

58 27.8 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

8000

6000

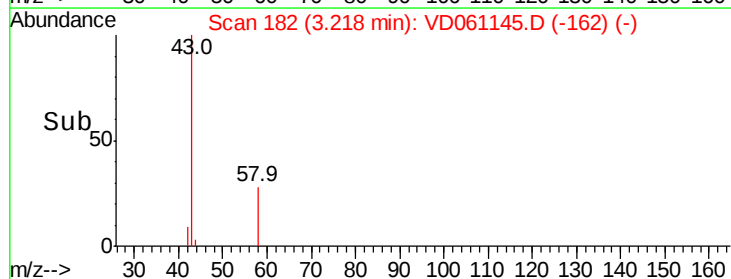
4000

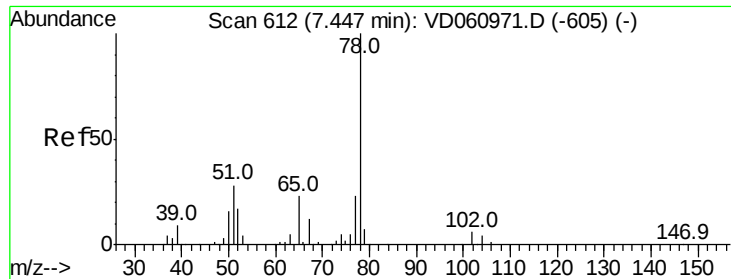
2000

0

3.10 3.20 3.30

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD061145.D

Acq: 18 Mar 2019 15:09

Instrument :

MSVOA_D

ClientSampleId :

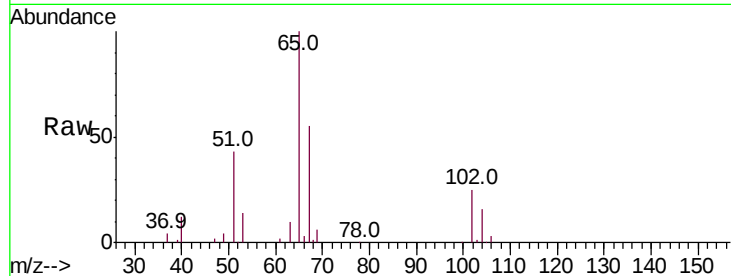
CL-01-031519-BRE

Tot Ion: 65 Resp: 304483

Ion Ratio Lower Upper

65 100

67 54.6 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

120000

100000

80000

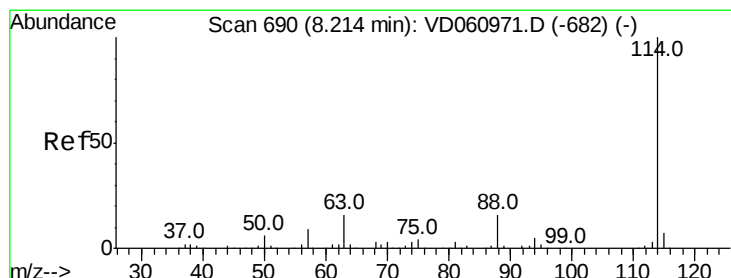
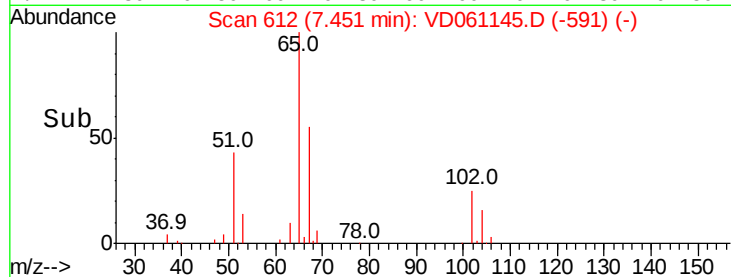
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD061145.D

Acq: 18 Mar 2019 15:09

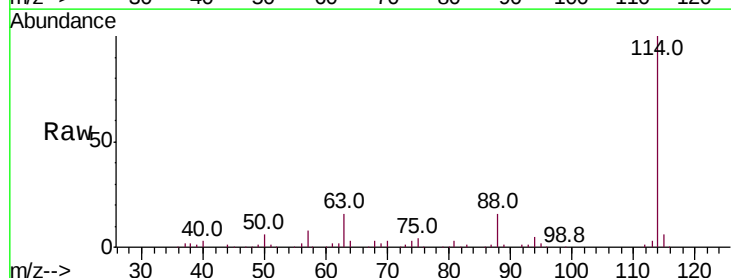
Tgt Ion: 114 Resp: 1010214

Ion Ratio Lower Upper

114 100

63 16.3 0.0 31.4

88 15.7 0.0 33.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

500000

400000

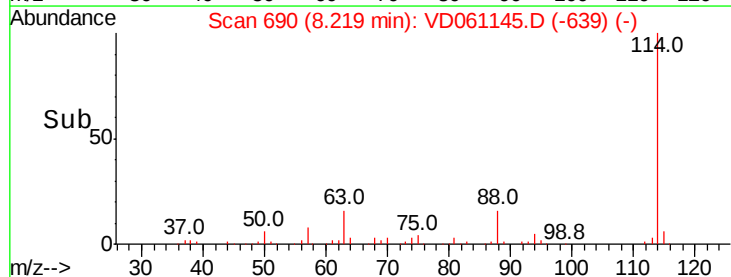
300000

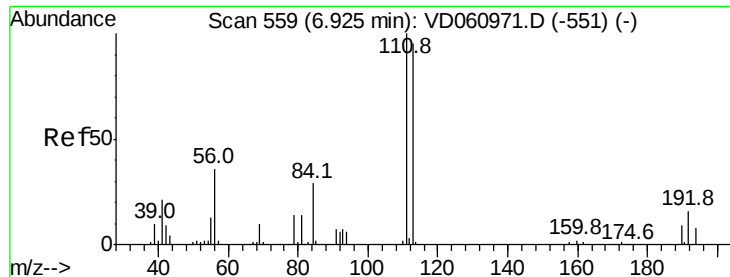
200000

100000

0

Time--> 8.00 8.20 8.40





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD061145.D

Acq: 18 Mar 2019 15:09

Instrument :

MSVOA_D

ClientSampleId :

CL-01-031519-BRE

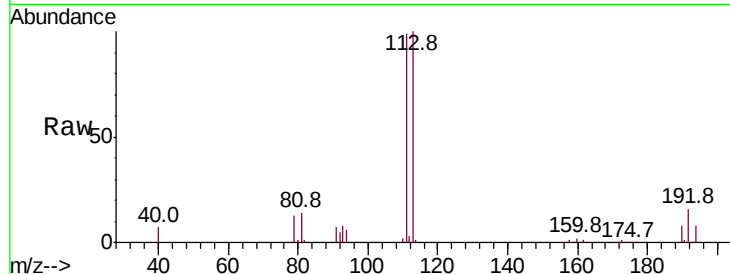
Tot Ion:113 Resp: 467901

Ion Ratio Lower Upper

113 100

111 99.4 84.2 126.4

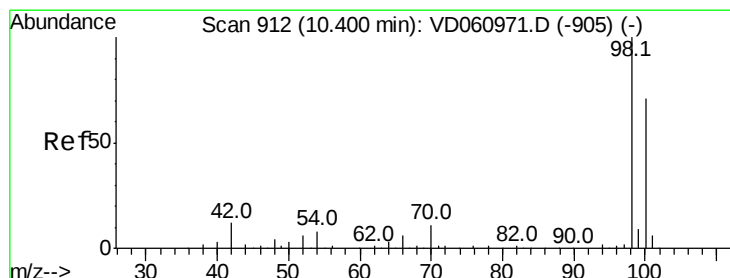
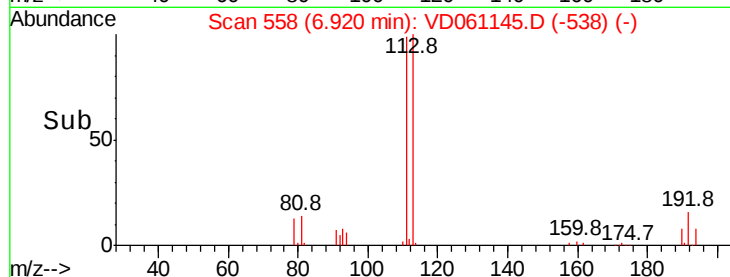
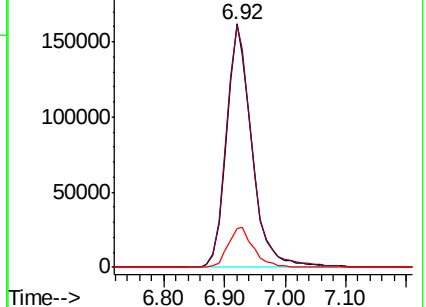
192 16.1 13.1 19.7



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: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD061145.D

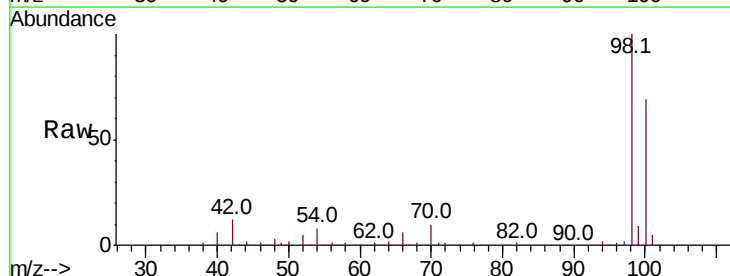
Acq: 18 Mar 2019 15:09

Tgt Ion: 98 Resp: 1005934

Ion Ratio Lower Upper

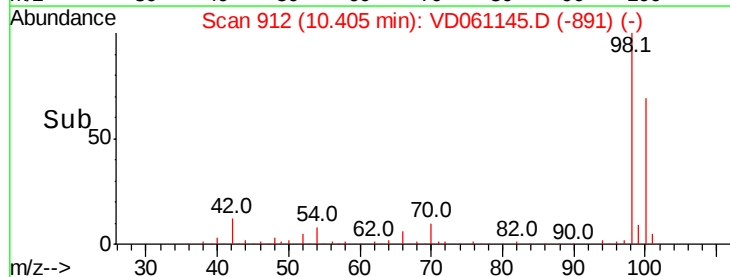
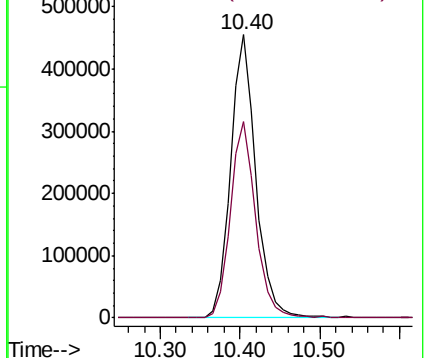
98 100

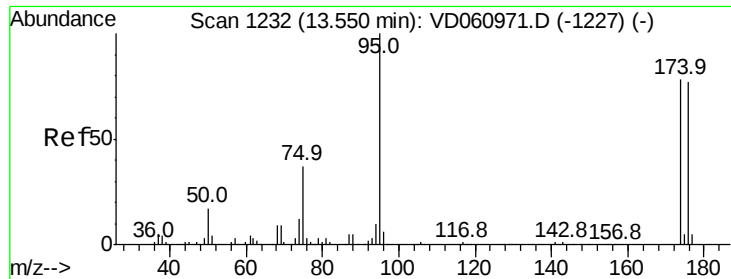
100 69.2 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD061145.D

Acq: 18 Mar 2019 15:09

Instrument :

MSVOA_D

ClientSampleId :

CL-01-031519-BRE

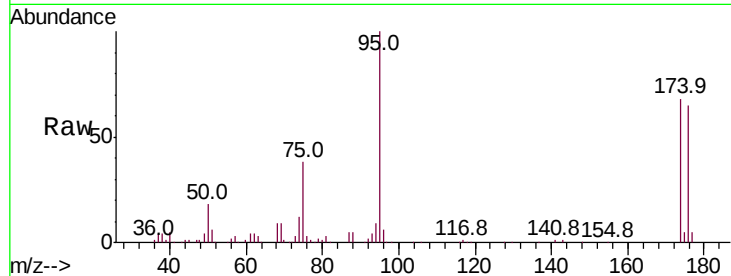
Tot Ion: 95 Resp: 351366

Ion Ratio Lower Upper

95 100

174 68.3 0.0 155.6

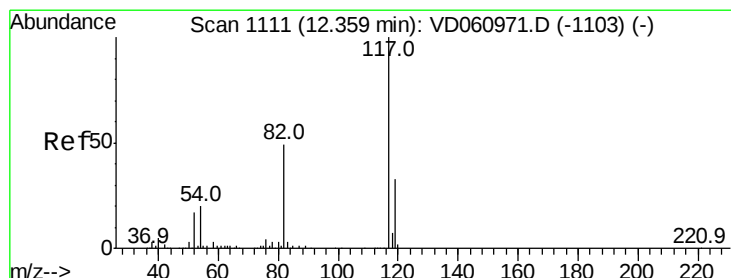
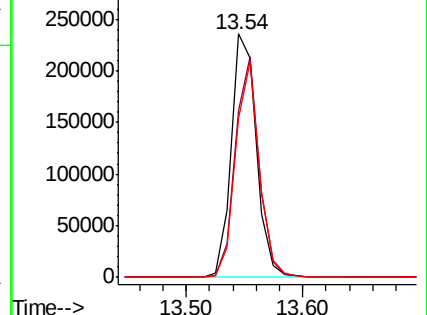
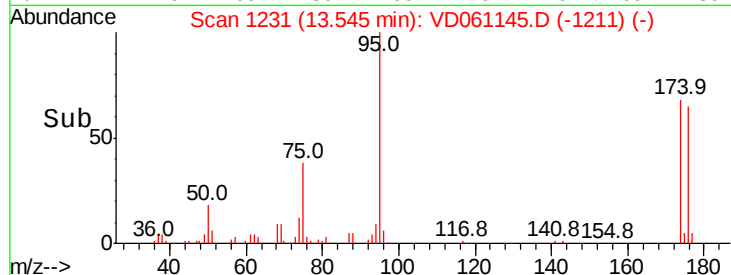
176 65.4 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD061145.D

Acq: 18 Mar 2019 15:09

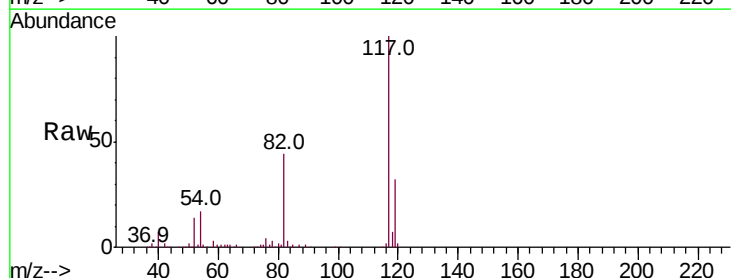
Tgt Ion: 117 Resp: 772718

Ion Ratio Lower Upper

117 100

82 43.7 38.9 58.3

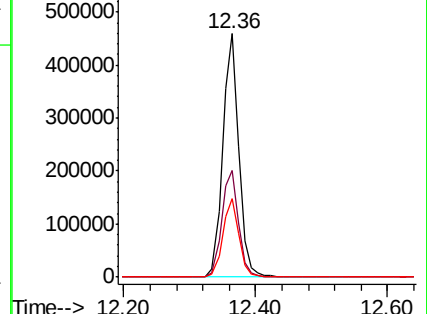
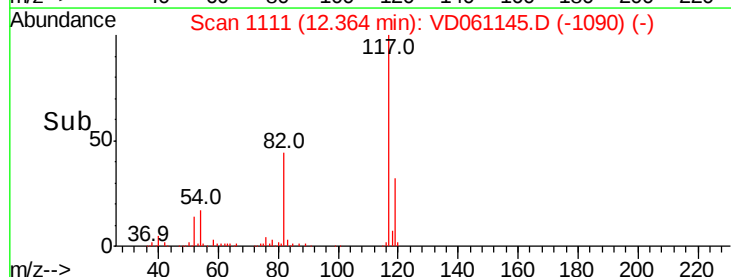
119 32.4 26.6 39.8

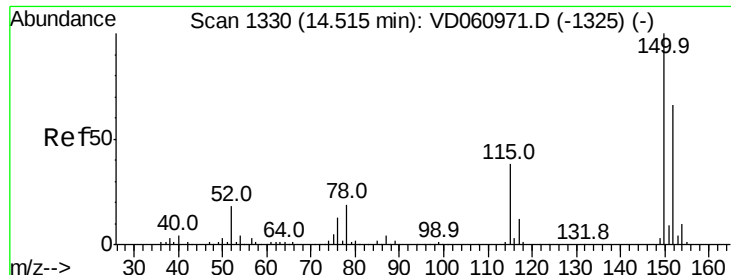


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

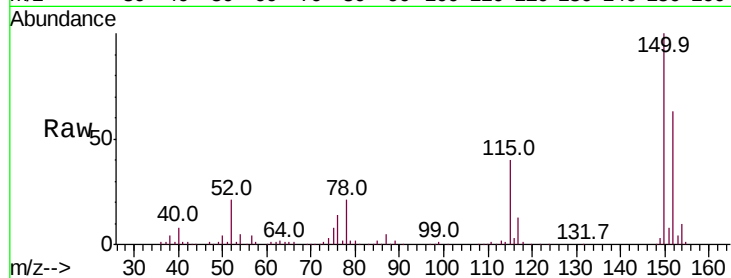




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD061145.D
 Acq: 18 Mar 2019 15:09

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-031519-BRE

Tot Ion:152 Resp: 303243
 Ion Ratio Lower Upper
 152 100
 115 62.9 28.6 85.9
 150 157.9 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

