

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041919\
 Data File : VD061915.D
 Acq On : 19 Apr 2019 17:41
 Operator : VA/AP
 Sample : K2422-11
 Misc : 6.48g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-S

Quant Time: Apr 19 18:06:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

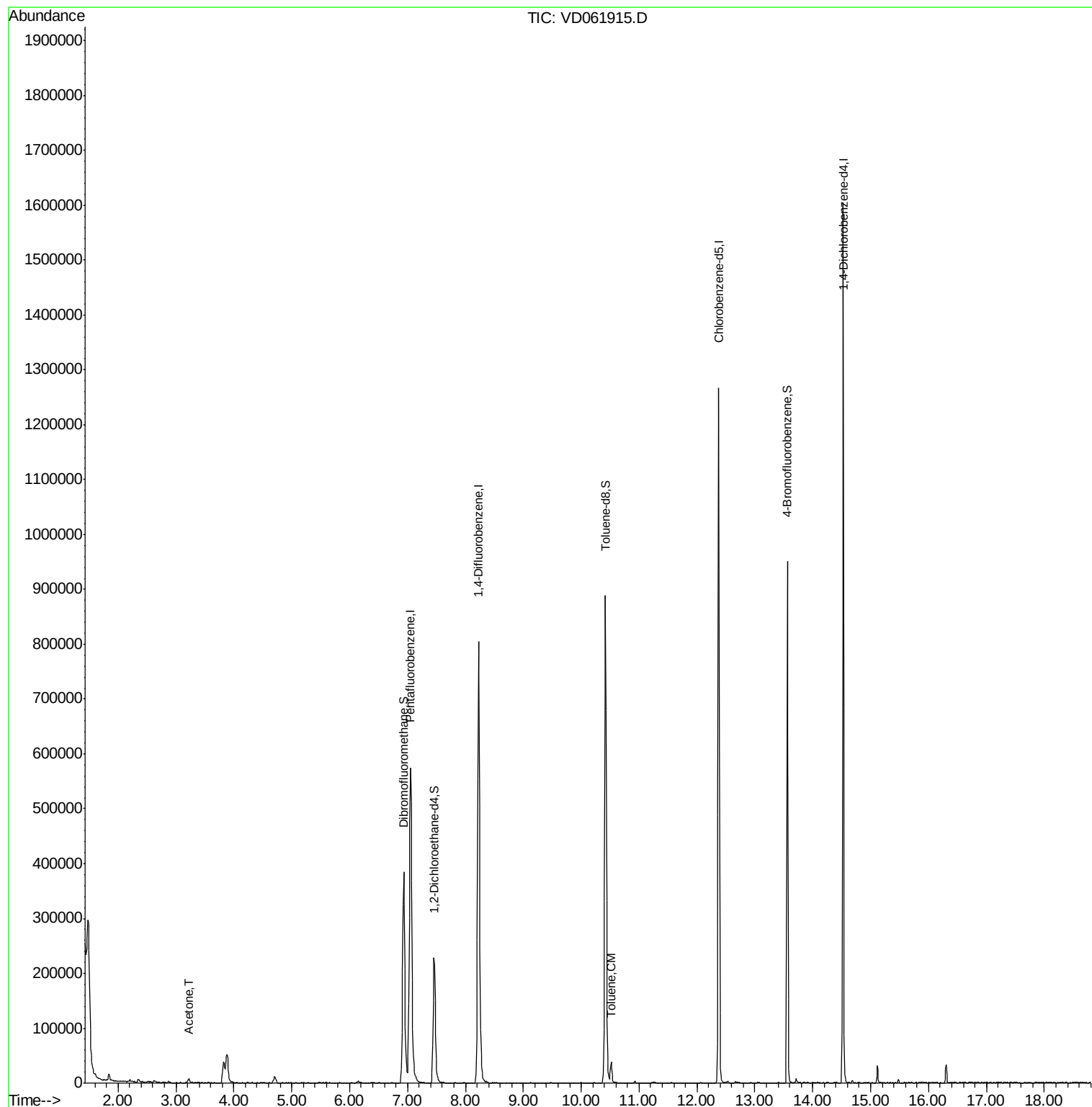
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	603970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	963268	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	833873	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	352962	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	229235	45.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.58%	
35) Dibromofluoromethane	6.93	113	349807	48.07	ug/l	0.01
Spiked Amount 50.000			Recovery	=	96.14%	
50) Toluene-d8	10.42	98	745854	43.25	ug/l	0.01
Spiked Amount 50.000			Recovery	=	86.50%	
62) 4-Bromofluorobenzene	13.56	95	286565	41.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.00%	
Target Compounds						
16) Acetone	3.22	43	14201	11.383	ug/l	99
52) Toluene	10.52	92	21014	1.735	ug/l	94

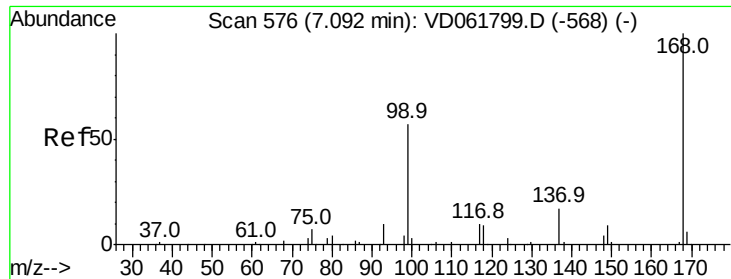
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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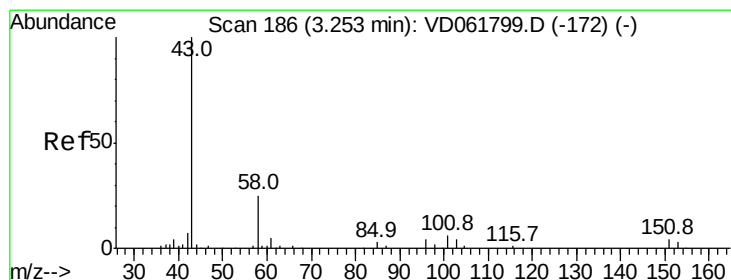
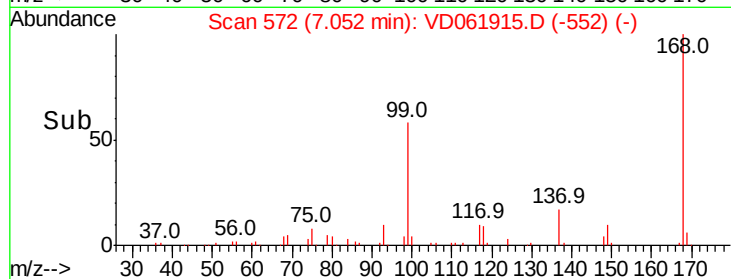
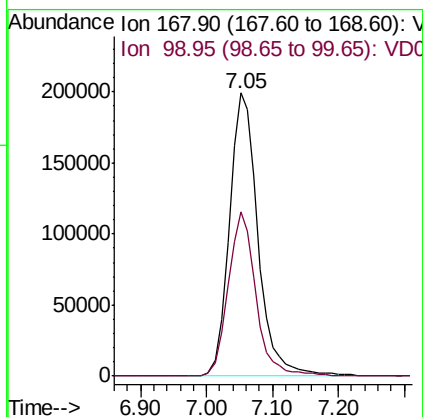
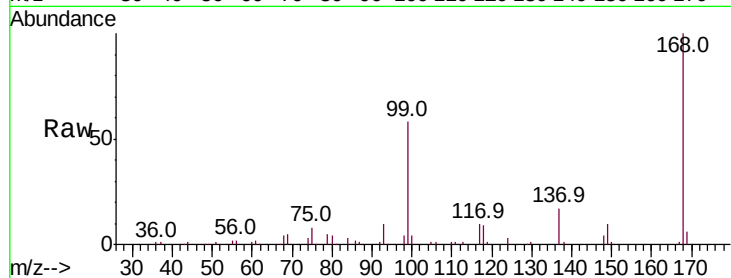




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.00 min
Lab File: VD061915.D
Acq: 19 Apr 2019 17:41

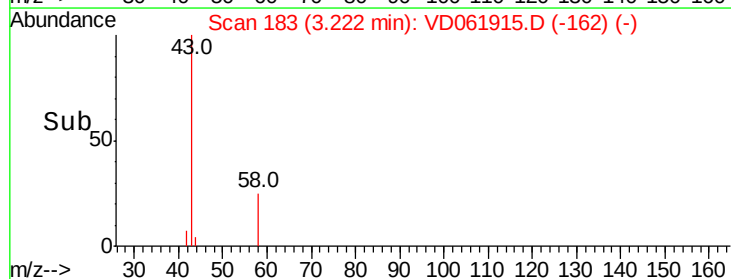
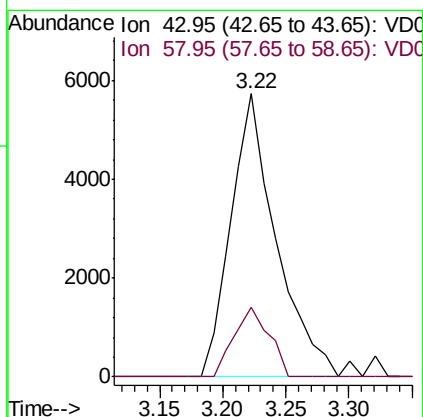
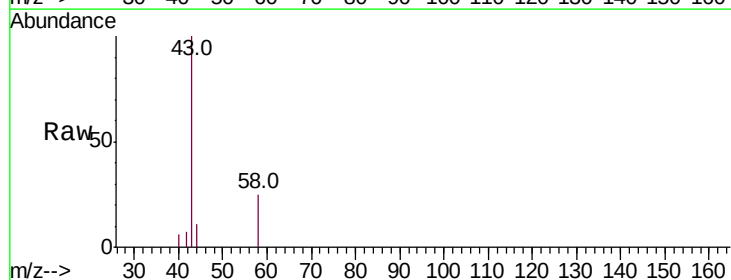
Instrument :
MSVOA_D
ClientSampleId :
TP3-S

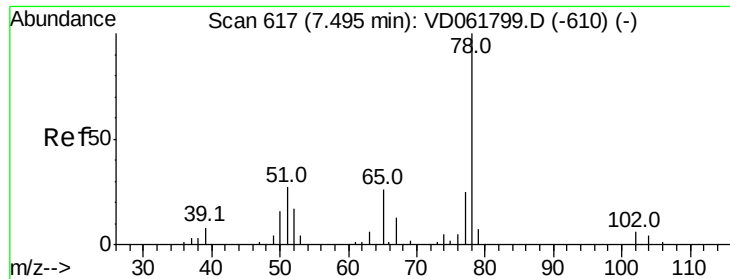
Tot Ion:168 Resp: 603970
Ion Ratio Lower Upper
168 100
99 58.1 46.5 69.7



#16
Acetone
Concen: 11.383 ug/l
RT: 3.22 min Scan# 183
Delta R.T. 0.01 min
Lab File: VD061915.D
Acq: 19 Apr 2019 17:41

Tgt Ion: 43 Resp: 14201
Ion Ratio Lower Upper
43 100
58 24.6 19.9 29.9

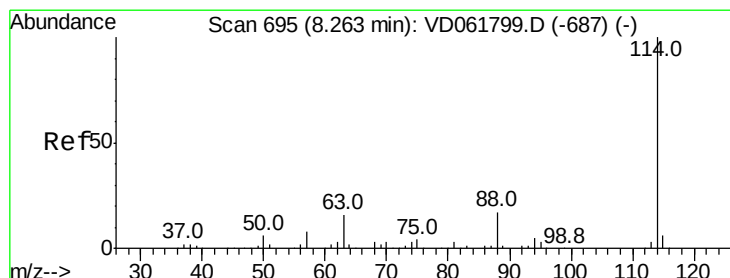
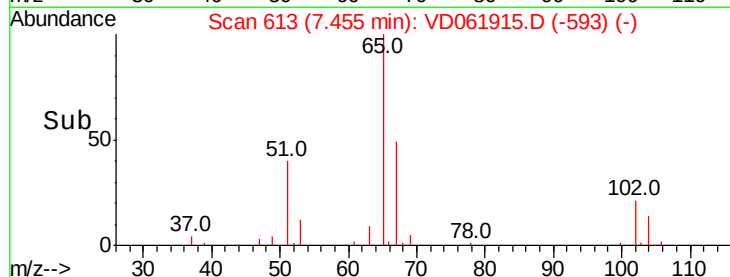
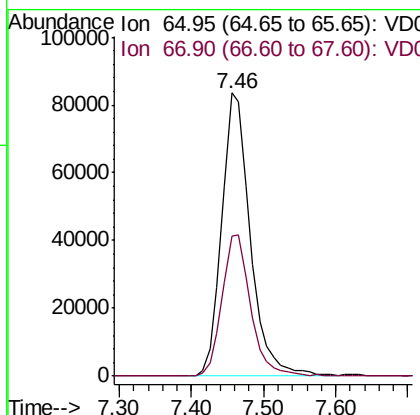
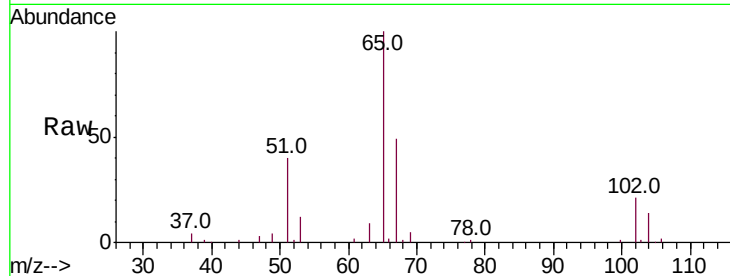




#33
 1,2-Dichloroethane-d4
 Concen: 45.287 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VD061915.D
 Acq: 19 Apr 2019 17:41

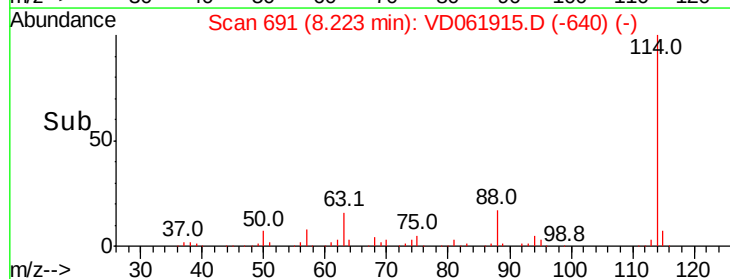
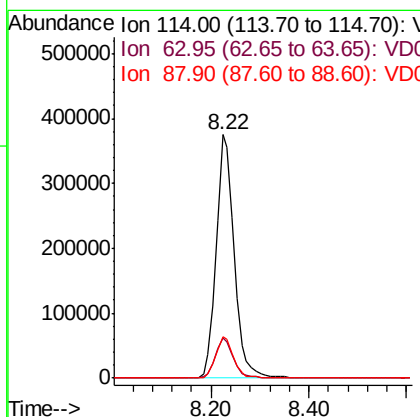
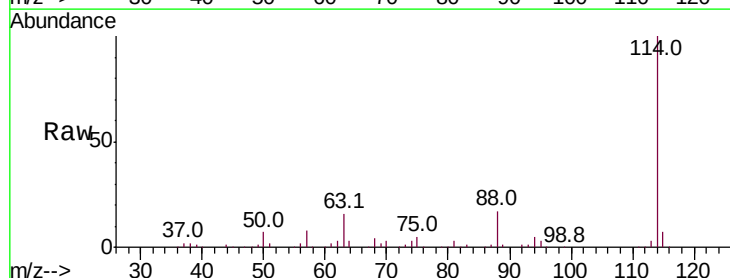
Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-S

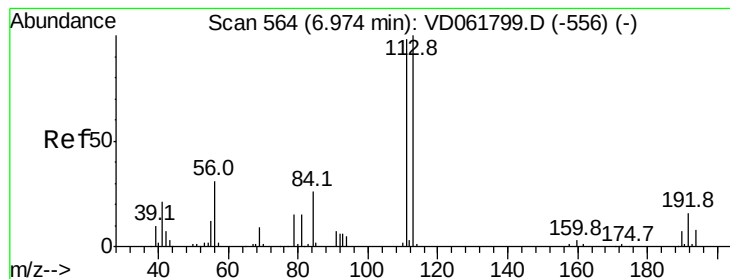
Tot Ion: 65 Resp: 229235
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: VD061915.D
 Acq: 19 Apr 2019 17:41

Tgt Ion: 114 Resp: 963268
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 32.4
 88 16.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 48.067 ug/l

RT: 6.93 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD061915.D

Acq: 19 Apr 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

TP3-S

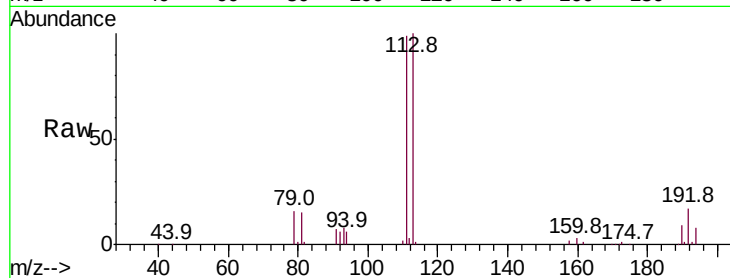
Tot Ion:113 Resp: 349807

Ion Ratio Lower Upper

113 100

111 99.0 78.5 117.7

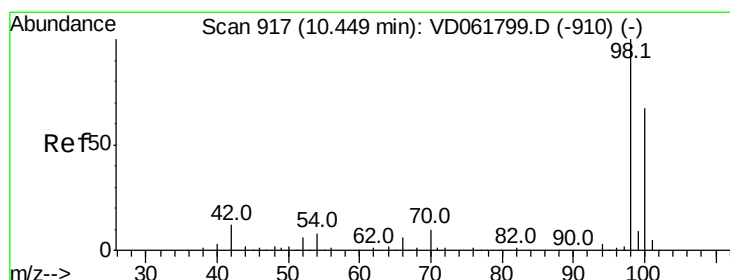
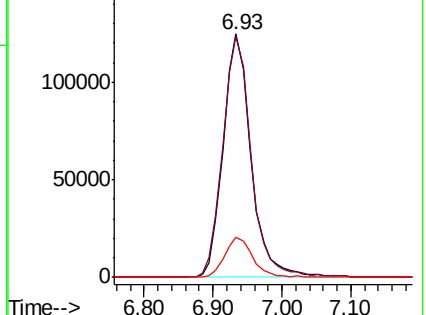
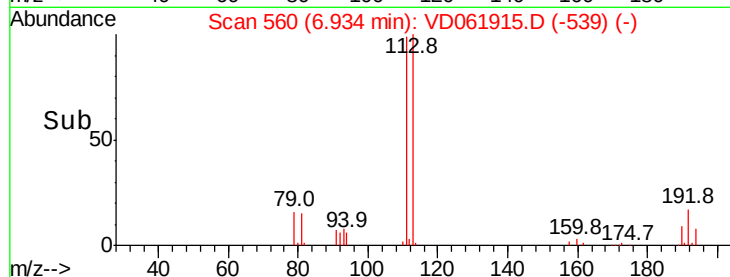
192 16.6 13.0 19.4



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: 43.254 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD061915.D

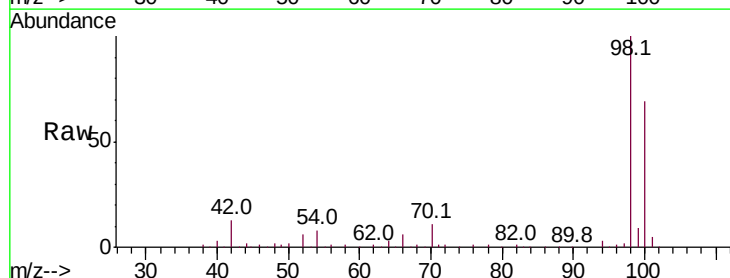
Acq: 19 Apr 2019 17:41

Tgt Ion: 98 Resp: 745854

Ion Ratio Lower Upper

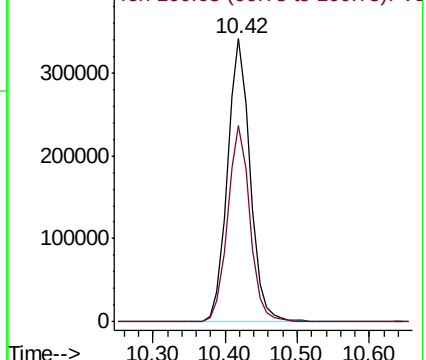
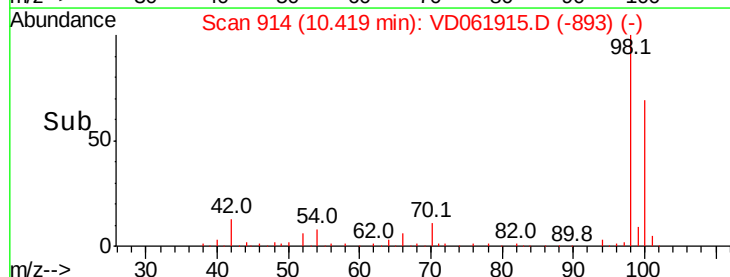
98 100

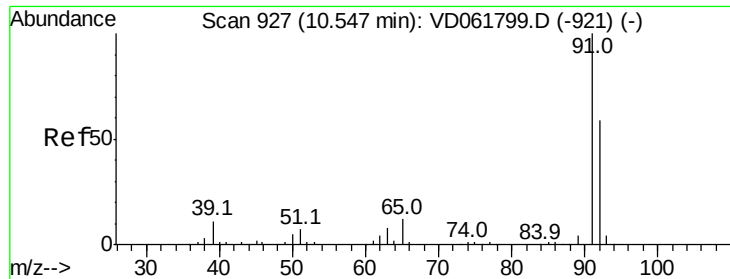
100 69.3 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 1.735 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.01 min

Lab File: VD061915.D

Acq: 19 Apr 2019 17:41

Instrument :

MSVOA_D

ClientSampleId :

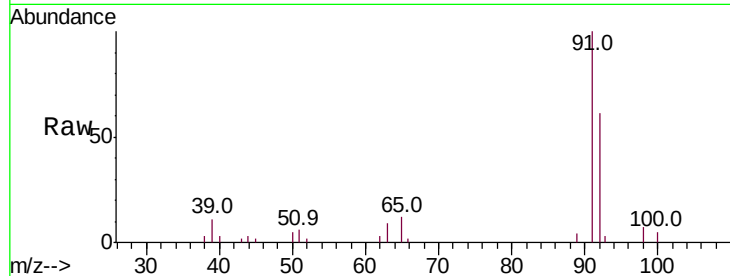
TP3-S

Tot Ion: 92 Resp: 21014

Ion Ratio Lower Upper

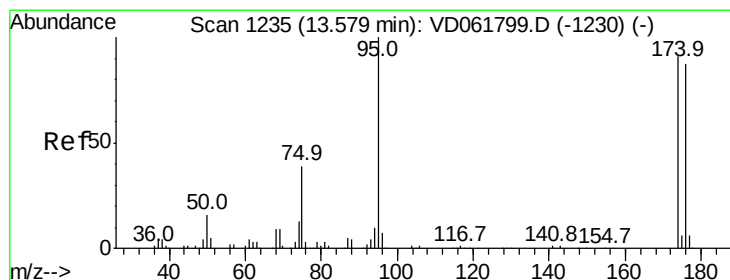
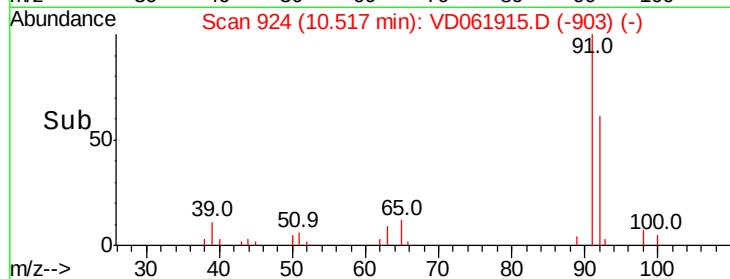
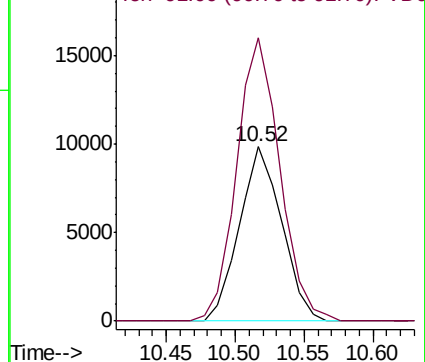
92 100

91 162.6 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 41.002 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD061915.D

Acq: 19 Apr 2019 17:41

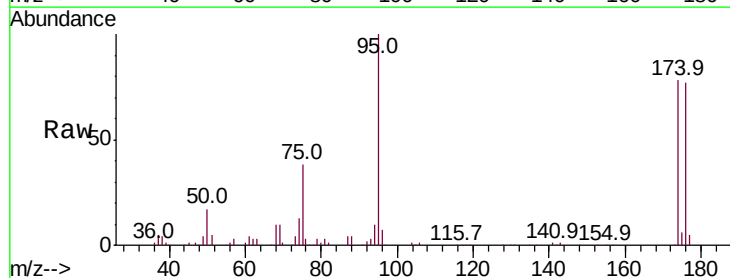
Tgt Ion: 95 Resp: 286565

Ion Ratio Lower Upper

95 100

174 77.7 0.0 181.8

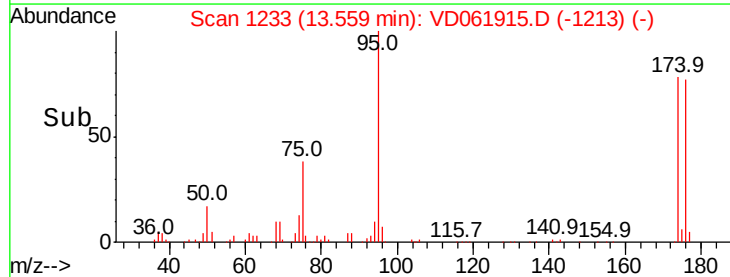
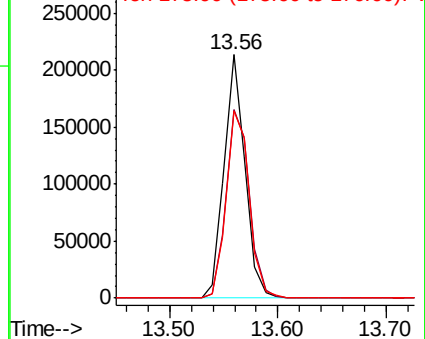
176 77.0 0.0 174.4

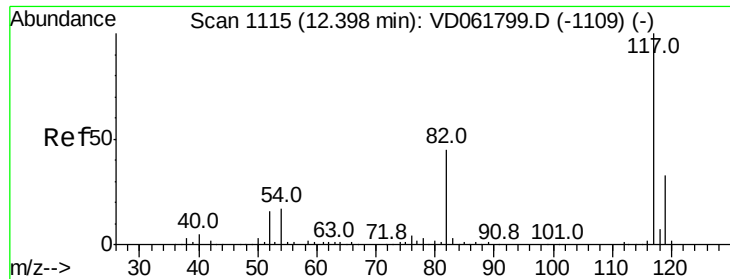


Abundance Ion 95.00 (94.70 to 95.70): VDC

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: 12.38 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VD061915.D

Acq: 19 Apr 2019 17:41

Instrument :

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ClientSampleId :

TP3-S

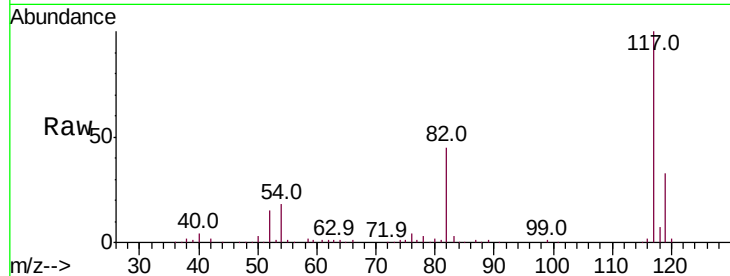
Tot Ion:117 Resp: 833873

Ion Ratio Lower Upper

117 100

82 45.3 36.2 54.2

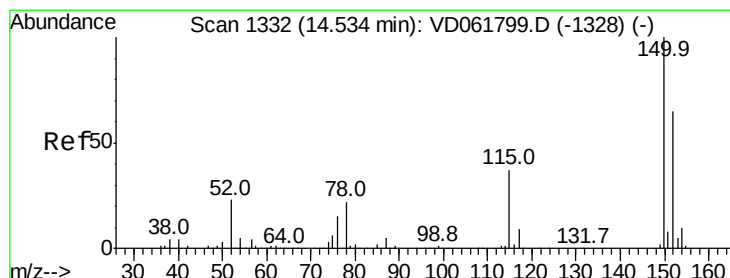
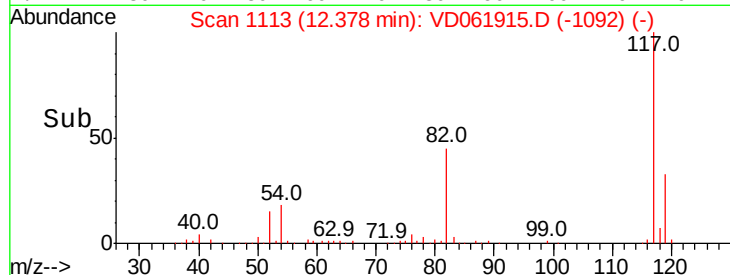
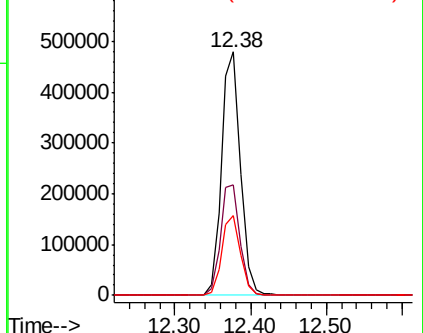
119 32.8 26.2 39.4



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# 1331

Delta R.T. 0.00 min

Lab File: VD061915.D

Acq: 19 Apr 2019 17:41

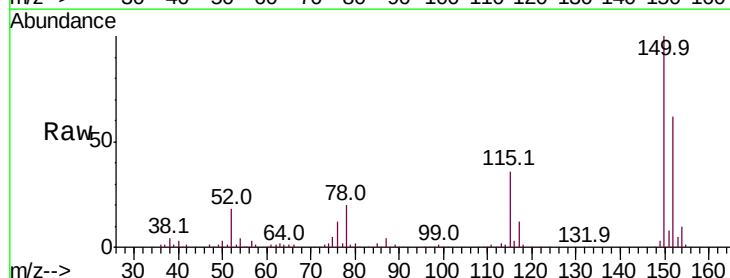
Tgt Ion:152 Resp: 352962

Ion Ratio Lower Upper

152 100

115 57.5 30.9 92.7

150 160.2 0.0 314.8



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

