

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062821.D
 Acq On : 21 Jun 2019 17:26
 Operator : VA/AP
 Sample : K3470-01RE
 Misc : 6.18g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-4RE

Quant Time: Jun 22 04:57:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

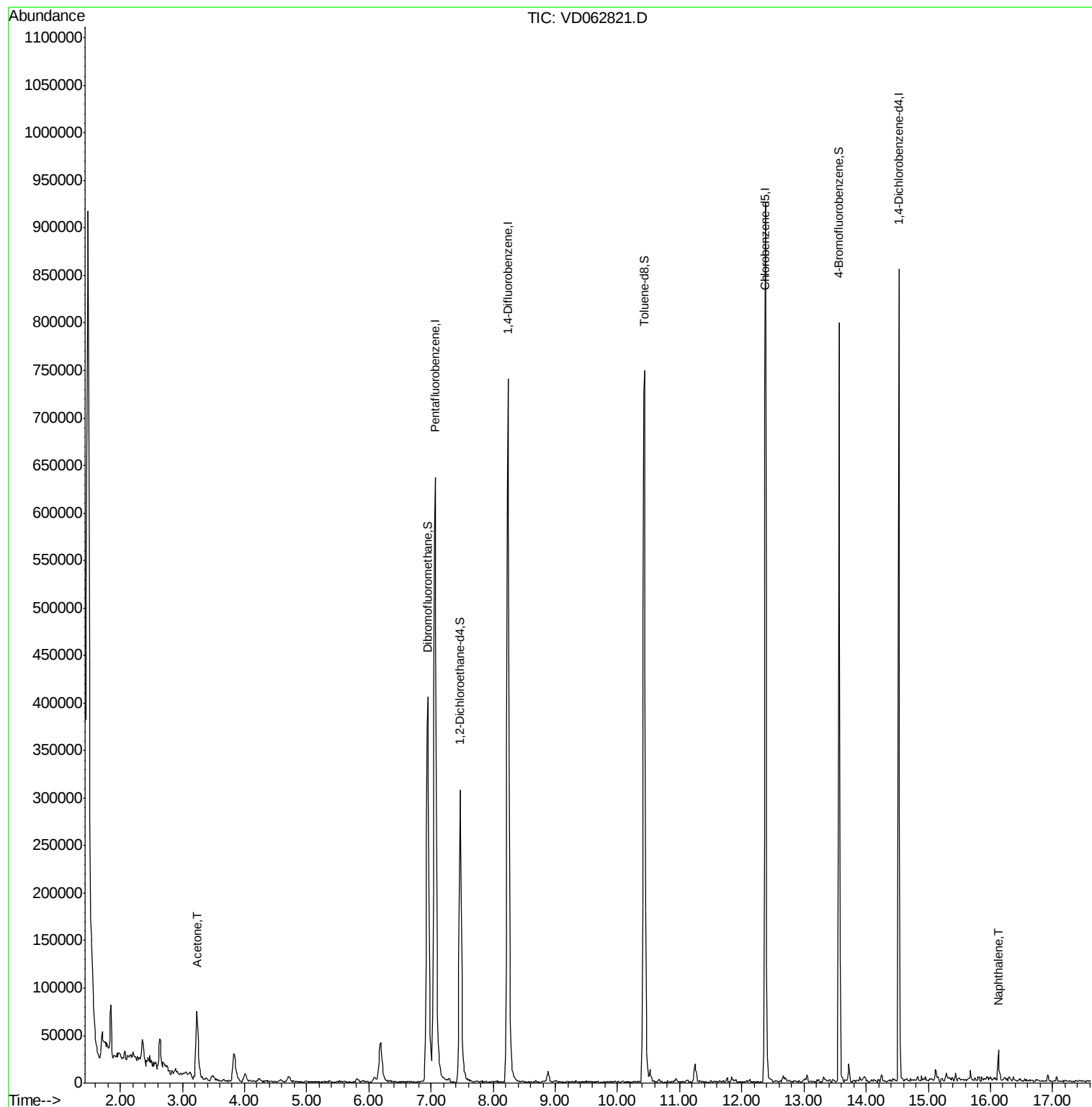
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	590782	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	764221	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	496870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	170289	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	350912	54.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.28%	
35) Dibromofluoromethane	6.95	113	348049	54.01	ug/l	0.02
Spiked Amount 50.000			Recovery	=	108.02%	
50) Toluene-d8	10.43	98	608405	43.38	ug/l	0.02
Spiked Amount 50.000			Recovery	=	86.76%	
62) 4-Bromofluorobenzene	13.56	95	210486	33.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.02%	
Target Compounds						
16) Acetone	3.24	43	157403	117.151	ug/l	Qvalue 100
95) Naphthalene	16.13	128	19673	3.989	ug/l #	94

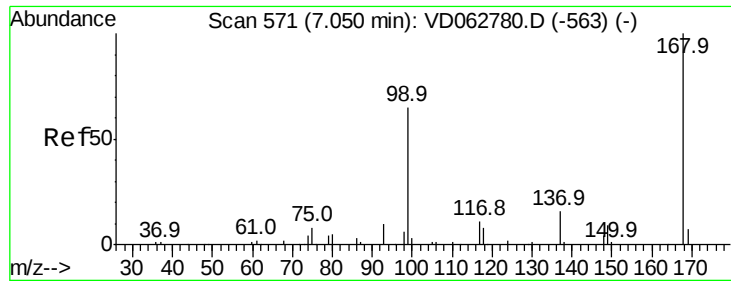
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD062821.D

Acq: 21 Jun 2019 17:26

Instrument :

MSVOA_D

ClientSampleId :

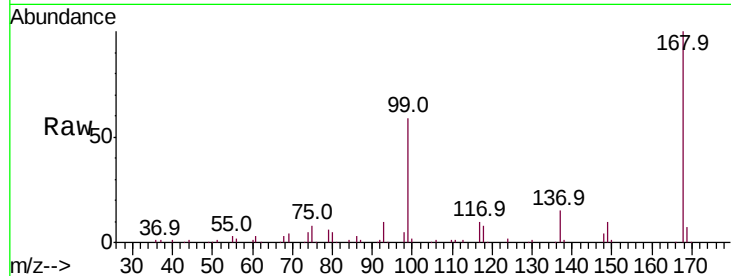
SAMPLE-4RE

Tot Ion:168 Resp: 590782

Ion Ratio Lower Upper

168 100

99 59.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

250000

200000

150000

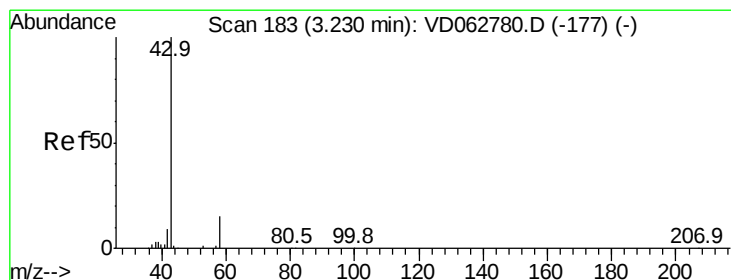
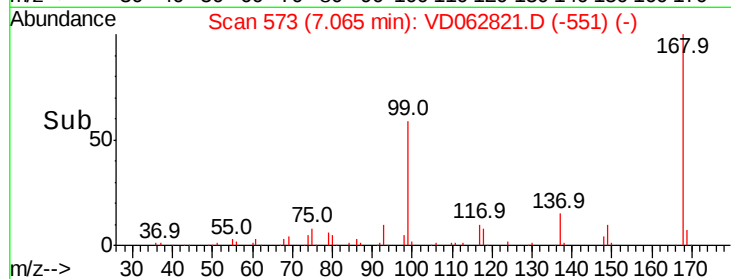
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 117.151 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD062821.D

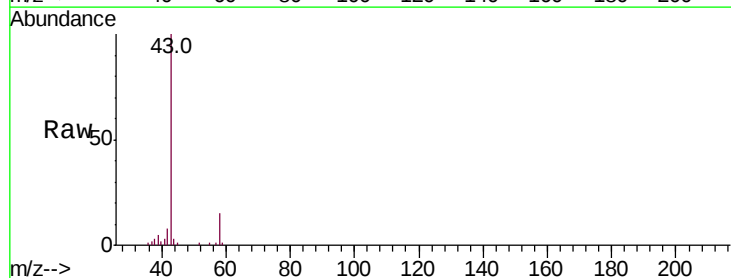
Acq: 21 Jun 2019 17:26

Tgt Ion: 43 Resp: 157403

Ion Ratio Lower Upper

43 100

58 14.9 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

60000

50000

40000

30000

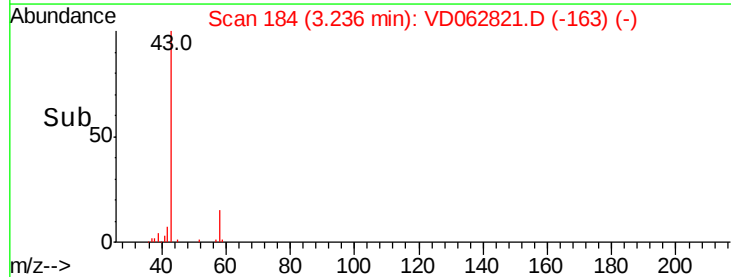
20000

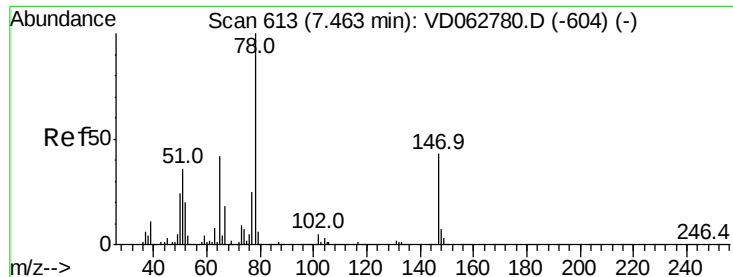
10000

0

Time-->

3.10 3.20 3.30 3.40

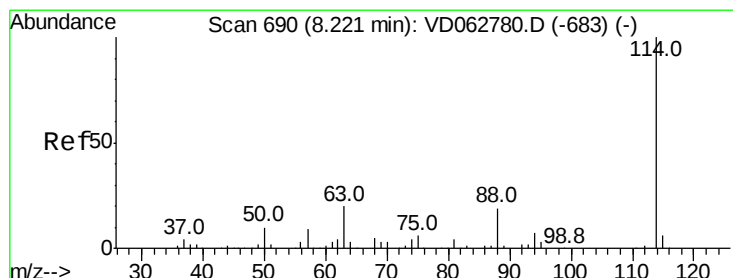
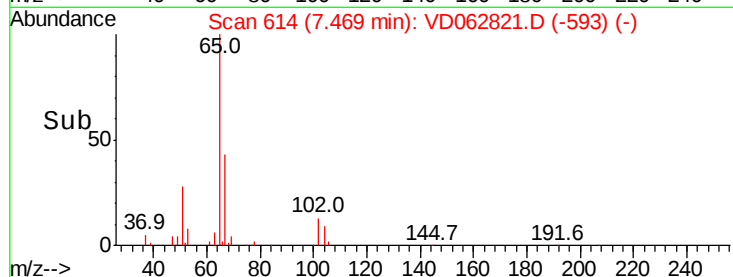
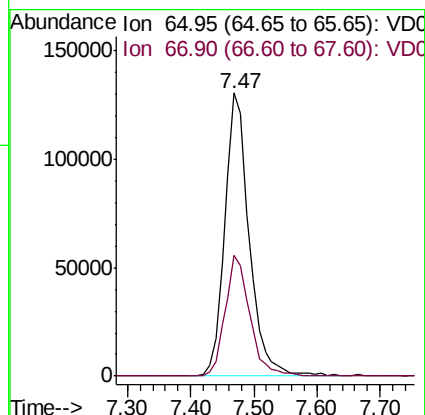
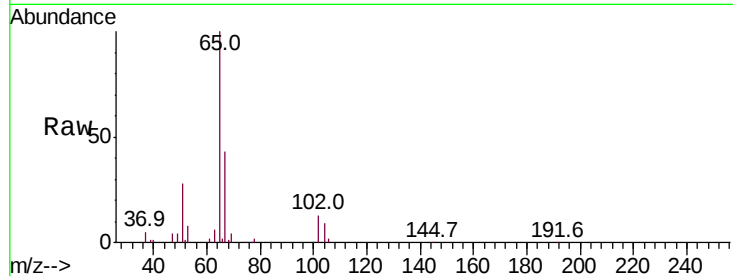




#33
 1,2-Dichloroethane-d4
 Concen: 54.645 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: VD062821.D
 Acq: 21 Jun 2019 17:26

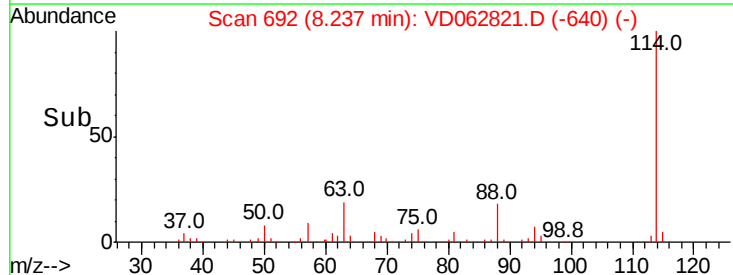
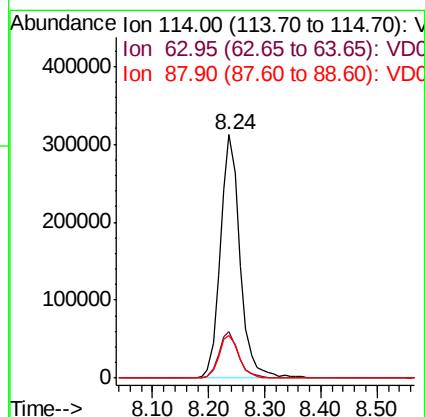
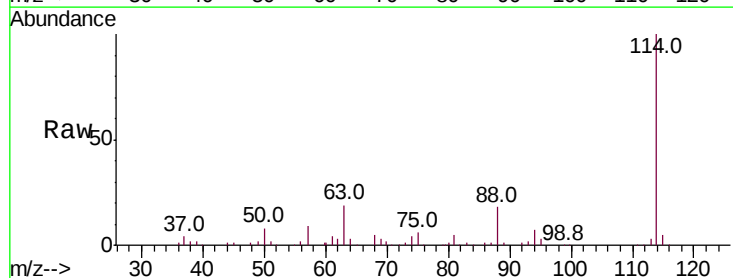
Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-4RE

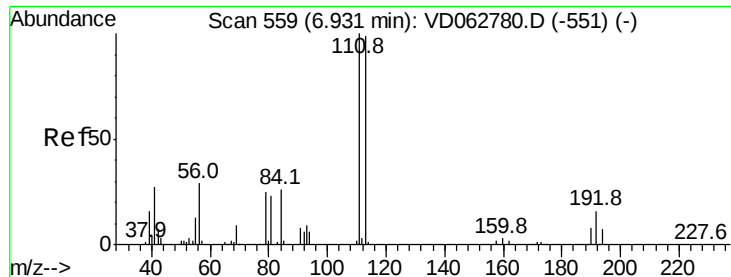
Tot Ion: 65 Resp: 350912
 Ion Ratio Lower Upper
 65 100
 67 42.7 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD062821.D
 Acq: 21 Jun 2019 17:26

Tgt Ion: 114 Resp: 764221
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.0
 88 17.5 0.0 38.8





#35

Dibromofluoromethane

Concen: 54.012 ug/l

RT: 6.95 min Scan# 561

Delta R.T. 0.02 min

Lab File: VD062821.D

Acq: 21 Jun 2019 17:26

Instrument :

MSVOA_D

ClientSampleId :

SAMPLE-4RE

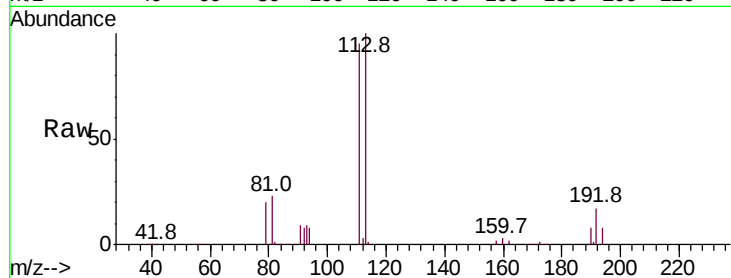
Tot Ion:113 Resp: 348049

Ion Ratio Lower Upper

113 100

111 95.0 81.2 121.8

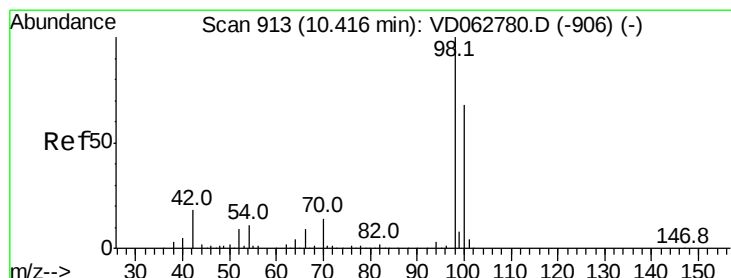
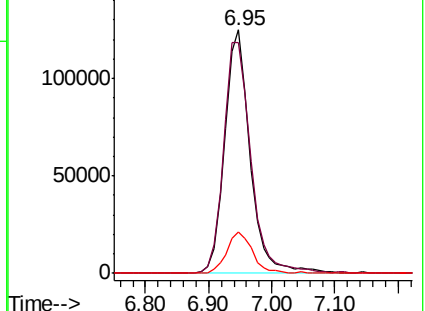
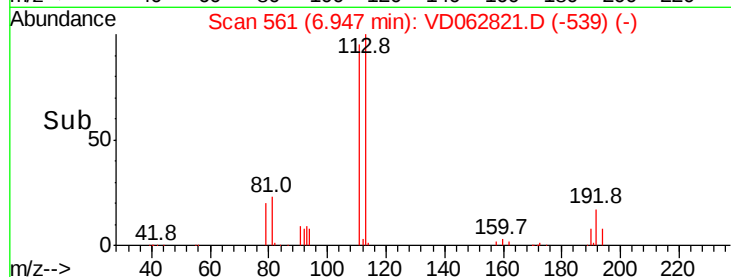
192 16.9 12.9 19.3



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: 43.381 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.02 min

Lab File: VD062821.D

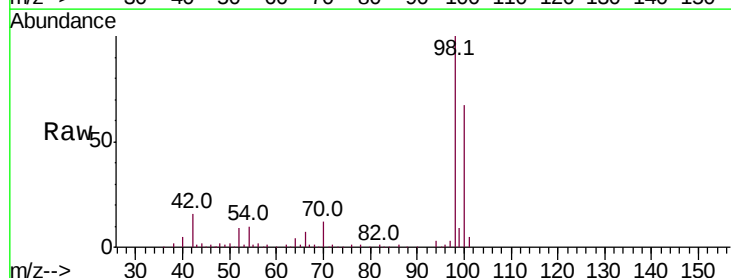
Acq: 21 Jun 2019 17:26

Tgt Ion: 98 Resp: 608405

Ion Ratio Lower Upper

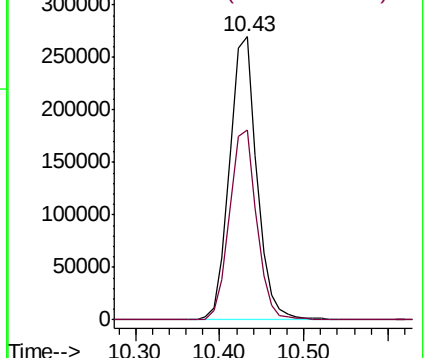
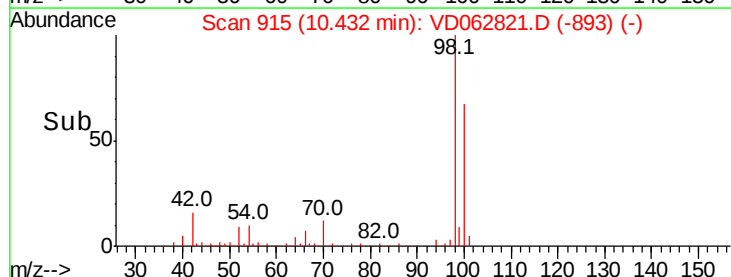
98 100

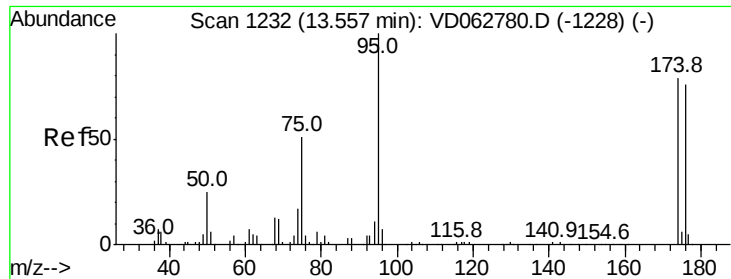
100 67.1 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 33.006 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062821.D

Acq: 21 Jun 2019 17:26

Instrument :

MSVOA_D

ClientSampleId :

SAMPLE-4RE

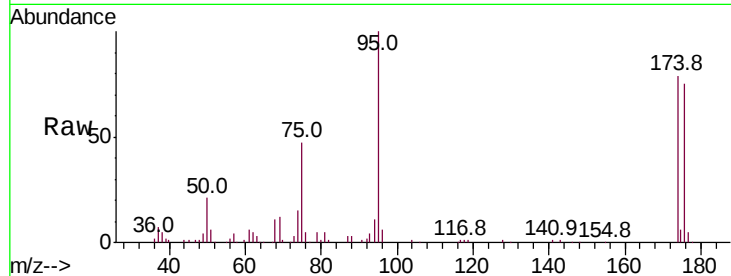
Tot Ion: 95 Resp: 210486

Ion Ratio Lower Upper

95 100

174 79.0 0.0 158.0

176 75.1 0.0 151.6



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

13.56

200000

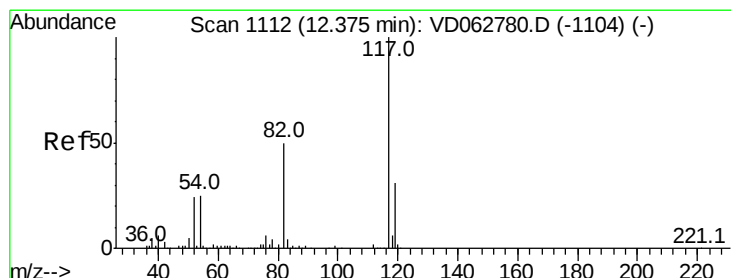
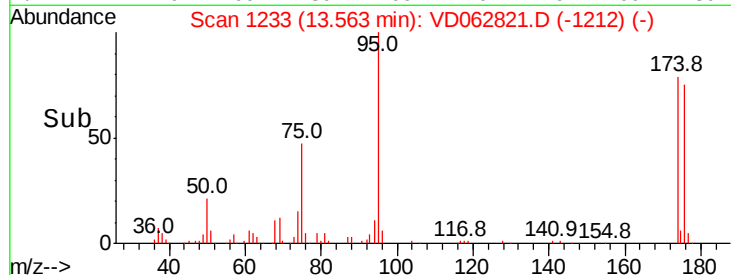
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.38 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VD062821.D

Acq: 21 Jun 2019 17:26

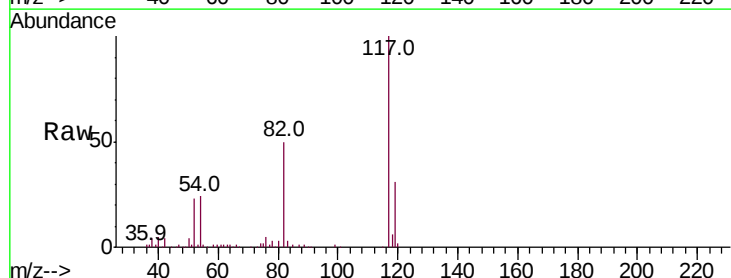
Tgt Ion: 117 Resp: 496870

Ion Ratio Lower Upper

117 100

82 49.9 40.4 60.6

119 30.7 25.2 37.8



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

400000

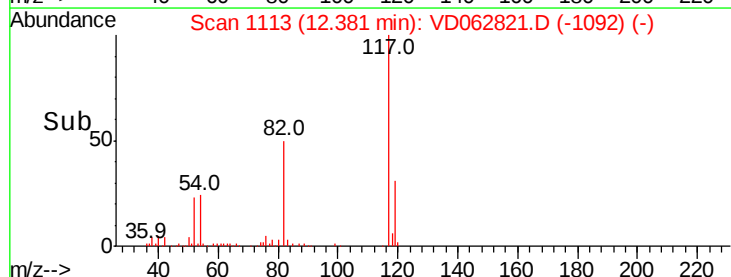
300000

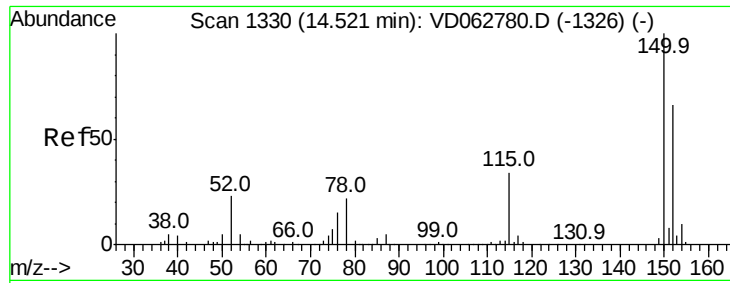
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD062821.D

Acq: 21 Jun 2019 17:26

Instrument :

MSVOA_D

ClientSampleId :

SAMPLE-4RE

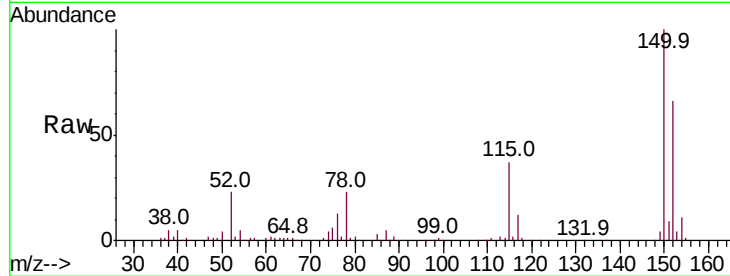
Tot Ion:152 Resp: 170289

Ion Ratio Lower Upper

152 100

115 56.4 29.2 87.6

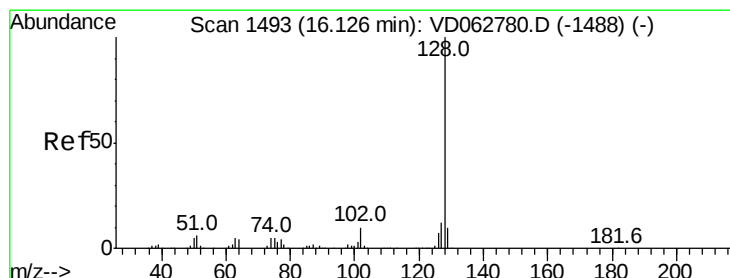
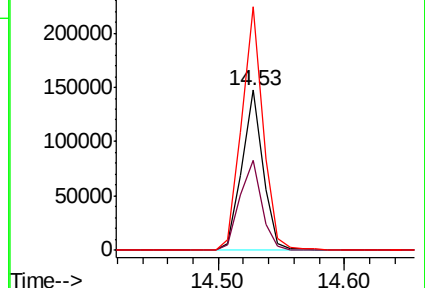
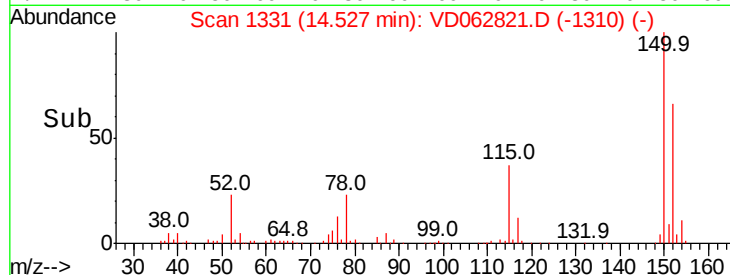
150 152.3 0.0 305.8



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



#95

Naphthalene

Concen: 3.989 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VD062821.D

Acq: 21 Jun 2019 17:26

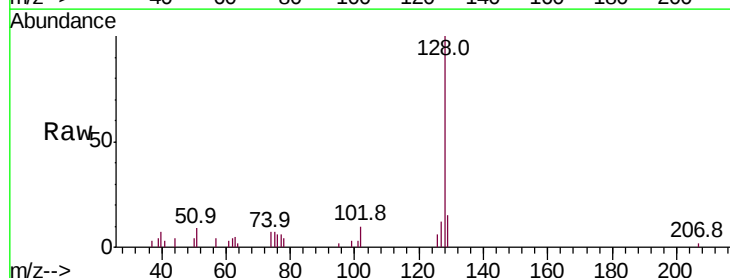
Tgt Ion:128 Resp: 19673

Ion Ratio Lower Upper

128 100

127 11.8 9.7 14.5

129 14.9 8.3 12.5#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

