

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061143.D
 Acq On : 18 Mar 2019 14:14
 Operator : VA/AP
 Sample : K1685-03
 Misc : 5.62g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-05-031419-B

Quant Time: Mar 19 04:02:34 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

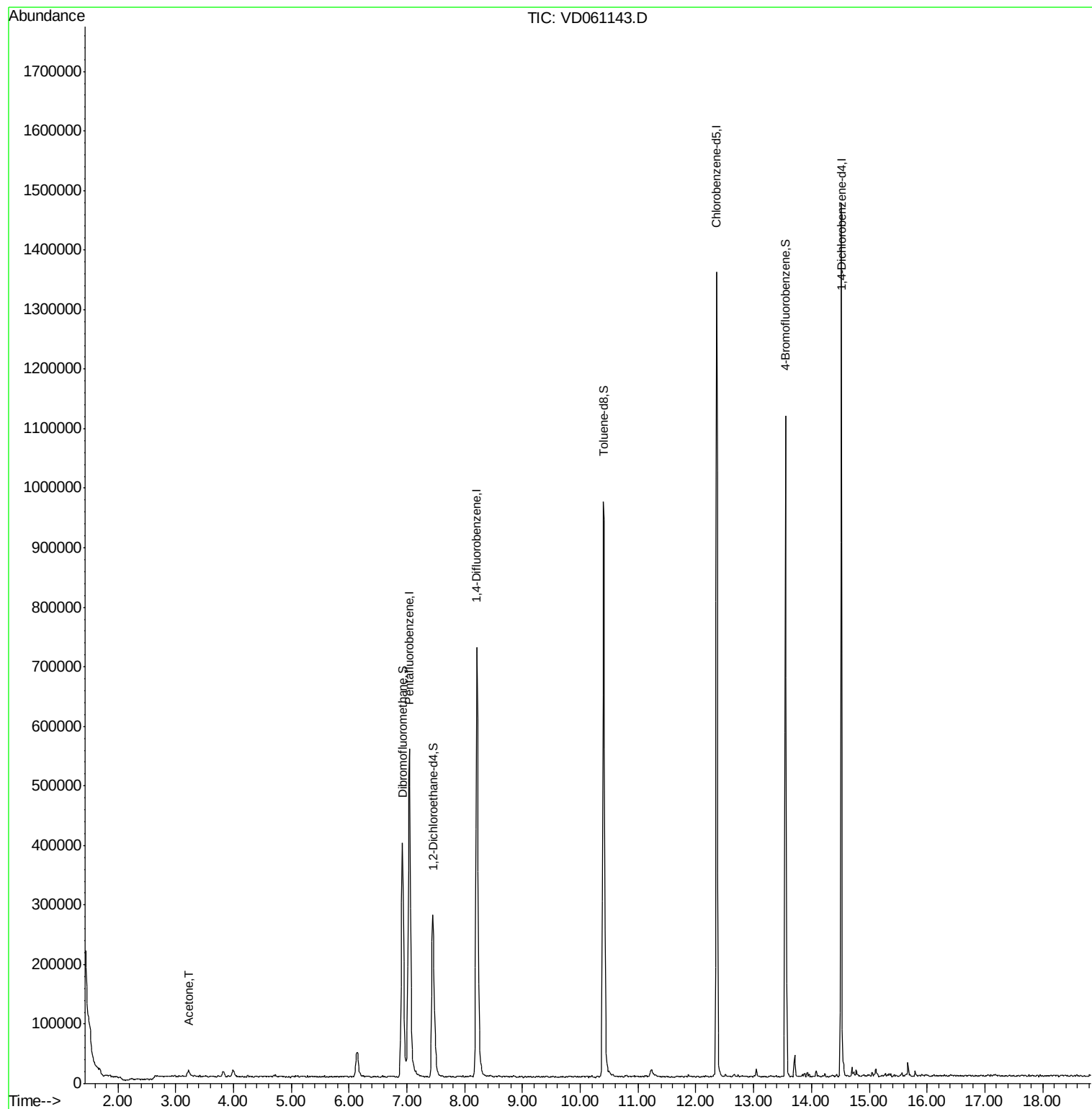
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	601227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	990151	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	860737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	331507	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	268036	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.12%	
35) Dibromofluoromethane	6.91	113	409634	55.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.50%	
50) Toluene-d8	10.40	98	896542	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	13.55	95	346365	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
Target Compounds						
16) Acetone	3.22	43	17262	12.062	ug/l #	Qvalue 86

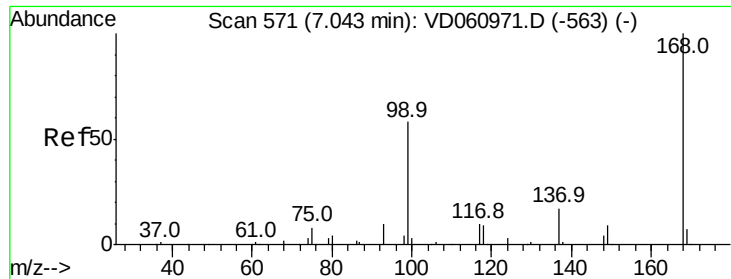
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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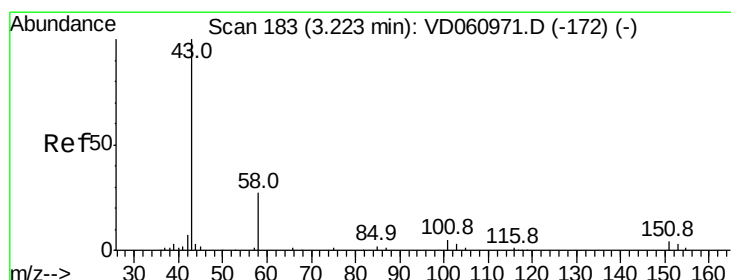
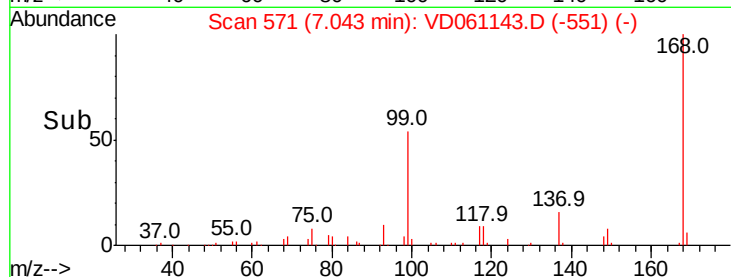
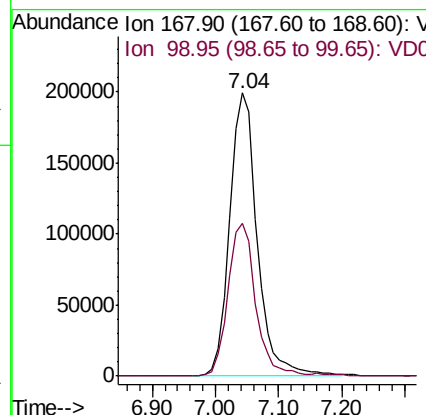
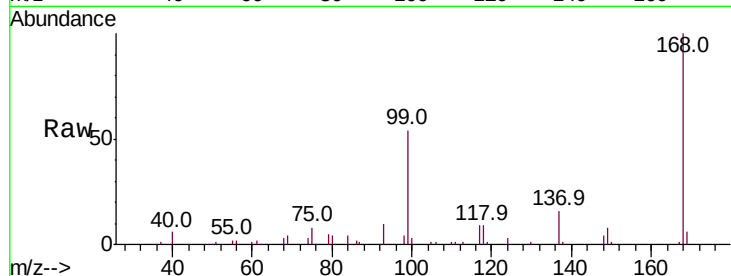




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.00 min
Lab File: VD061143.D
Acq: 18 Mar 2019 14:14

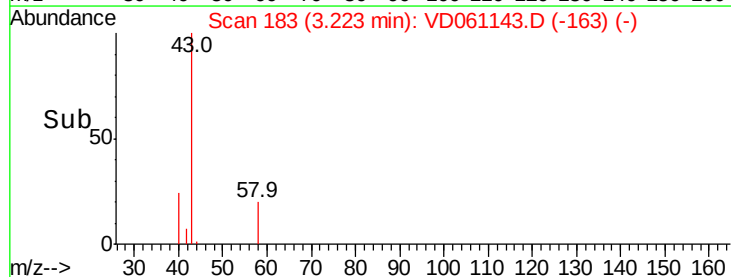
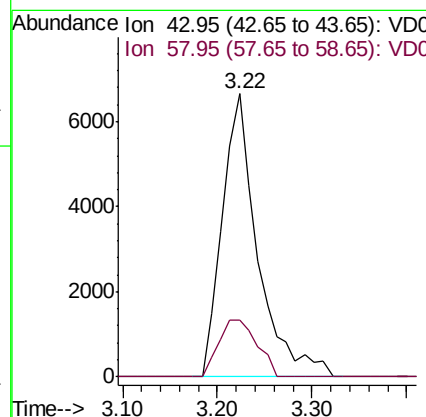
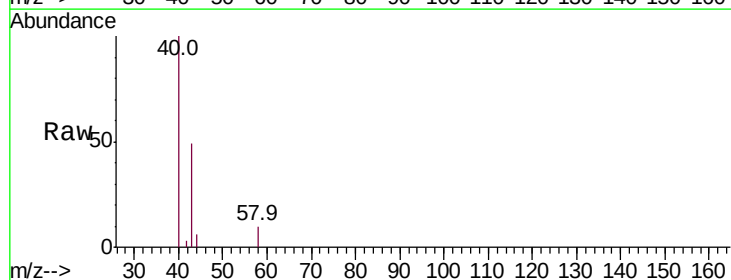
Instrument :
MSVOA_D
ClientSampleId :
AU-05-031419-B

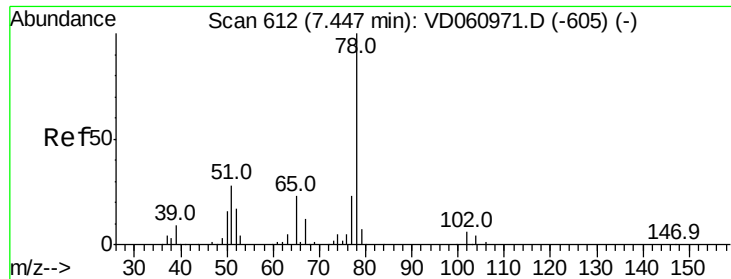
Tot Ion:168 Resp: 601227
Ion Ratio Lower Upper
168 100
99 53.8 47.3 70.9



#16
Acetone
Concen: 12.062 ug/l
RT: 3.22 min Scan# 183
Delta R.T. 0.00 min
Lab File: VD061143.D
Acq: 18 Mar 2019 14:14

Tgt Ion: 43 Resp: 17262
Ion Ratio Lower Upper
43 100
58 19.9 21.6 32.4#

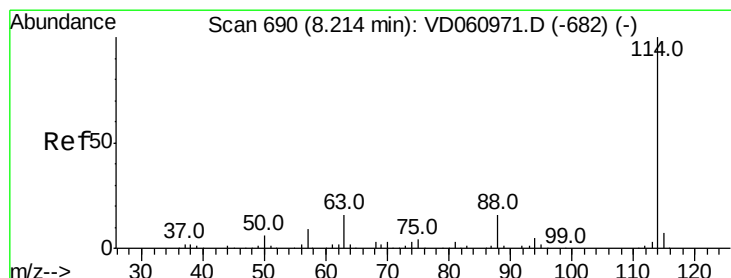
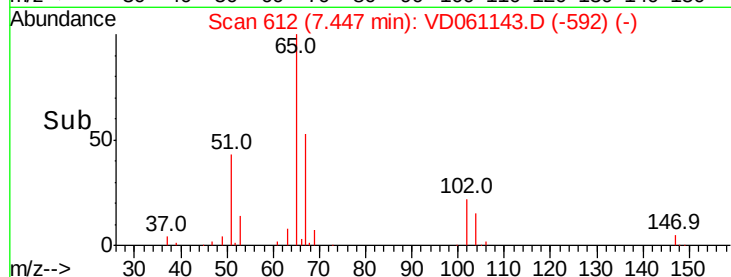
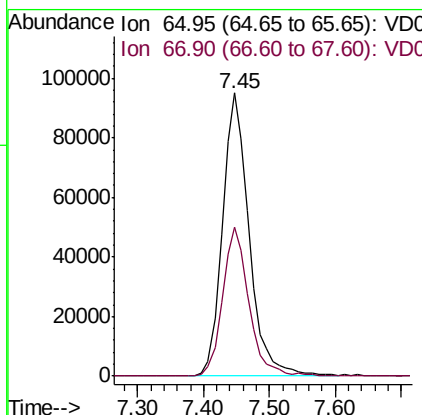
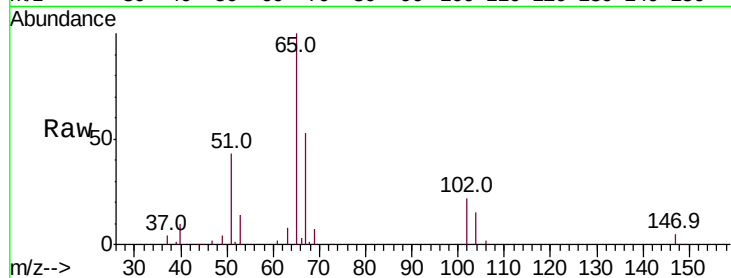




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VD061143.D
 Acq: 18 Mar 2019 14:14

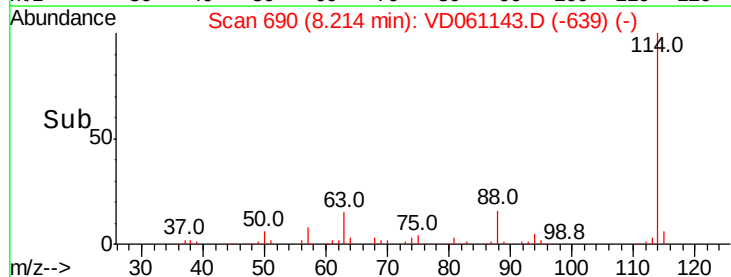
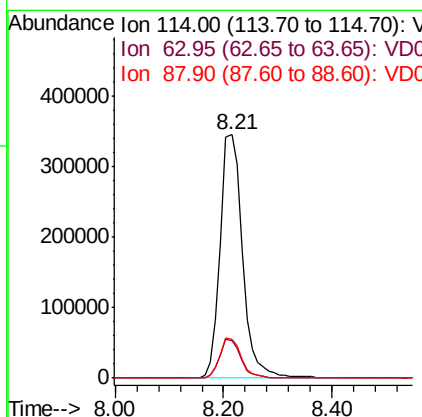
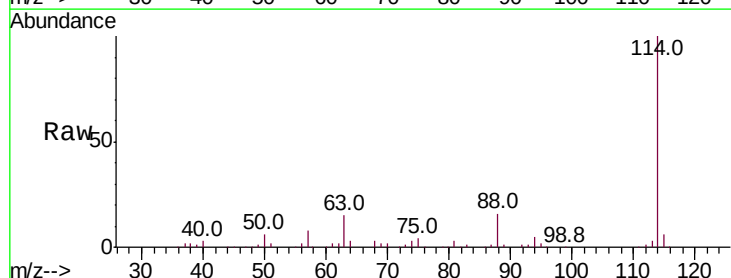
Instrument :
 MSVOA_D
 ClientSampleId :
 AU-05-031419-B

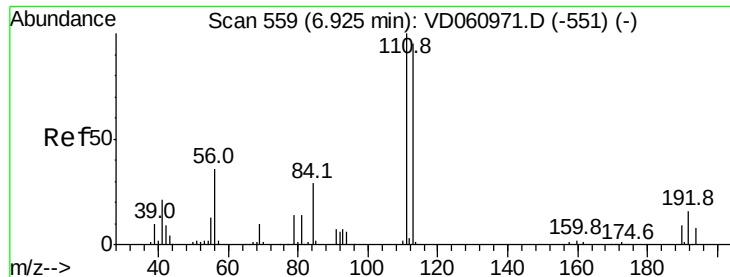
Tot Ion: 65 Resp: 268036
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD061143.D
 Acq: 18 Mar 2019 14:14

Tgt Ion: 114 Resp: 990151
 Ion Ratio Lower Upper
 114 100
 63 15.2 0.0 31.4
 88 16.0 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: VD061143.D

Acq: 18 Mar 2019 14:14

Instrument :

MSVOA_D

ClientSampleId :

AU-05-031419-B

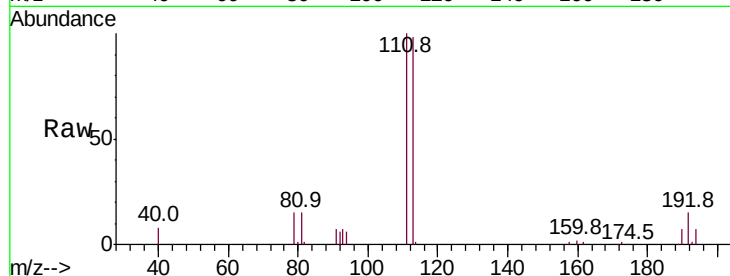
Tot Ion:113 Resp: 409634

Ion Ratio Lower Upper

113 100

111 101.8 84.2 126.4

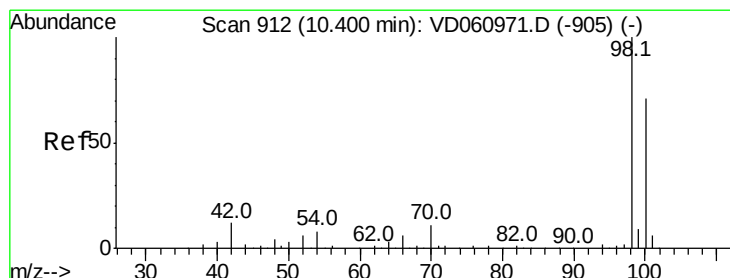
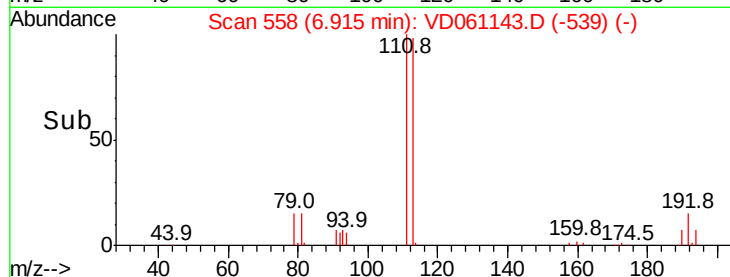
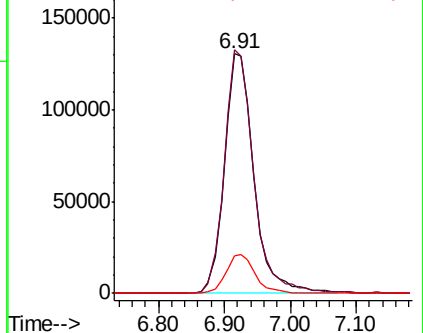
192 15.6 13.1 19.7



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: VD061143.D

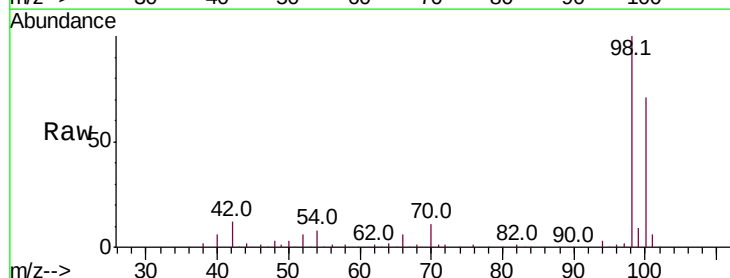
Acq: 18 Mar 2019 14:14

Tgt Ion: 98 Resp: 896542

Ion Ratio Lower Upper

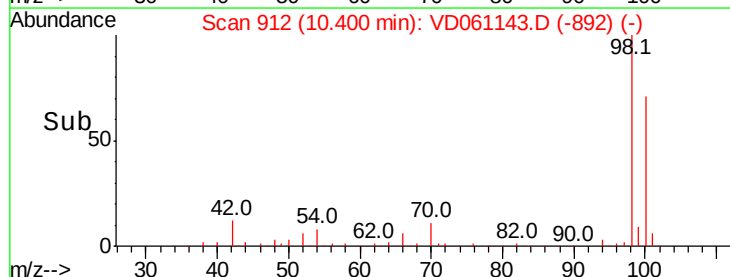
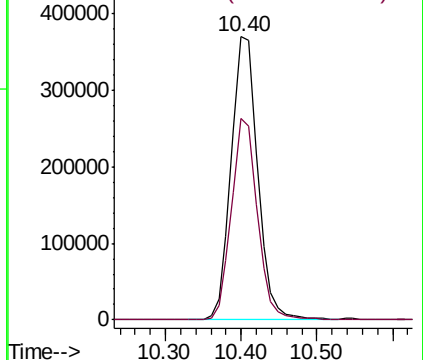
98 100

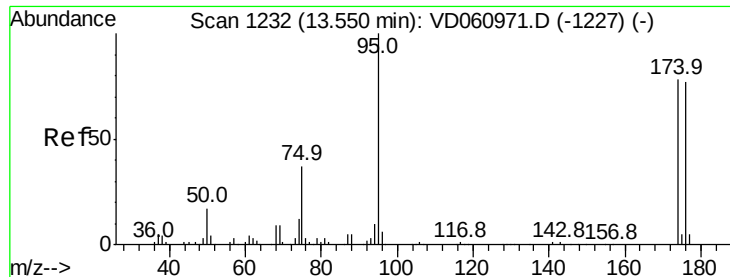
100 71.1 57.4 86.2



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: VD061143.D

Acq: 18 Mar 2019 14:14

Instrument :

MSVOA_D

ClientSampleId :

AU-05-031419-B

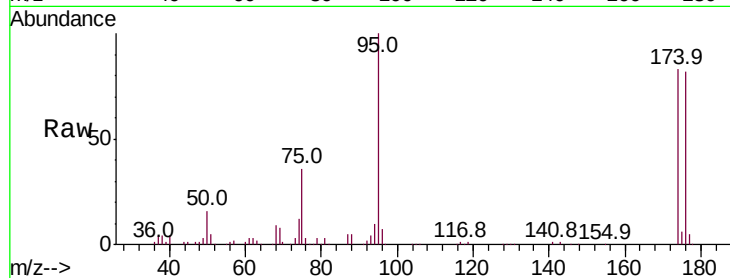
Tot Ion: 95 Resp: 346365

Ion Ratio Lower Upper

95 100

174 82.5 0.0 155.6

176 81.9 0.0 153.8



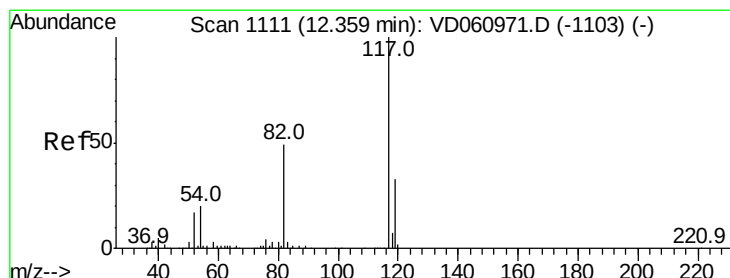
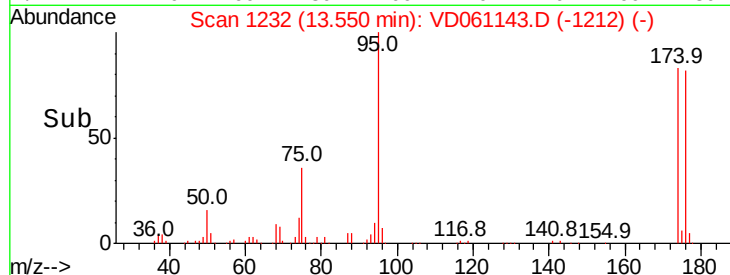
Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

13.55

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD061143.D

Acq: 18 Mar 2019 14:14

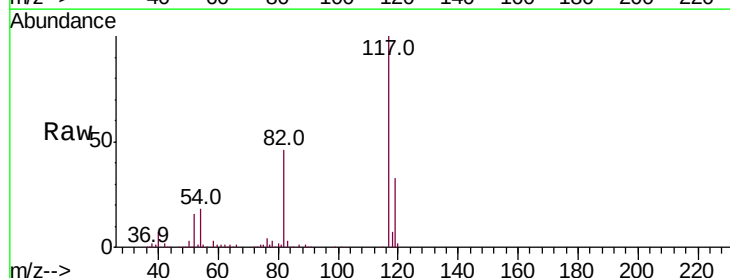
Tgt Ion: 117 Resp: 860737

Ion Ratio Lower Upper

117 100

82 46.1 38.9 58.3

119 32.6 26.6 39.8



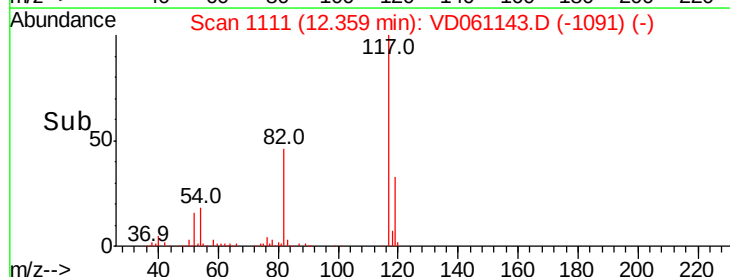
Abundance Ion 116.95 (116.65 to 117.65): V

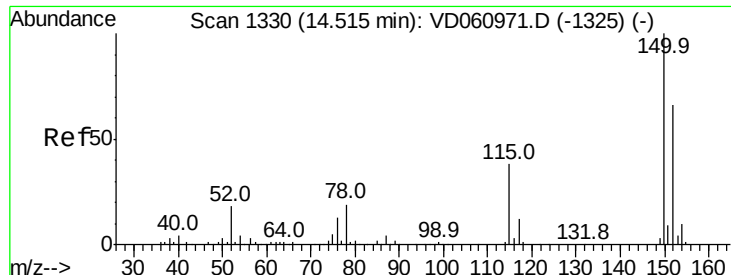
Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

12.36

Time-->

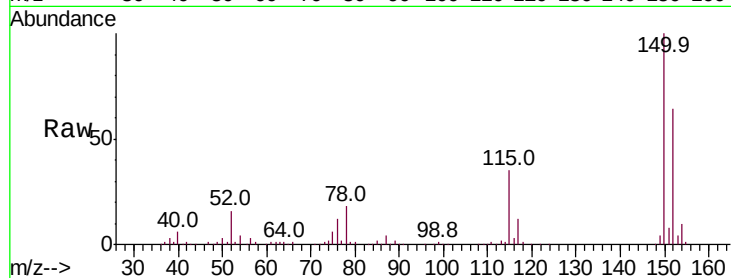




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD061143.D
 Acq: 18 Mar 2019 14:14

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-05-031419-B

Tot Ion:152 Resp: 331507
 Ion Ratio Lower Upper
 152 100
 115 54.5 28.6 85.9
 150 155.9 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

