

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041019\
 Data File : VD061723.D
 Acq On : 10 Apr 2019 19:57
 Operator : VA/AP
 Sample : K2198-01RE
 Misc : 7.33g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-040819RE

Quant Time: Apr 11 03:51:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

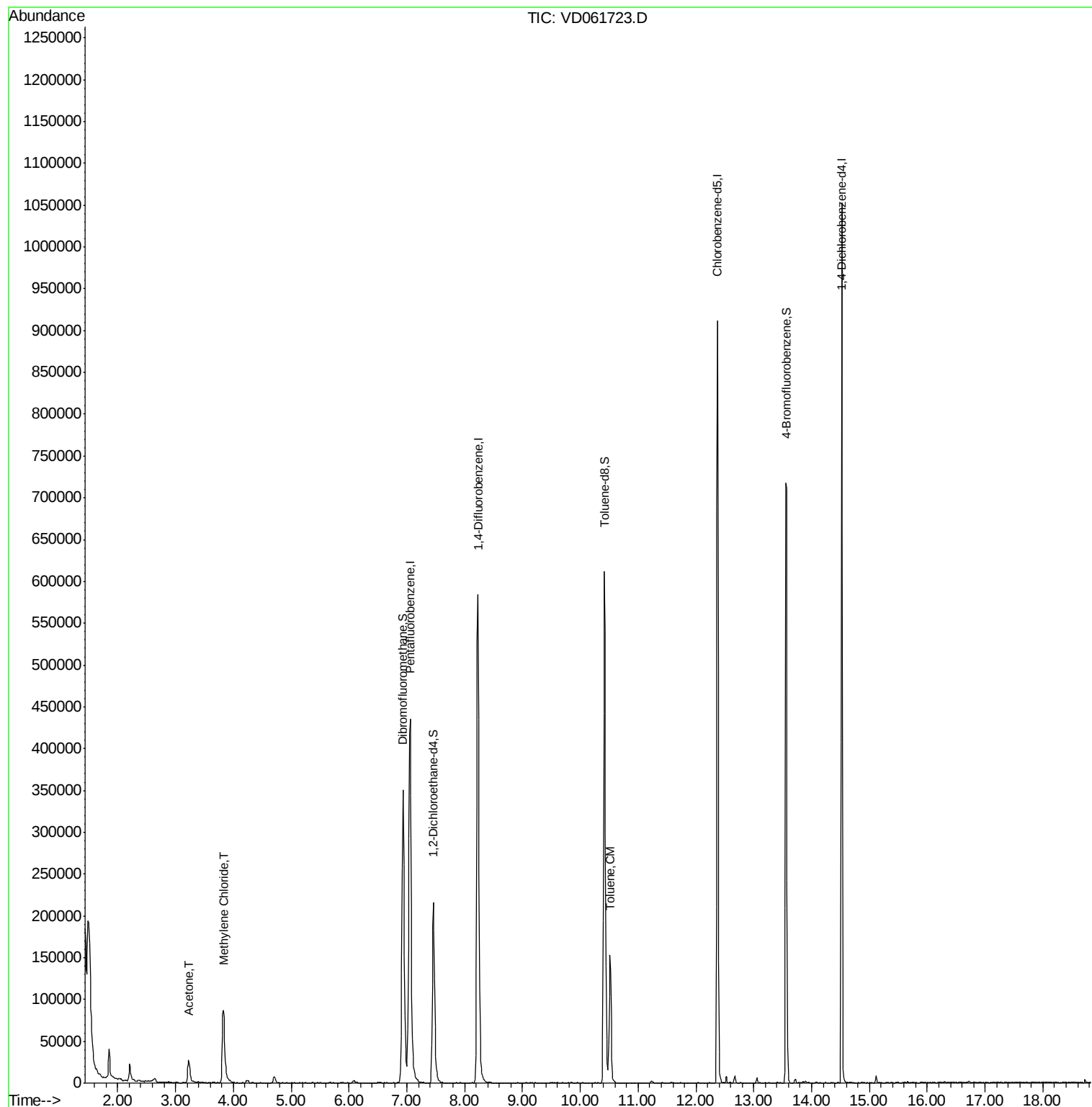
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	464431	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	733953	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	566281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	247666	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	220790	62.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.44%	
35) Dibromofluoromethane	6.93	113	347864	68.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.82%	
50) Toluene-d8	10.41	98	552492	43.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.50%	
62) 4-Bromofluorobenzene	13.55	95	254905	58.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.88%	
Target Compounds						
16) Acetone	3.23	43	58602	55.687	ug/l	93
20) Methylene Chloride	3.83	84	72803	12.191	ug/l	96
52) Toluene	10.51	92	84929	8.777	ug/l	95

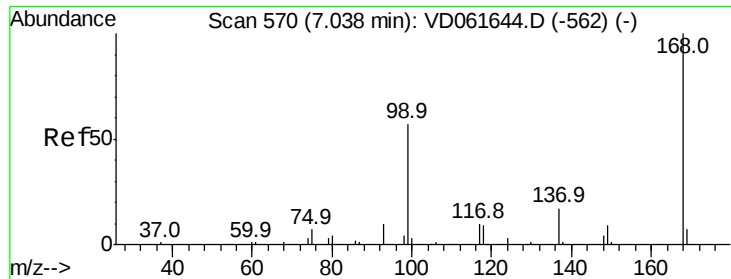
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD061723.D

Acq: 10 Apr 2019 19:57

Instrument :

MSVOA_D

ClientSampleId :

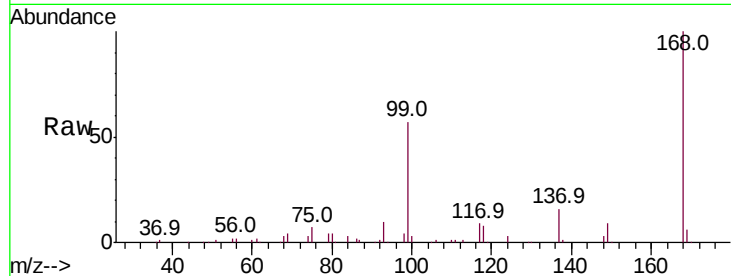
OK-01-040819RE

Tot Ion:168 Resp: 464431

Ion Ratio Lower Upper

168 100

99 56.7 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

150000

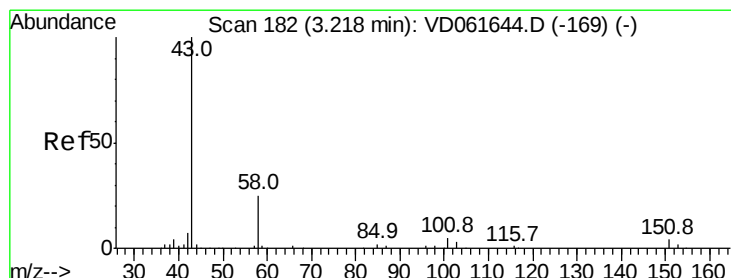
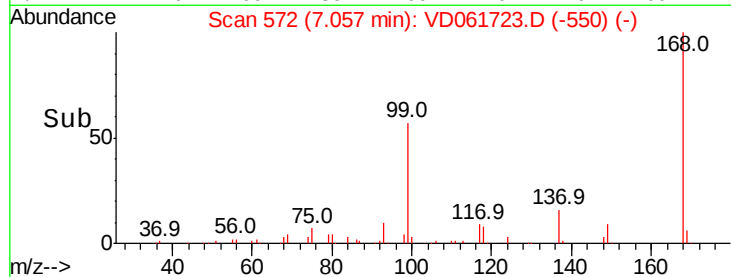
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 55.687 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD061723.D

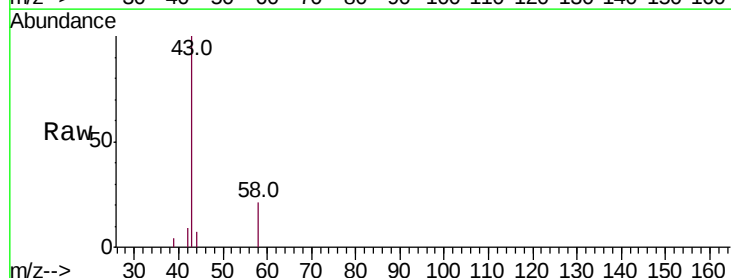
Acq: 10 Apr 2019 19:57

Tgt Ion: 43 Resp: 58602

Ion Ratio Lower Upper

43 100

58 21.2 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

20000

15000

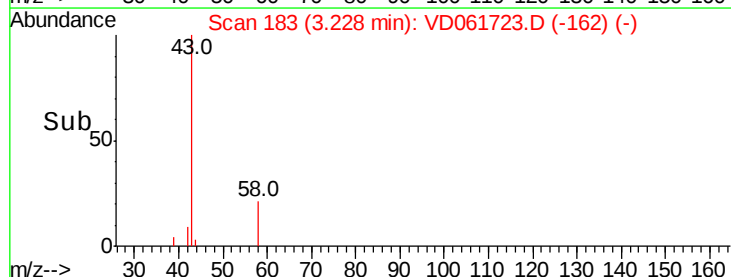
10000

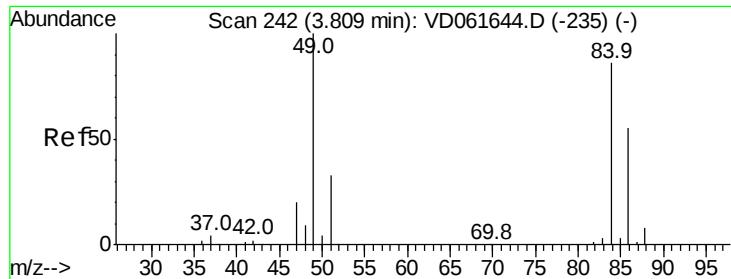
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0

Time-->

3.10 3.20 3.30 3.40

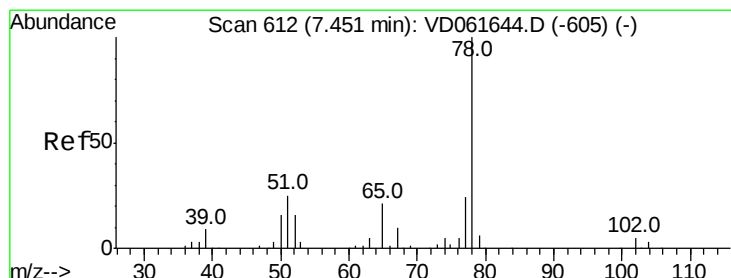
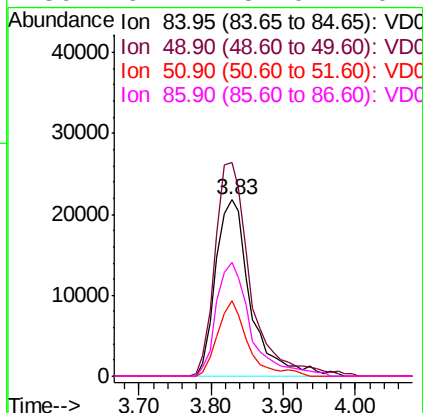
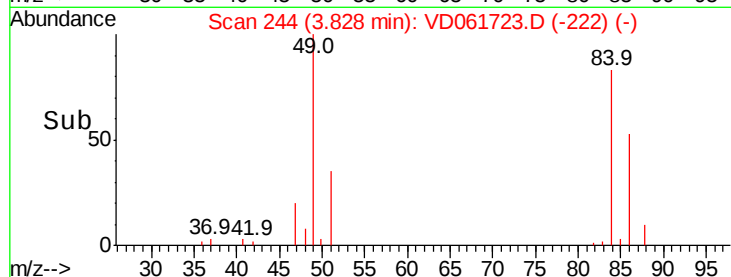
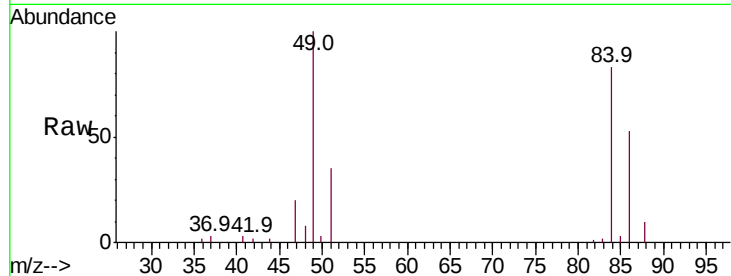




#20
Methvlene Chloride
Concen: 12.191 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD061723.D
Acq: 10 Apr 2019 19:57

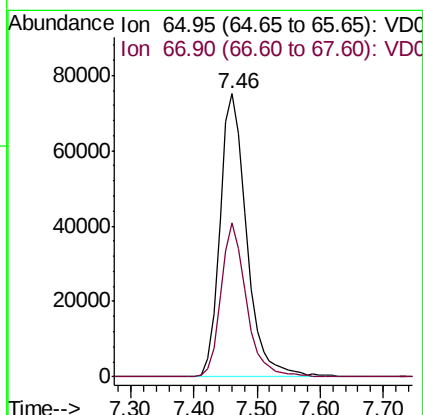
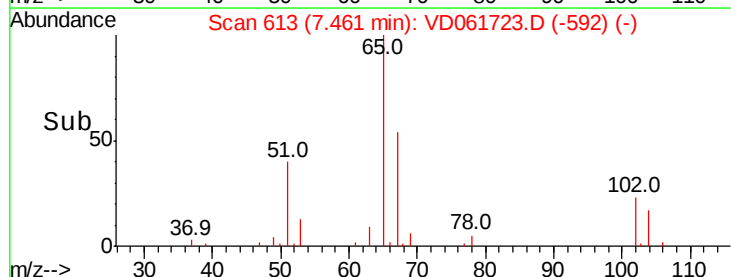
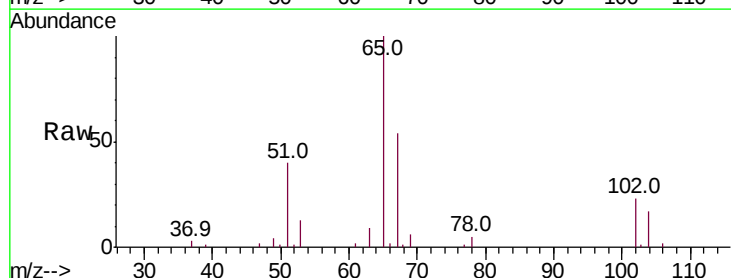
Instrument :
MSVOA_D
ClientSampleId :
OK-01-040819RE

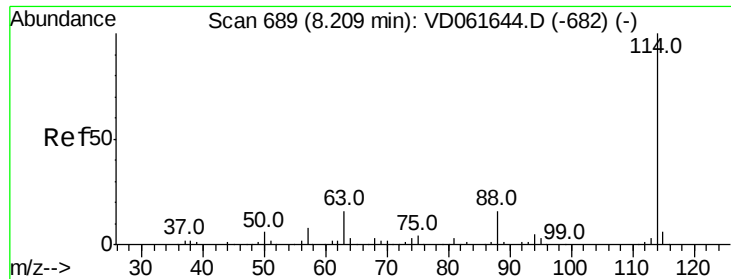
Tot Ion: 84 Resp: 72803
Ion Ratio Lower Upper
84 100
49 120.9 93.0 139.4
51 42.9 30.4 45.6
86 64.4 51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD061723.D
Acq: 10 Apr 2019 19:57

Tgt Ion: 65 Resp: 220790
Ion Ratio Lower Upper
65 100
67 54.3 0.0 99.4

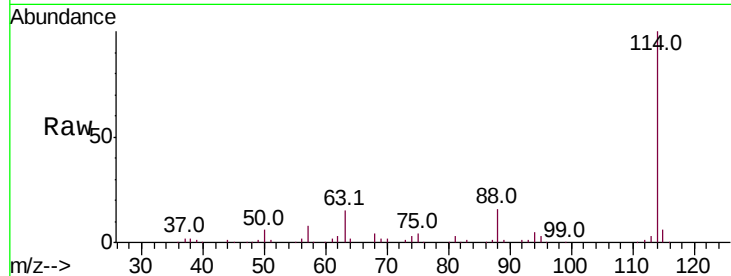




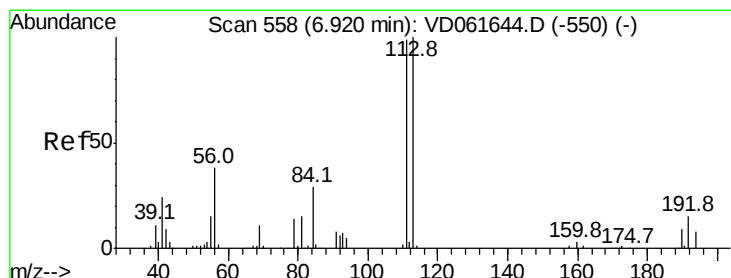
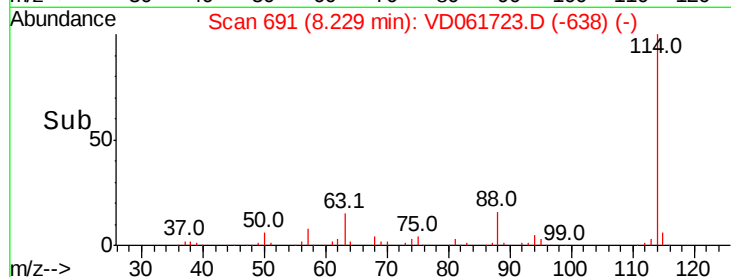
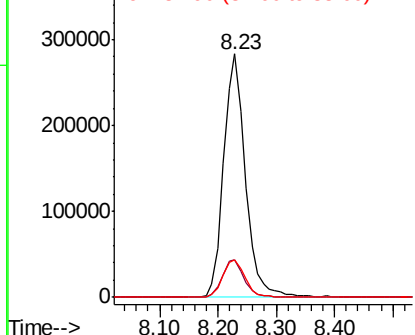
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD061723.D
 Acq: 10 Apr 2019 19:57

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-040819RE

Tot Ion:114 Resp: 733953
 Ion Ratio Lower Upper
 114 100
 63 15.4 0.0 31.2
 88 15.6 0.0 31.8

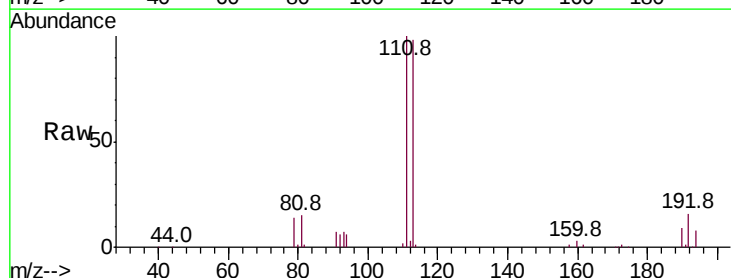


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

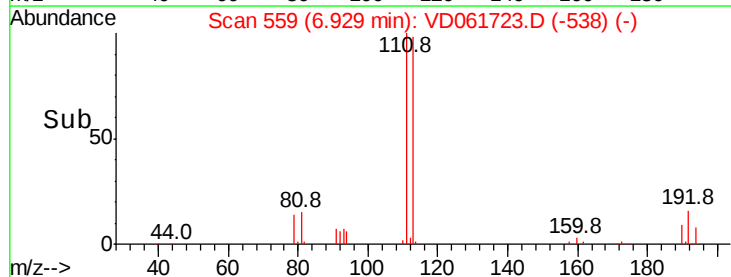
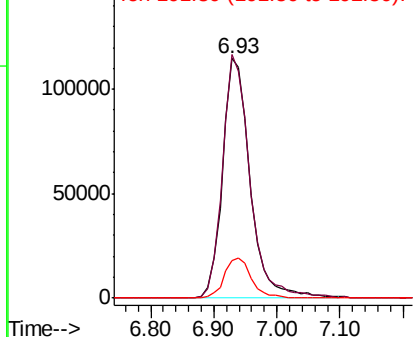


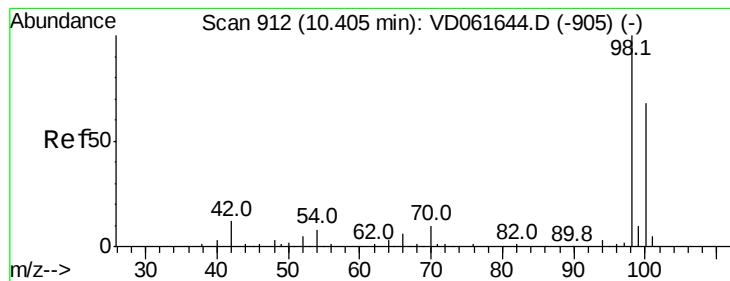
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VD061723.D
 Acq: 10 Apr 2019 19:57

Tgt Ion:113 Resp: 347864
 Ion Ratio Lower Upper
 113 100
 111 101.8 79.3 118.9
 192 15.9 12.3 18.5



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. 0.01 min

Lab File: VD061723.D

Acq: 10 Apr 2019 19:57

Instrument :

MSVOA_D

ClientSampleId :

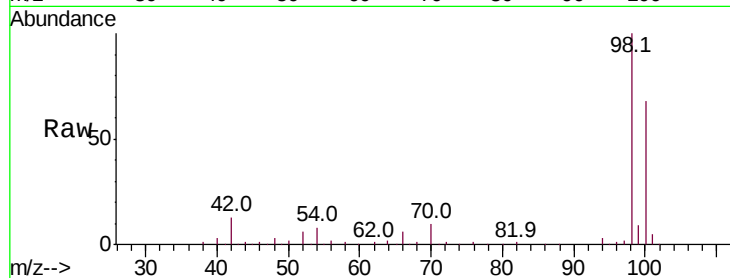
OK-01-040819RE

Tot Ion: 98 Resp: 552492

Ion Ratio Lower Upper

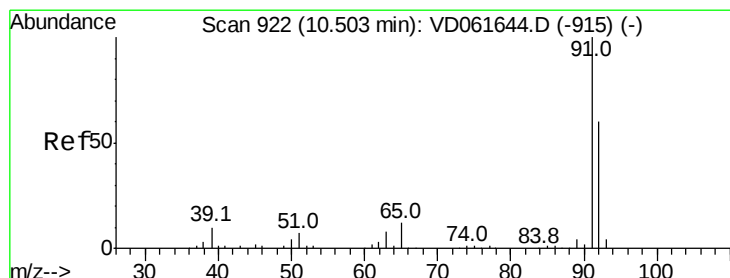
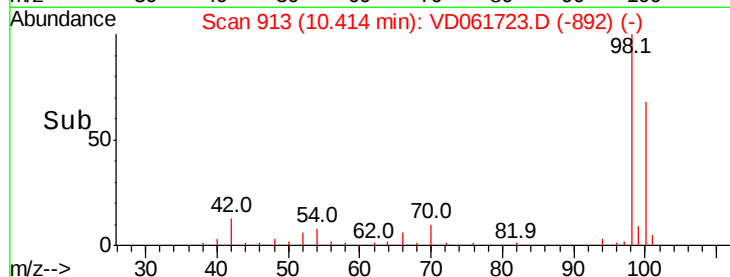
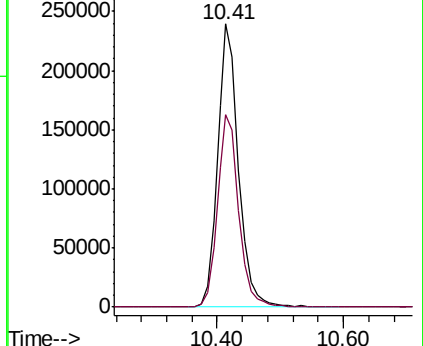
98 100

100 68.0 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#52

Toluene

Concen: 8.777 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD061723.D

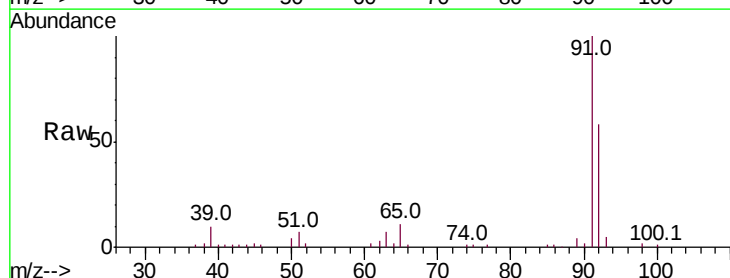
Acq: 10 Apr 2019 19:57

Tgt Ion: 92 Resp: 84929

Ion Ratio Lower Upper

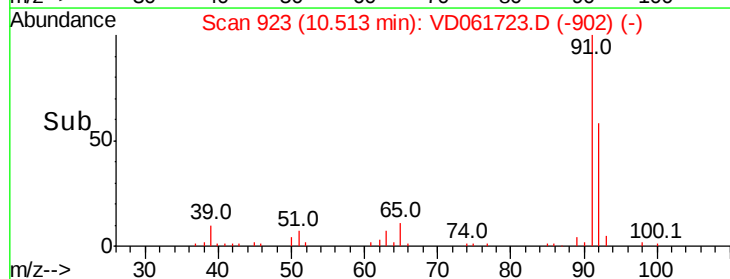
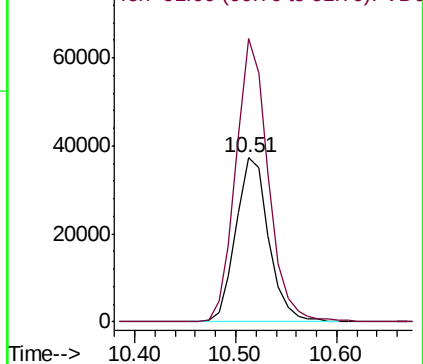
92 100

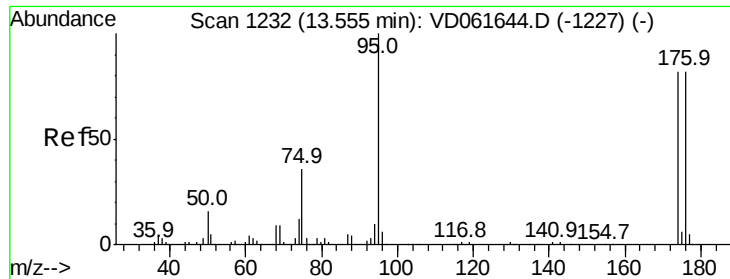
91 172.5 133.0 199.4



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061723.D

Acq: 10 Apr 2019 19:57

Instrument :

MSVOA_D

ClientSampleId :

OK-01-040819RE

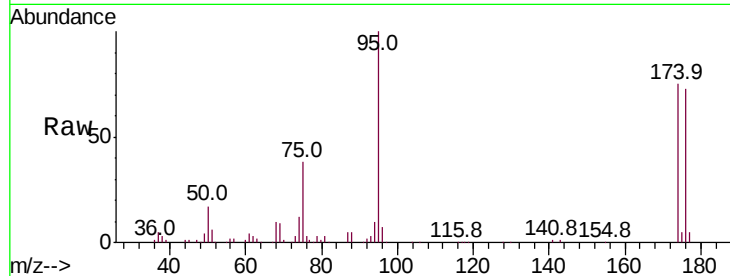
Tot Ion: 95 Resp: 254905

Ion Ratio Lower Upper

95 100

174 75.3 0.0 164.6

176 72.6 0.0 165.0

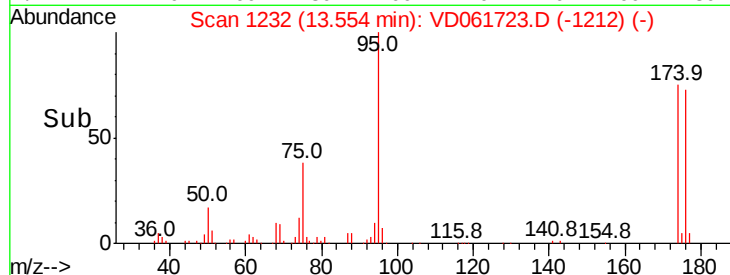


Abundance Ion 95.00 (94.70 to 95.70): V

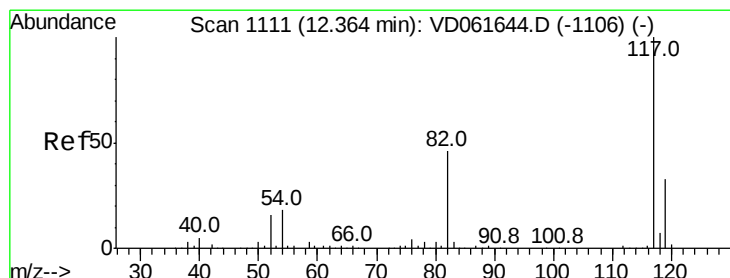
Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD061723.D

Acq: 10 Apr 2019 19:57

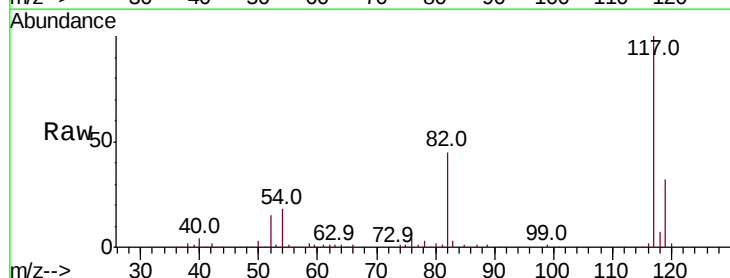
Tgt Ion: 117 Resp: 566281

Ion Ratio Lower Upper

117 100

82 45.0 36.8 55.2

119 31.8 26.1 39.1

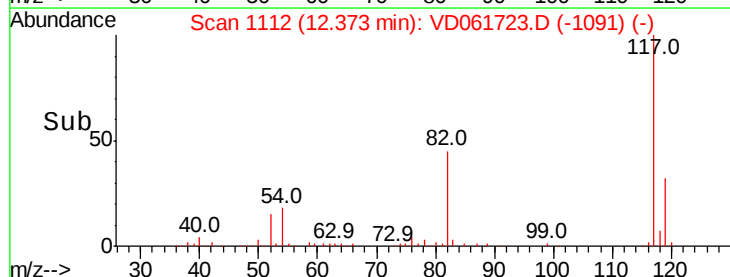


Abundance Ion 116.95 (116.65 to 117.65): V

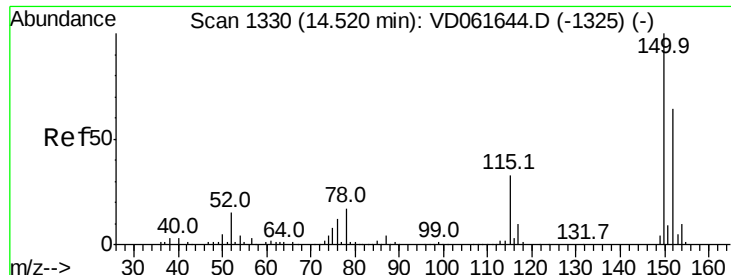
Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD061723.D

Acq: 10 Apr 2019 19:57

Instrument :

MSVOA_D

ClientSampleId :

OK-01-040819RE

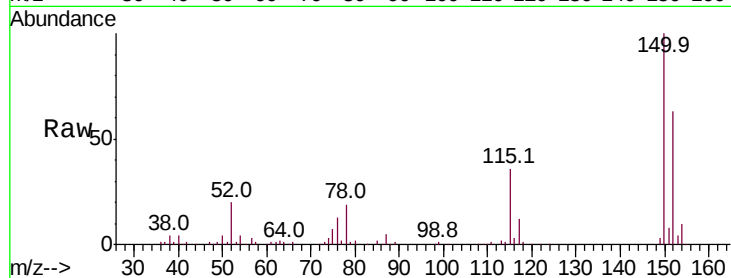
Tot Ion:152 Resp: 247666

Ion Ratio Lower Upper

152 100

115 56.7 26.4 79.2

150 158.7 0.0 320.6



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

