

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042219\
 Data File : VD061939.D
 Acq On : 22 Apr 2019 15:26
 Operator : VA/AP
 Sample : K2201-05
 Misc : 6.77g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-041819-C

Quant Time: Apr 23 00:01:46 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

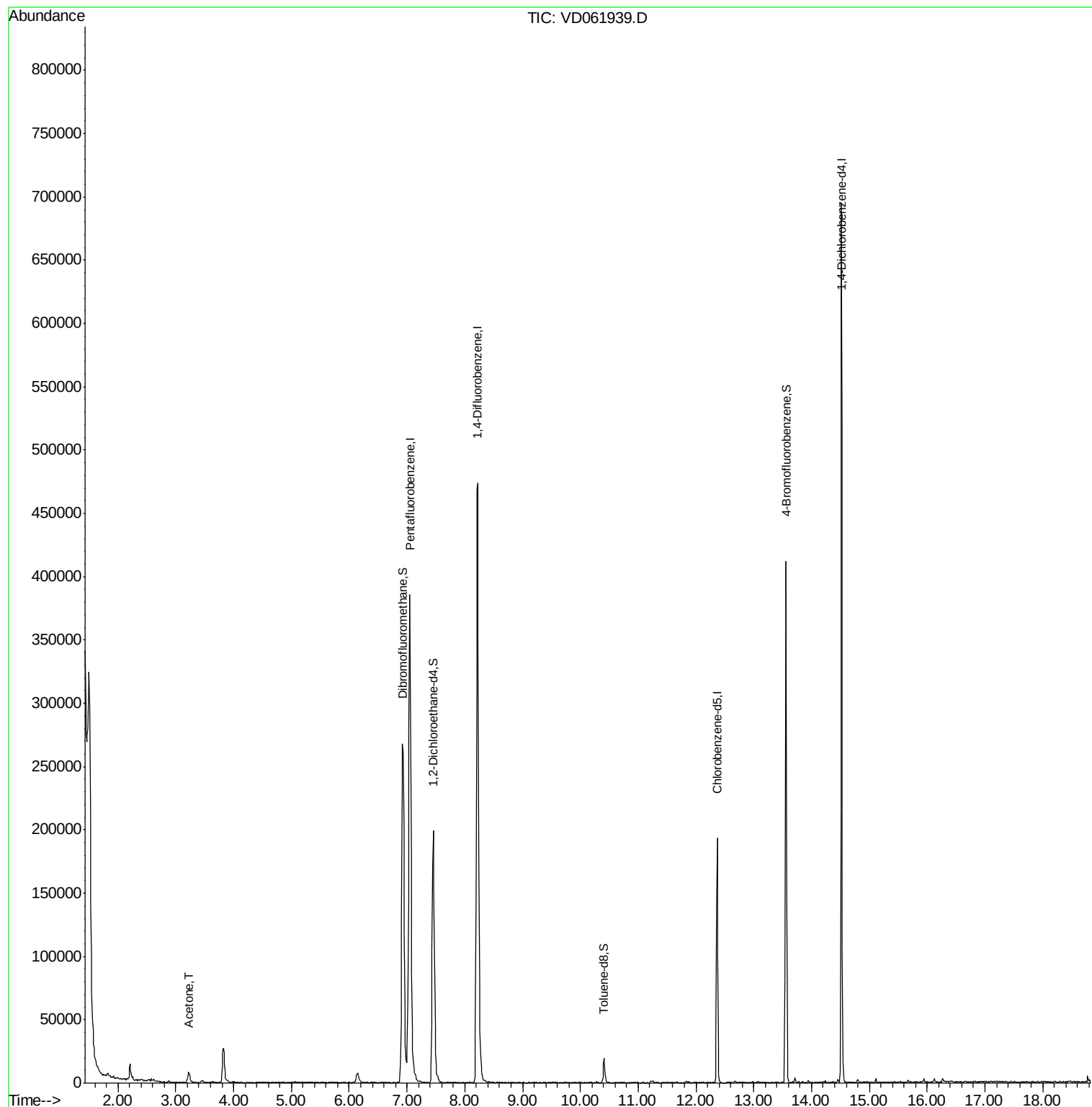
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	411079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	613694	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	117559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	164818	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	198754	57.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.38%	
35) Dibromofluoromethane	6.92	113	276804	59.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.40%	
50) Toluene-d8	10.41	98	18060	1.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	3.28%	
62) 4-Bromofluorobenzene	13.56	95	136618	30.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.36%	
Target Compounds						
16) Acetone	3.22	43	15534	18.294	ug/l	Qvalue 96

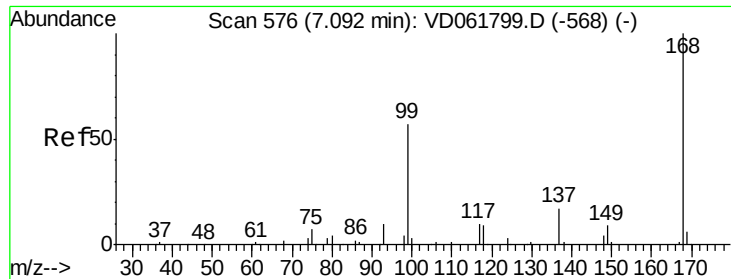
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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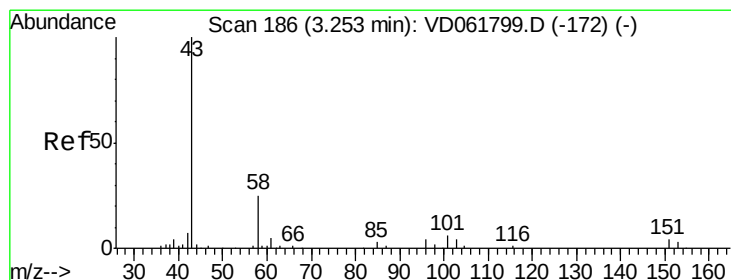
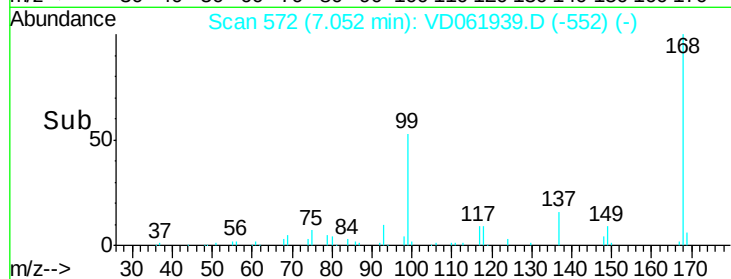
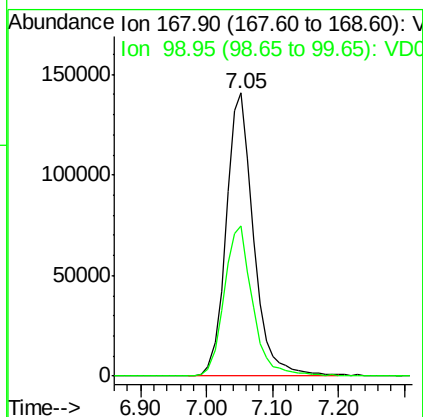
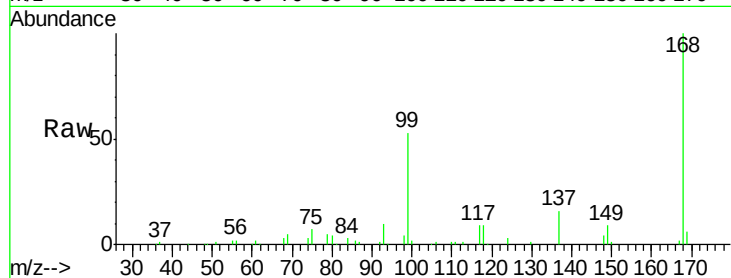




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.00 min
Lab File: VD061939.D
Acq: 22 Apr 2019 15:26

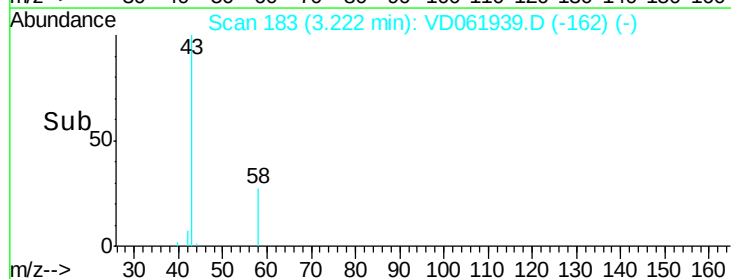
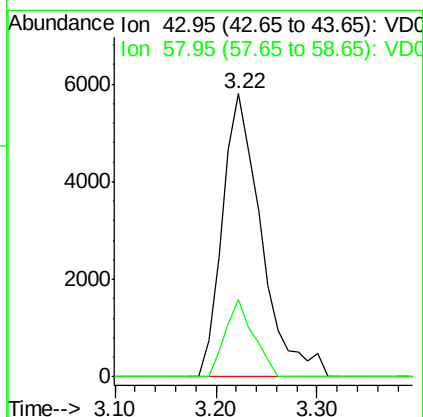
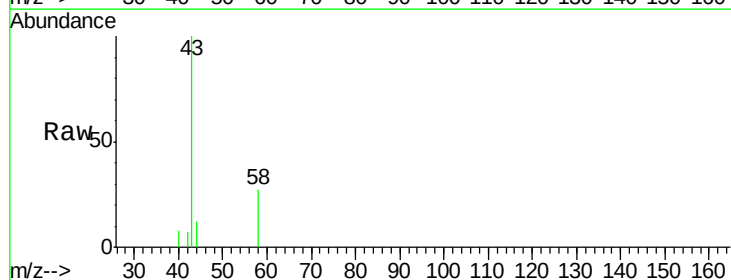
Instrument :
MSVOA_D
ClientSampleId :
PL-01-041819-C

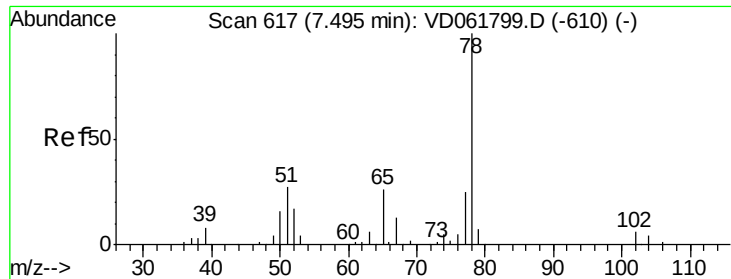
Tot Ion:168 Resp: 411079
Ion Ratio Lower Upper
168 100
99 53.1 46.5 69.7



#16
Acetone
Concen: 18.294 ug/l
RT: 3.22 min Scan# 183
Delta R.T. 0.01 min
Lab File: VD061939.D
Acq: 22 Apr 2019 15:26

Tgt Ion: 43 Resp: 15534
Ion Ratio Lower Upper
43 100
58 27.1 19.9 29.9

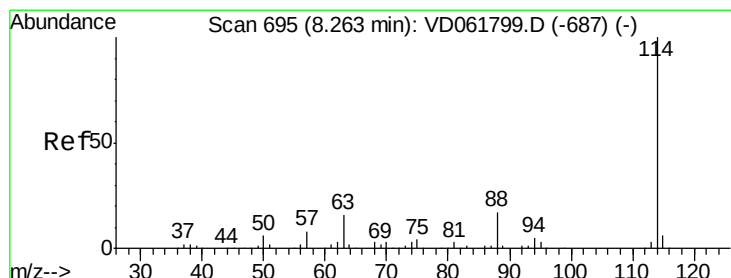
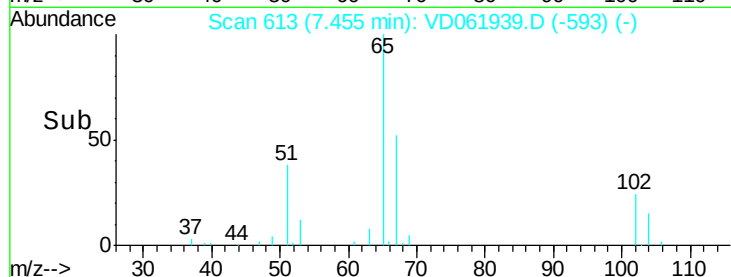
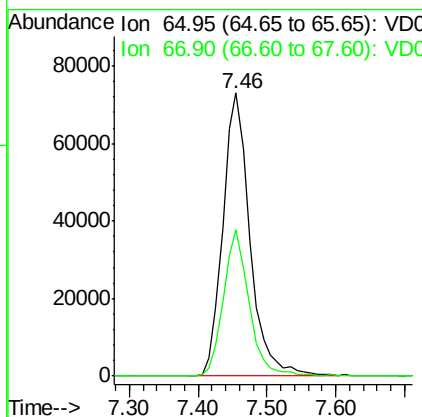
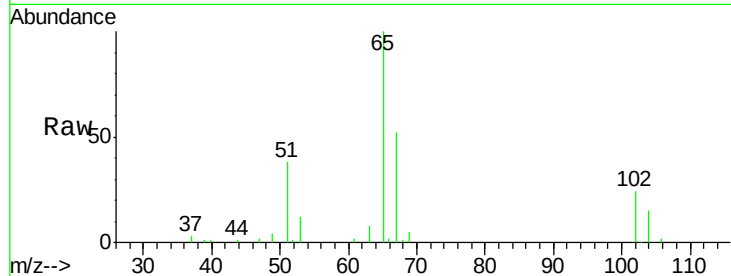




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VD061939.D
 Acq: 22 Apr 2019 15:26

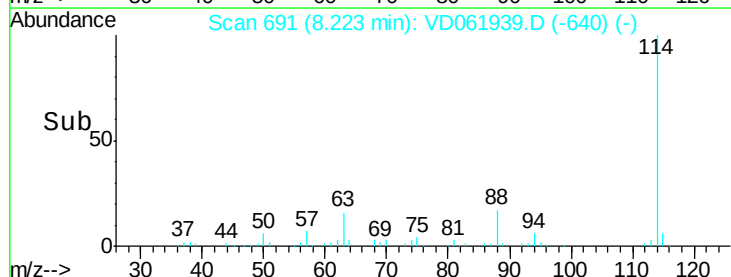
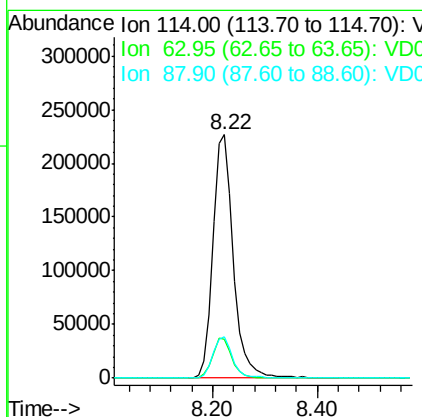
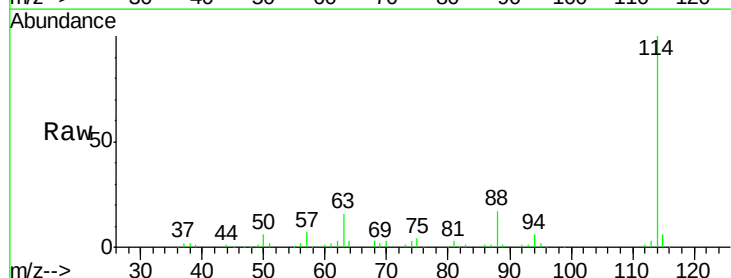
Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-041819-C

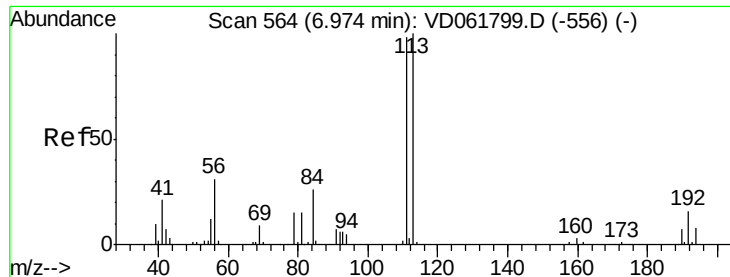
Tot Ion: 65 Resp: 198754
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: VD061939.D
 Acq: 22 Apr 2019 15:26

Tgt Ion: 114 Resp: 613694
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 32.4
 88 16.8 0.0 33.6

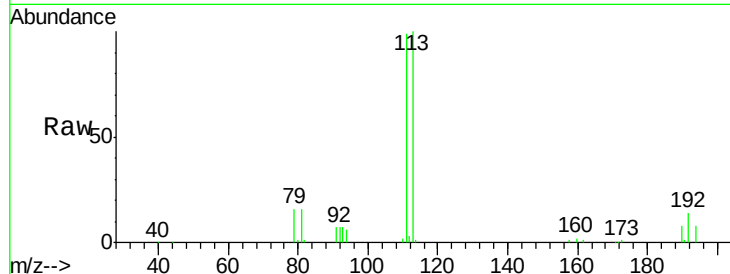




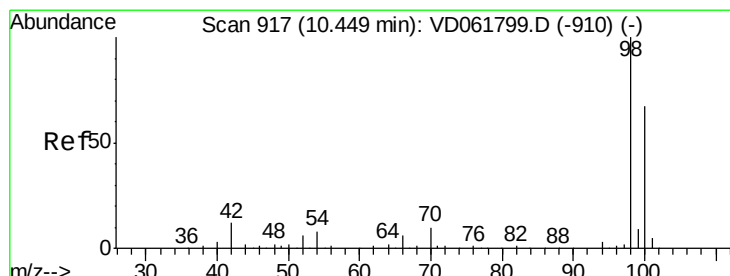
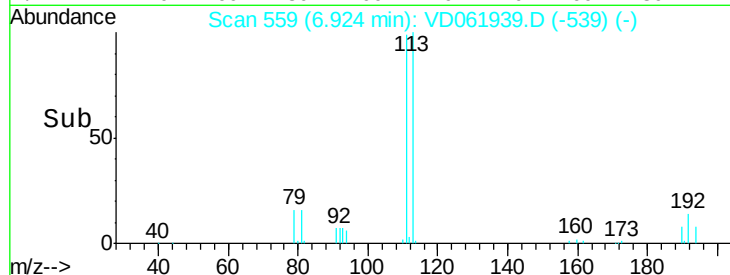
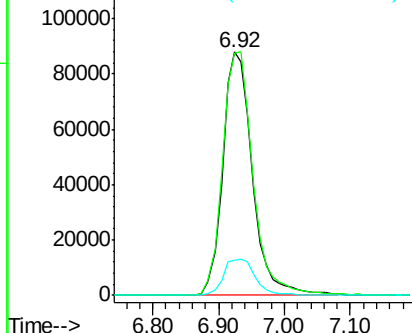
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD061939.D
 Acq: 22 Apr 2019 15:26

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-041819-C

Tot Ion:113 Resp: 276804
 Ion Ratio Lower Upper
 113 100
 111 99.5 78.5 117.7
 192 14.5 13.0 19.4

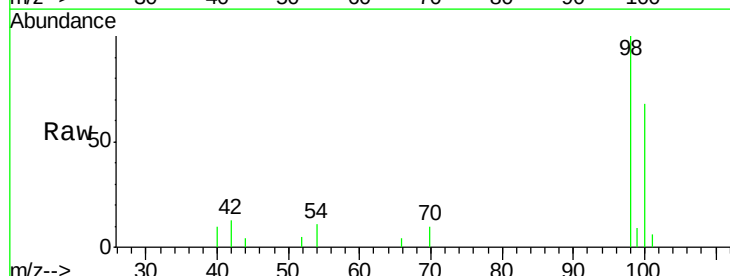


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

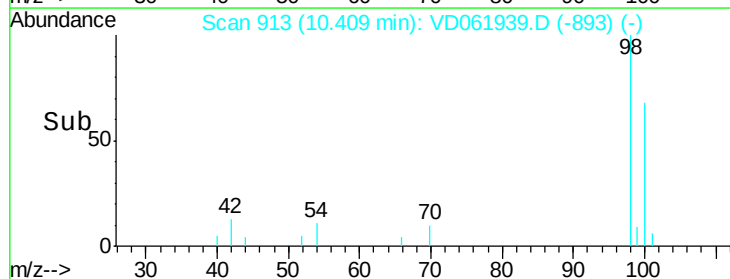
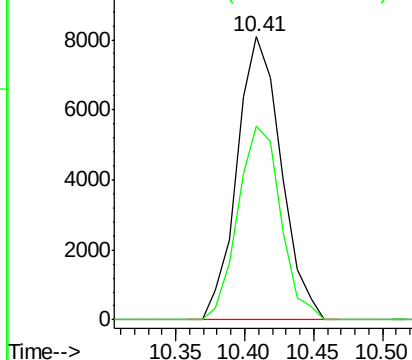


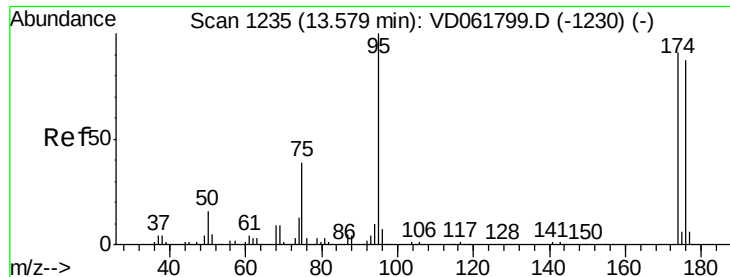
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: VD061939.D
 Acq: 22 Apr 2019 15:26

Tgt Ion: 98 Resp: 18060
 Ion Ratio Lower Upper
 98 100
 100 68.3 53.8 80.8



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: 13.56 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD061939.D

Acq: 22 Apr 2019 15:26

Instrument :

MSVOA_D

ClientSampleId :

PL-01-041819-C

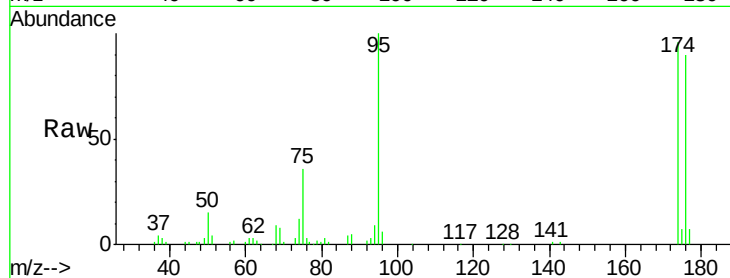
Tot Ion: 95 Resp: 136618

Ion Ratio Lower Upper

95 100

174 96.4 0.0 181.8

176 90.1 0.0 174.4



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

120000

100000

80000

60000

40000

20000

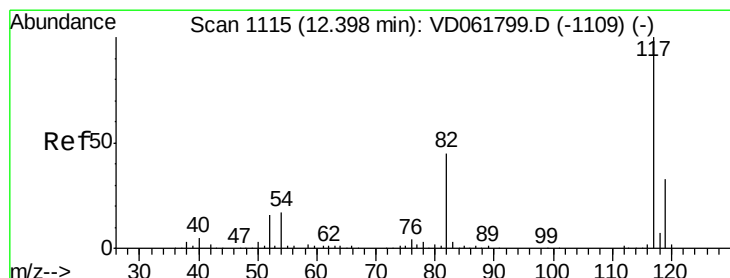
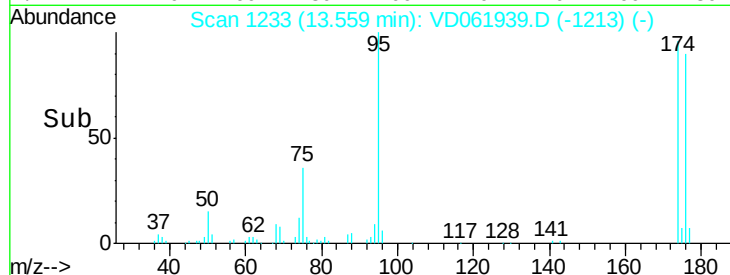
0

13.56

13.50

13.60

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VD061939.D

Acq: 22 Apr 2019 15:26

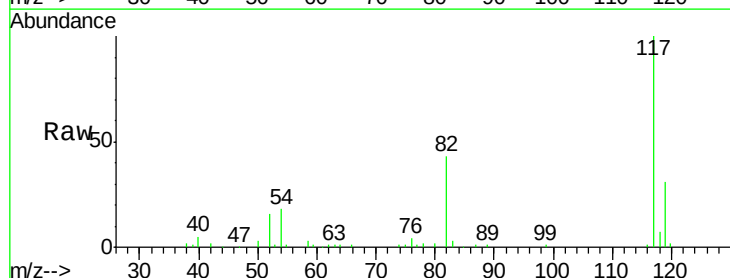
Tgt Ion: 117 Resp: 117559

Ion Ratio Lower Upper

117 100

82 42.8 36.2 54.2

119 30.9 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

100000

80000

60000

40000

20000

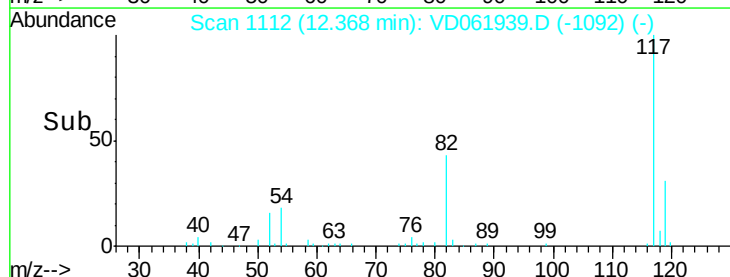
0

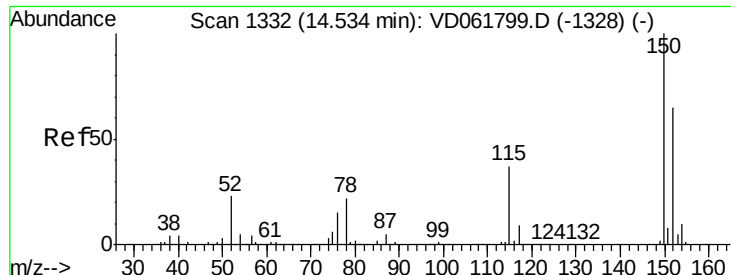
12.37

12.30

12.40

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD061939.D

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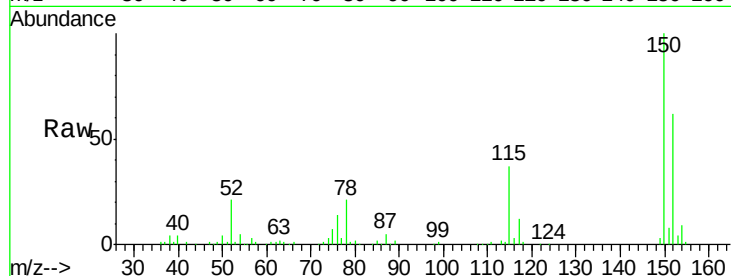
Tot Ion:152 Resp: 164818

Ion Ratio Lower Upper

152 100

115 60.2 30.9 92.7

150 161.6 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

