

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061174.D
 Acq On : 19 Mar 2019 6:25
 Operator : VA/AP
 Sample : K1970-10
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-10-W.WALL-NORTH

Quant Time: Mar 19 08:53:50 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

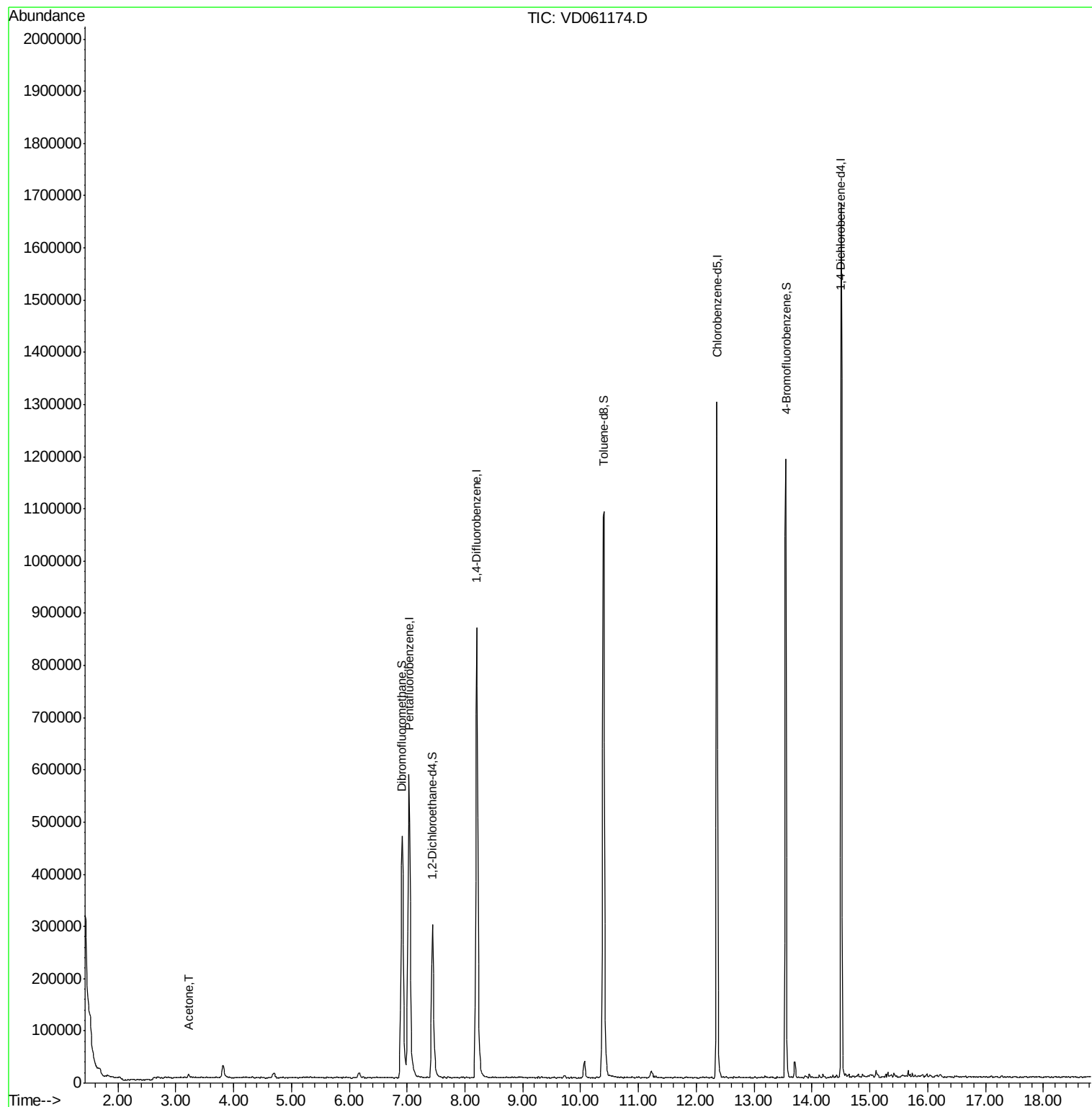
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	590848	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	1087327	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	880371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	404909	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	297337	60.46	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	120.92%	
35) Dibromofluoromethane	6.91	113	449222	55.67	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	111.34%	
50) Toluene-d8	10.40	98	965995	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
62) 4-Bromofluorobenzene	13.55	95	399457	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
Target Compounds						
16) Acetone	3.22	43	7913	5.626	ug/l #	84

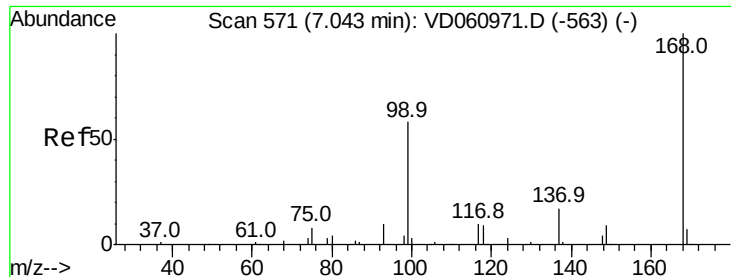
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.03 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061174.D

Acq: 19 Mar 2019 6:25

Instrument :

MSVOA_D

ClientSampleId :

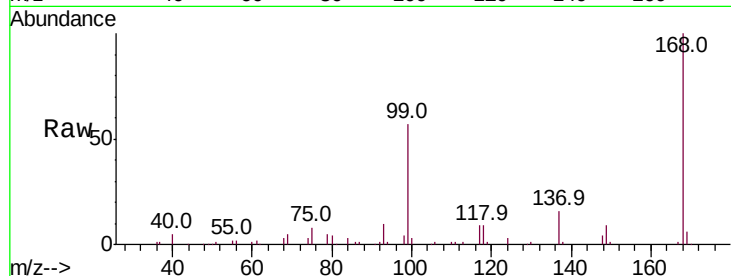
P-10-W.WALL-NORTH

Tot Ion:168 Resp: 590848

Ion Ratio Lower Upper

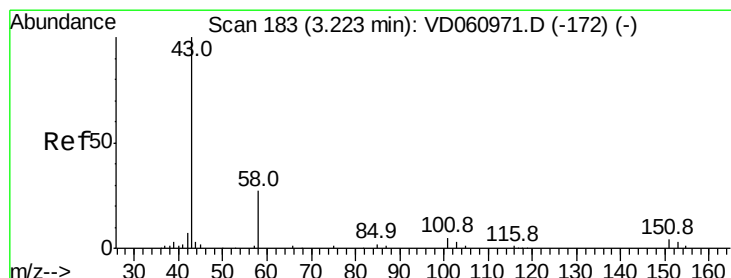
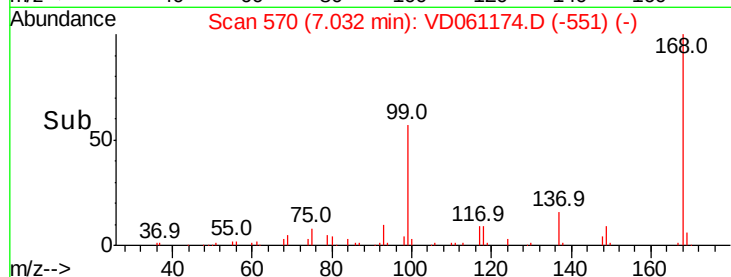
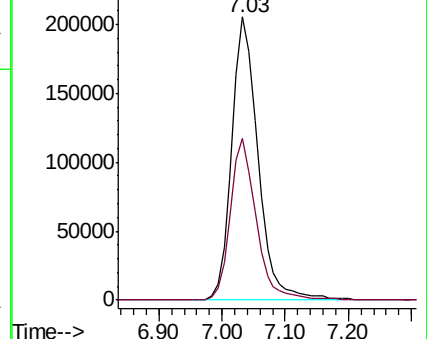
168 100

99 57.0 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 5.626 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061174.D

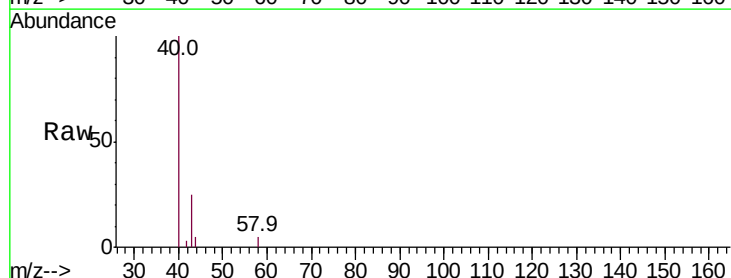
Acq: 19 Mar 2019 6:25

Tgt Ion: 43 Resp: 7913

Ion Ratio Lower Upper

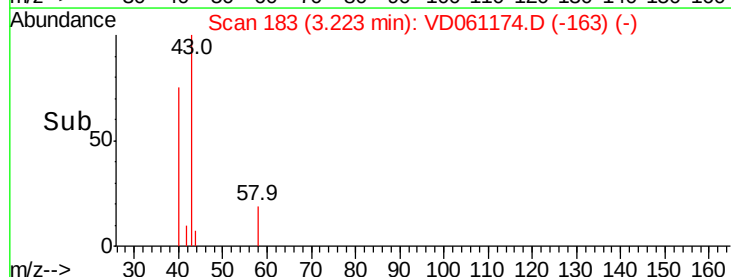
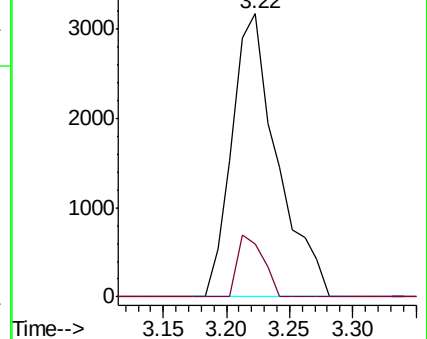
43 100

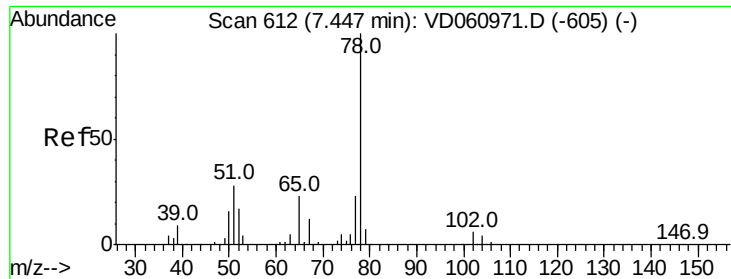
58 18.6 21.6 32.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

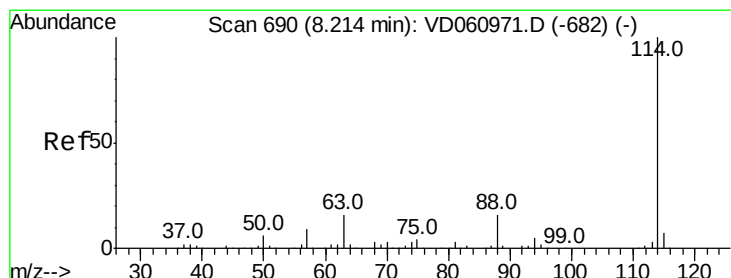
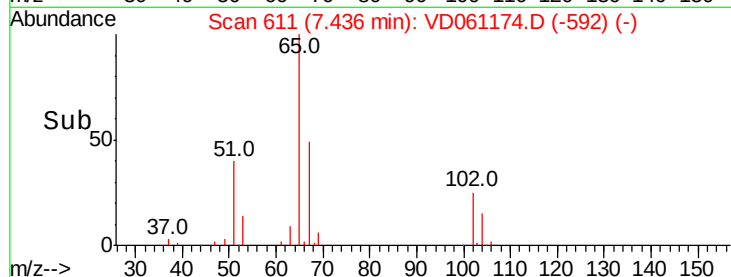
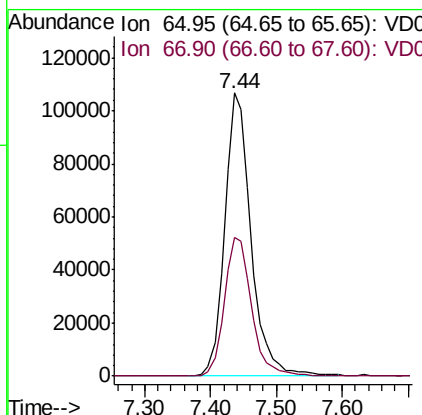
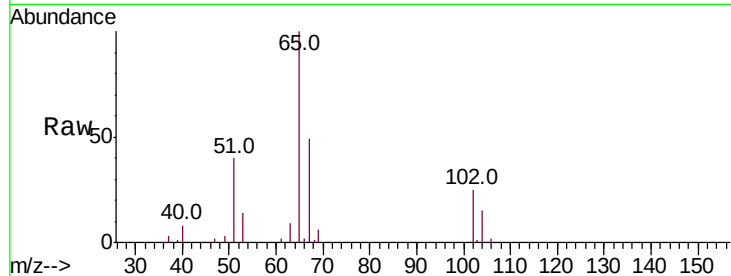




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: VD061174.D
 Acq: 19 Mar 2019 6:25

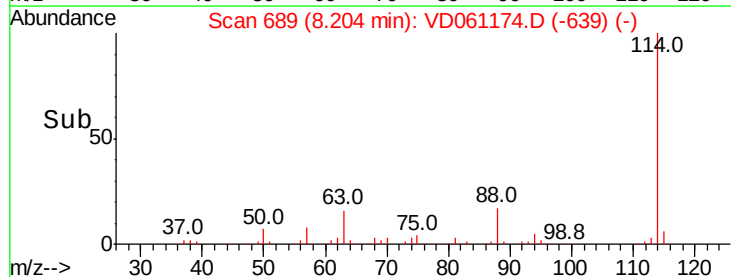
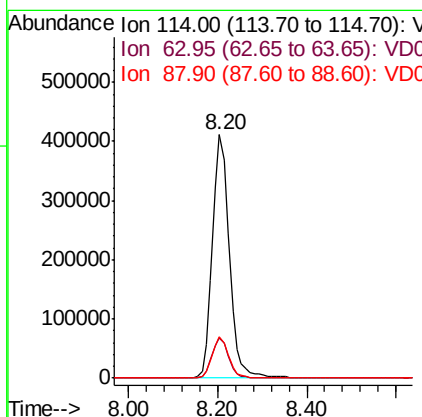
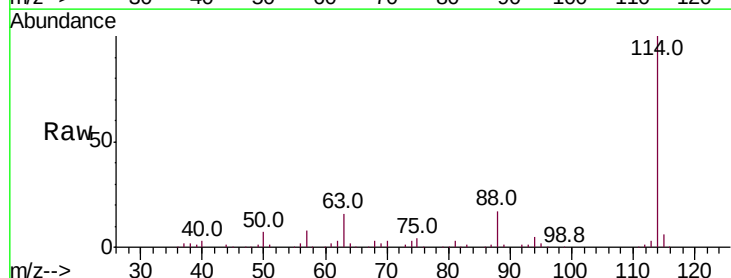
Instrument :
 MSVOA_D
 ClientSampleId :
 P-10-W.WALL-NORTH

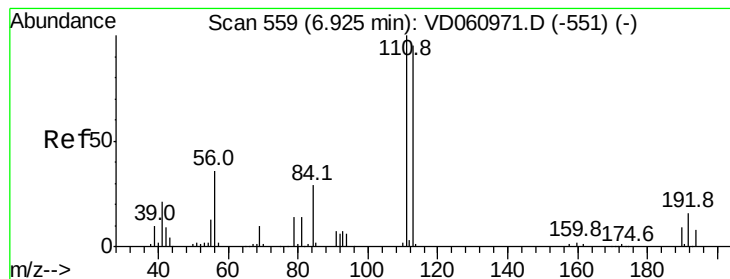
Tot Ion: 65 Resp: 297337
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD061174.D
 Acq: 19 Mar 2019 6:25

Tgt Ion: 114 Resp: 1087327
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 31.4
 88 16.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD061174.D

Acq: 19 Mar 2019 6:25

Instrument :

MSVOA_D

ClientSampleId :

P-10-W.WALL-NORTH

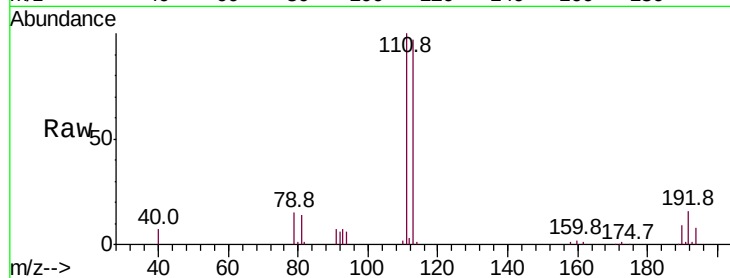
Tot Ion:113 Resp: 449222

Ion Ratio Lower Upper

113 100

111 103.3 84.2 126.4

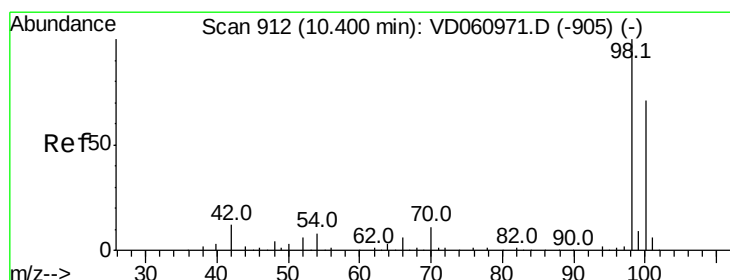
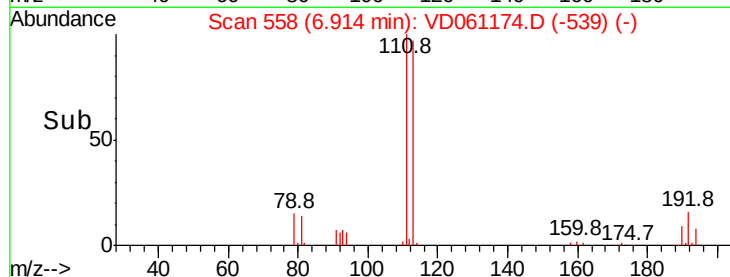
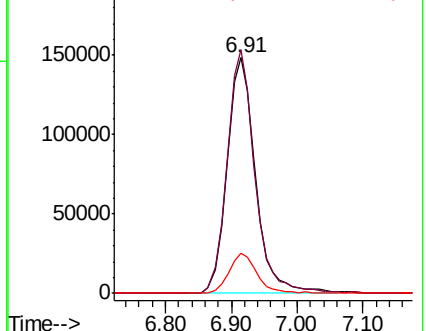
192 16.9 13.1 19.7



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: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD061174.D

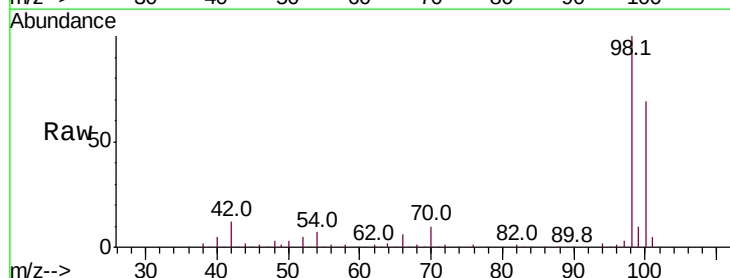
Acq: 19 Mar 2019 6:25

Tgt Ion: 98 Resp: 965995

Ion Ratio Lower Upper

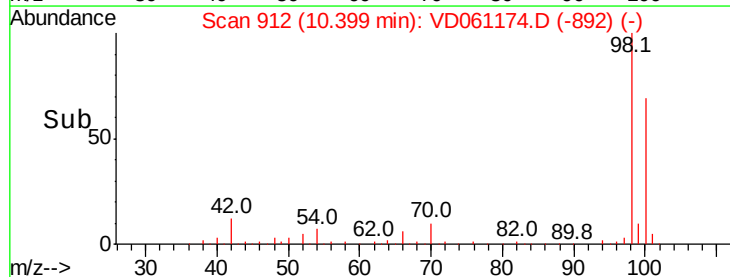
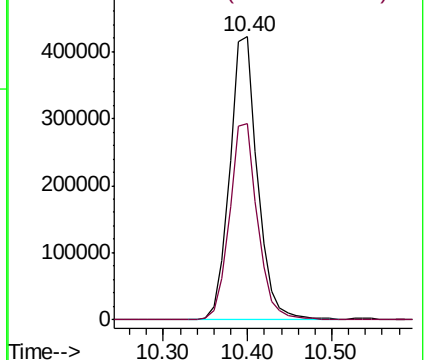
98 100

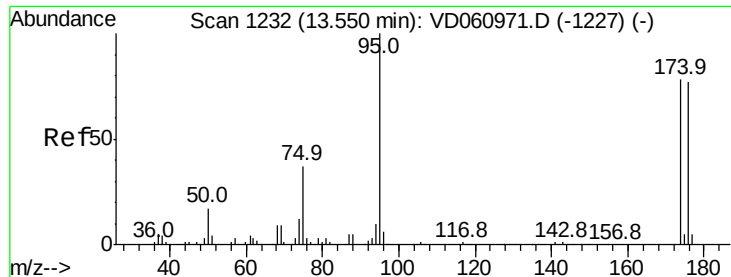
100 69.2 57.4 86.2



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: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061174.D

Acq: 19 Mar 2019 6:25

Instrument :

MSVOA_D

ClientSampleId :

P-10-W.WALL-NORTH

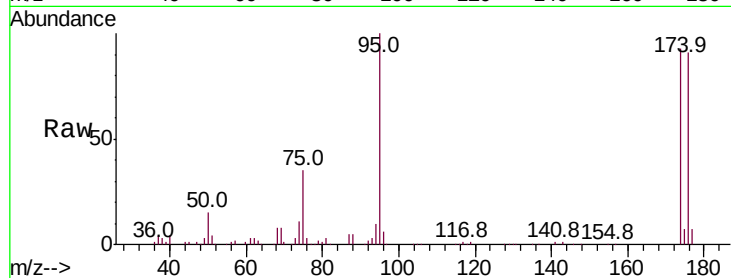
Tot Ion: 95 Resp: 399457

Ion Ratio Lower Upper

95 100

174 93.1 0.0 155.6

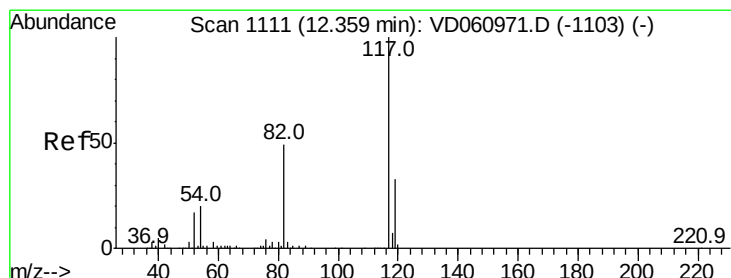
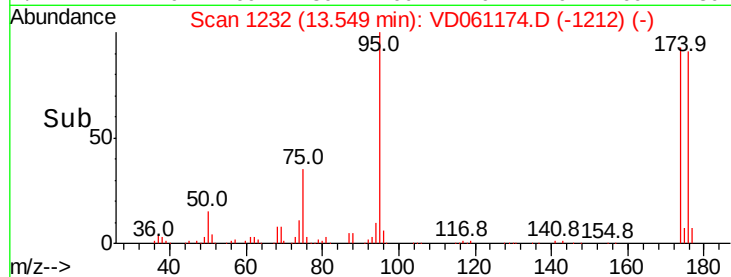
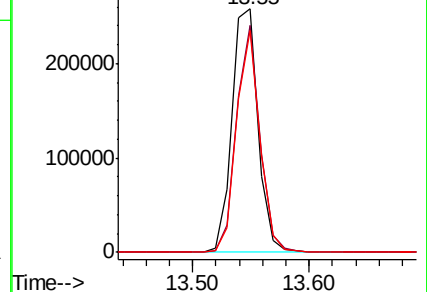
176 91.0 0.0 153.8



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: VD061174.D

Acq: 19 Mar 2019 6:25

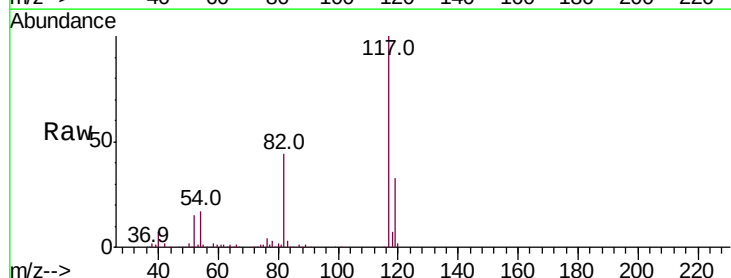
Tgt Ion: 117 Resp: 880371

Ion Ratio Lower Upper

117 100

82 44.4 38.9 58.3

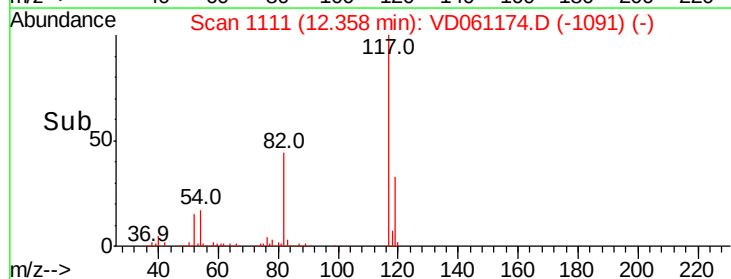
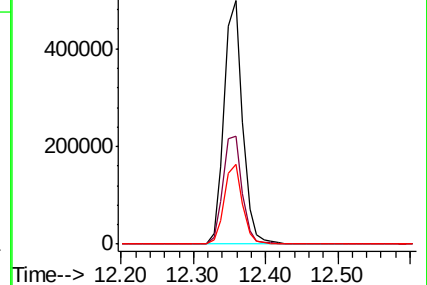
119 32.9 26.6 39.8

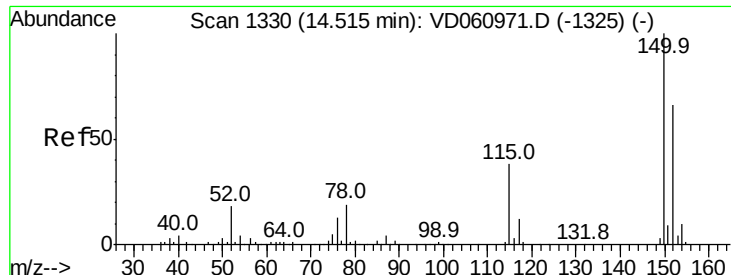


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



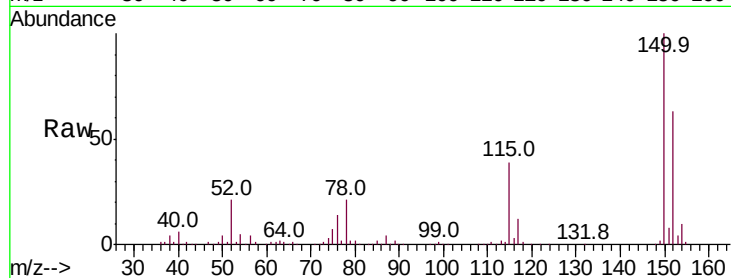


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.50 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD061174.D
 Acq: 19 Mar 2019 6:25

Instrument :
 MSVOA_D
 ClientSampleId :
 P-10-W.WALL-NORTH

Tot Ion:152 Resp: 404909
 Ion Ratio Lower Upper
 152 100
 115 61.6 28.6 85.9
 150 159.2 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

