

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071919\
 Data File : VD063161.D
 Acq On : 19 Jul 2019 18:39
 Operator : VA/AP
 Sample : K3911-02
 Misc : 5.02g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HJDC-G2

Quant Time: Jul 20 05:42:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

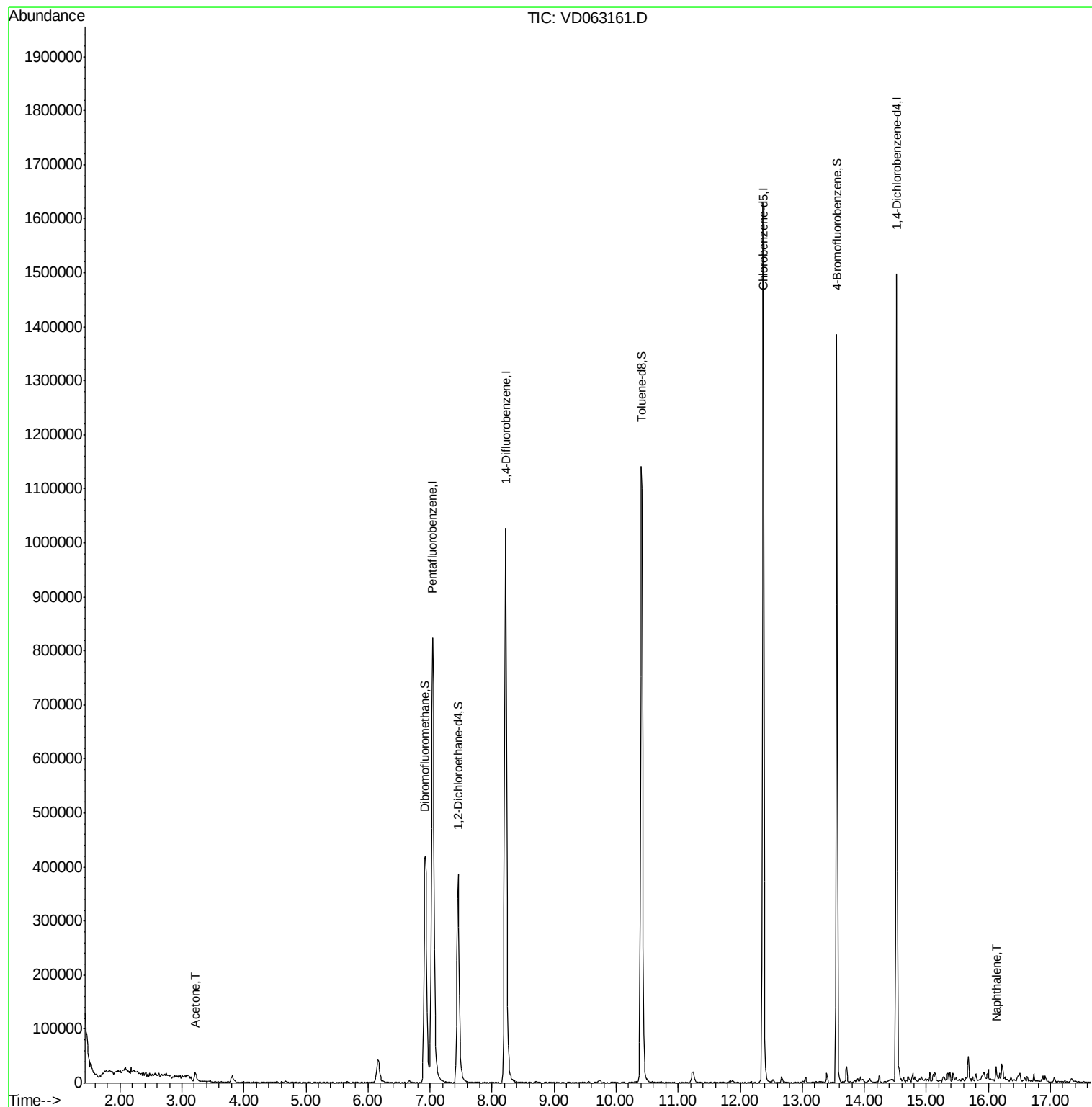
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	798451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1125497	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	847459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	369598	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	428321	43.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.12%	
35) Dibromofluoromethane	6.92	113	397203	35.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.86%	
50) Toluene-d8	10.42	98	939835	39.03	ug/l	0.02
Spiked Amount 50.000			Recovery	=	78.06%	
62) 4-Bromofluorobenzene	13.56	95	364821	32.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.50%	
Target Compounds						
16) Acetone	3.21	43	33328	13.873	ug/l #	87
95) Naphthalene	16.13	128	16401	1.159	ug/l #	91

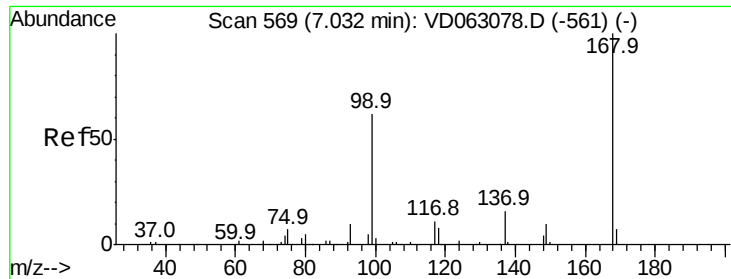
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071919\
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QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.01 min

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MSVOA_D

ClientSampleId :

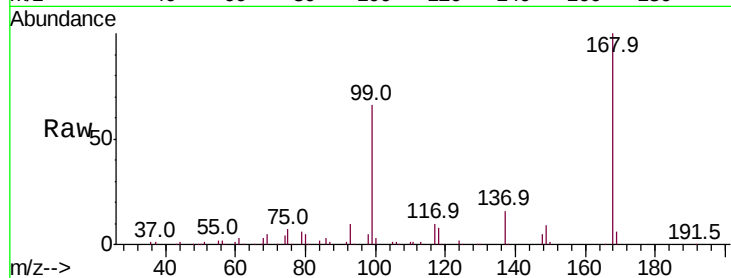
HJDC-G2

Tot Ion:168 Resp: 798451

Ion Ratio Lower Upper

168 100

99 66.2 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

300000

250000

200000

150000

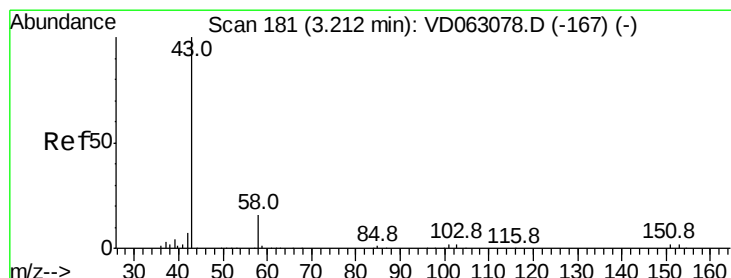
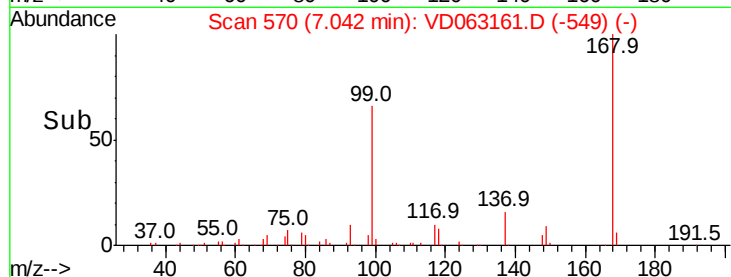
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 13.873 ug/l

RT: 3.21 min Scan# 181

Delta R.T. 0.00 min

Lab File: VD063161.D

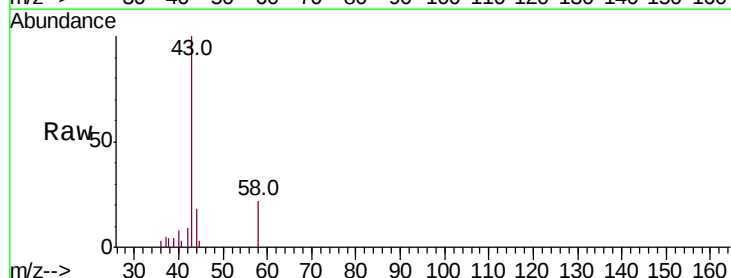
Acq: 19 Jul 2019 18:39

Tgt Ion: 43 Resp: 33328

Ion Ratio Lower Upper

43 100

58 21.9 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

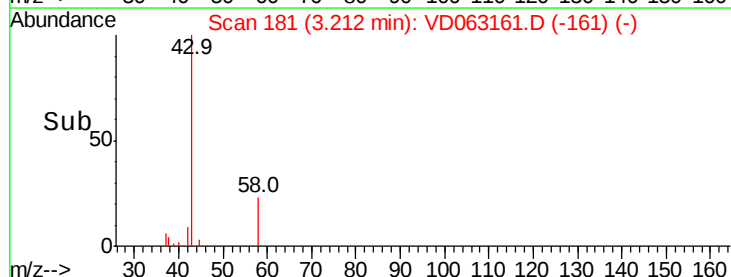
10000

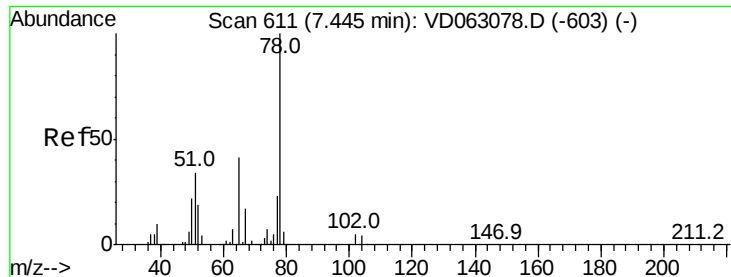
5000

0

Time-->

3.10 3.20 3.30





#33

1,2-Dichloroethane-d4

Concen: 43.064 ug/l

RT: 7.46 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063161.D

Acq: 19 Jul 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

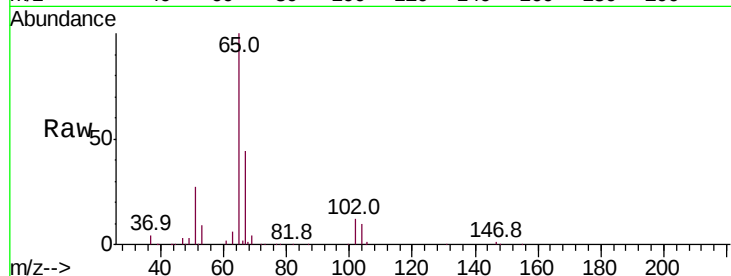
HJDC-G2

Tot Ion: 65 Resp: 428321

Ion Ratio Lower Upper

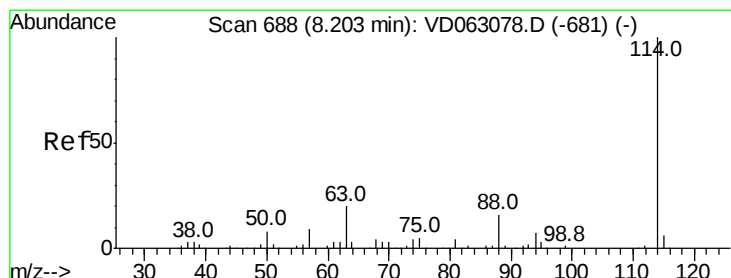
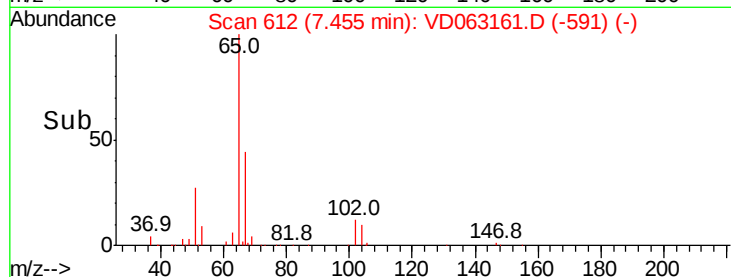
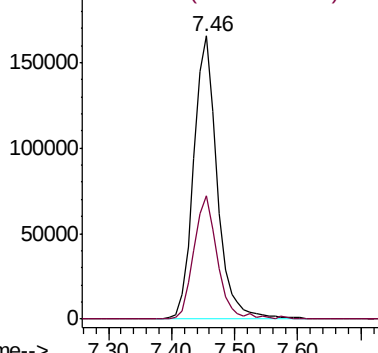
65 100

67 43.5 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.02 min

Lab File: VD063161.D

Acq: 19 Jul 2019 18:39

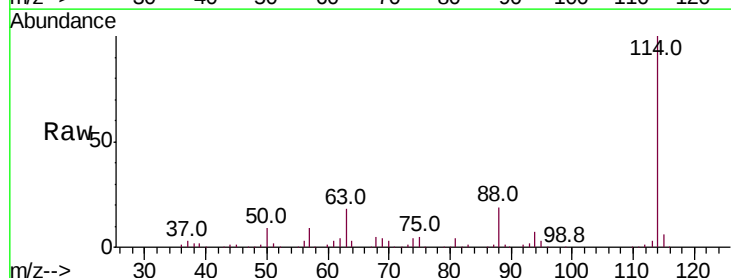
Tgt Ion: 114 Resp: 1125497

Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.6

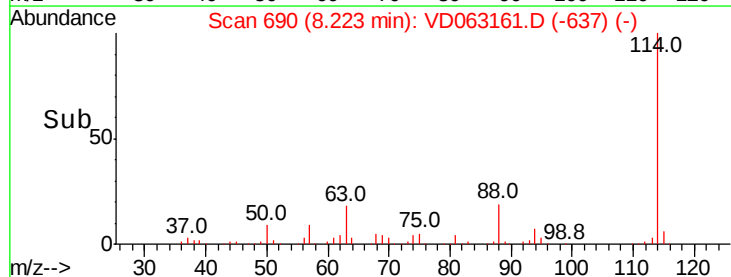
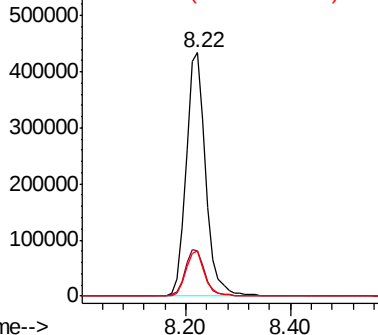
88 18.7 0.0 32.6

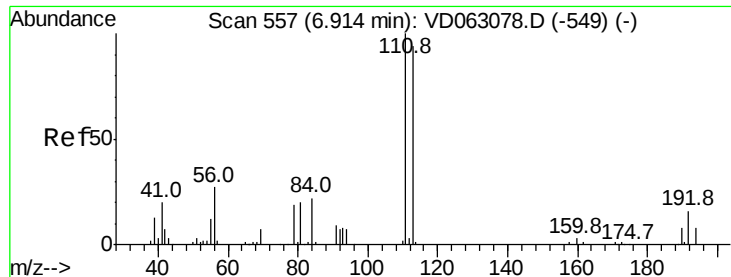


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 35.432 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063161.D

Acq: 19 Jul 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

HJDC-G2

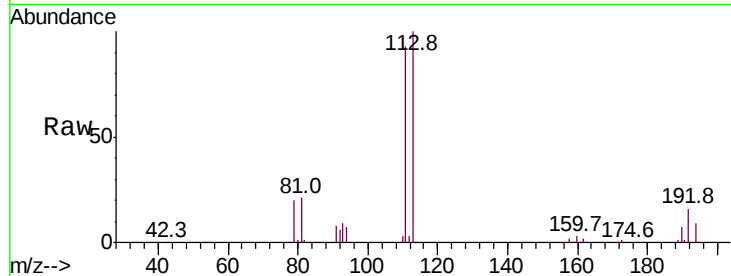
Tot Ion:113 Resp: 397203

Ion Ratio Lower Upper

113 100

111 93.3 84.8 127.2

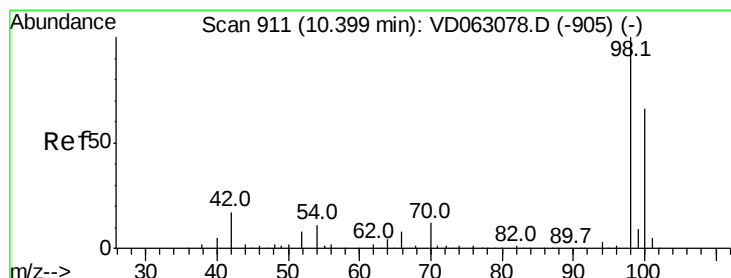
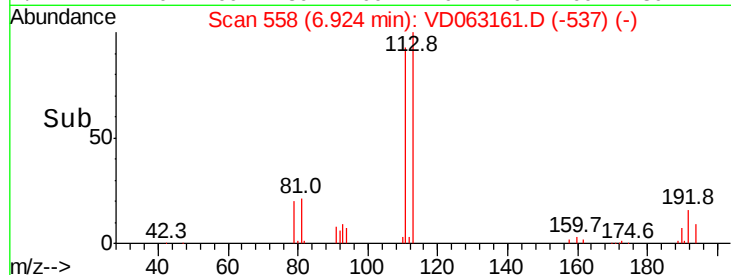
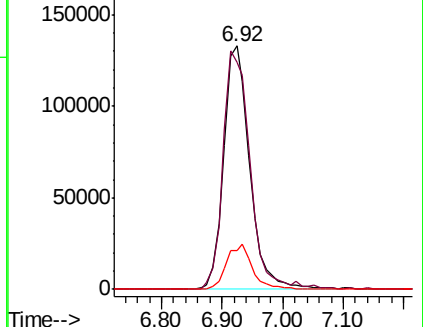
192 16.0 13.4 20.0



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: 39.030 ug/l

RT: 10.42 min Scan# 913

Delta R.T. 0.02 min

Lab File: VD063161.D

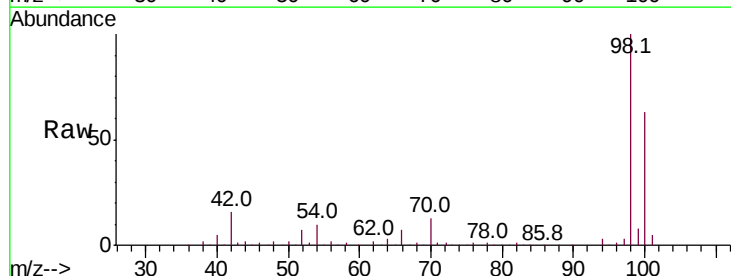
Acq: 19 Jul 2019 18:39

Tgt Ion: 98 Resp: 939835

Ion Ratio Lower Upper

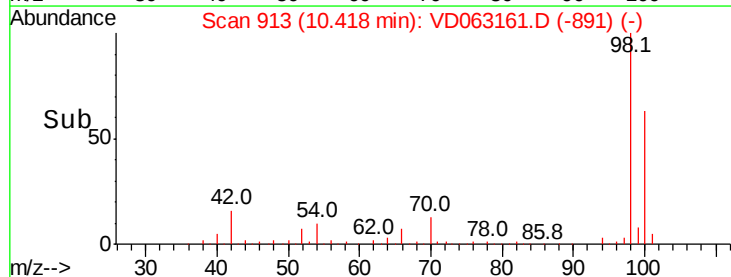
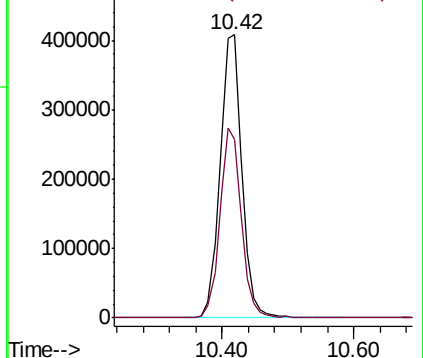
98 100

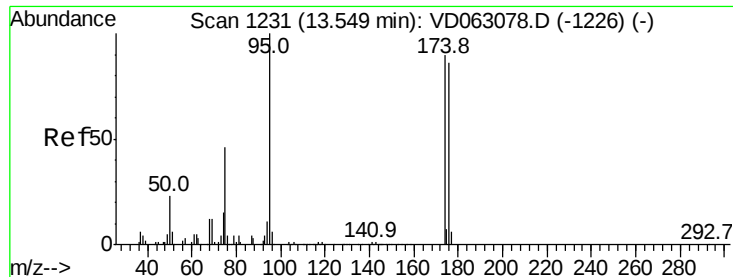
100 62.9 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 32.748 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD063161.D

Acq: 19 Jul 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

HJDC-G2

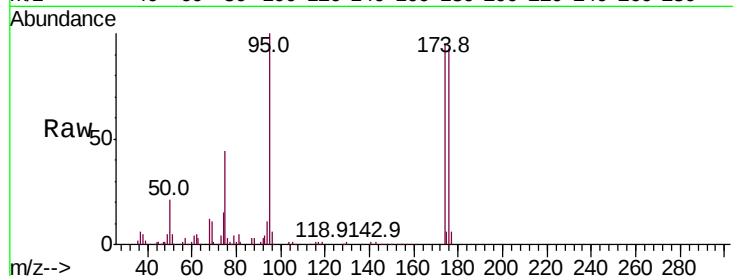
Tot Ion: 95 Resp: 364821

Ion Ratio Lower Upper

95 100

174 95.1 0.0 180.6

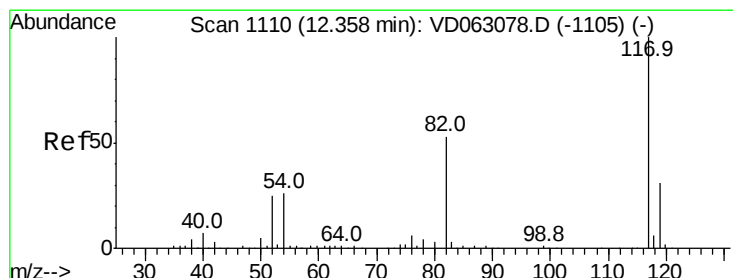
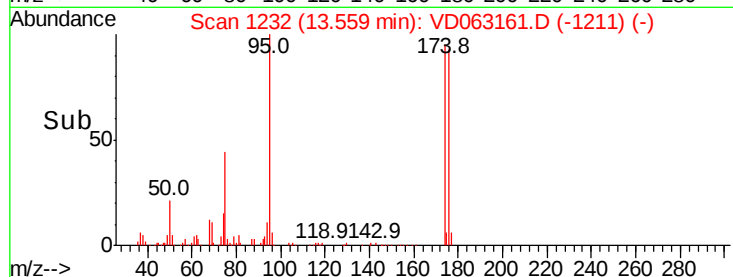
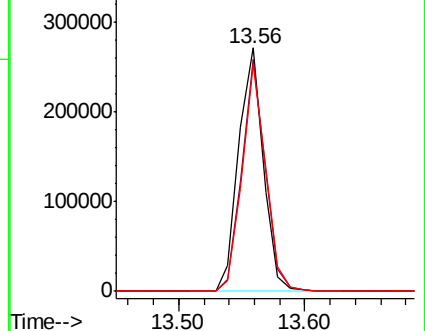
176 93.4 0.0 172.2



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD063161.D

Acq: 19 Jul 2019 18:39

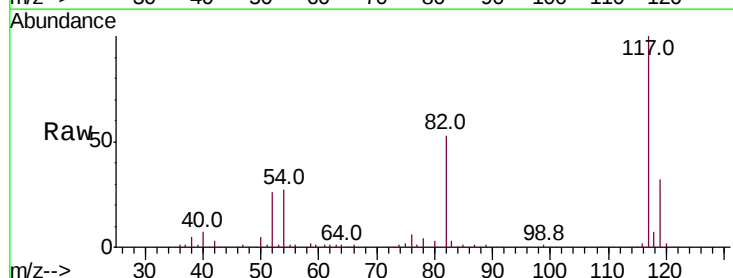
Tgt Ion: 117 Resp: 847459

Ion Ratio Lower Upper

117 100

82 52.8 42.3 63.5

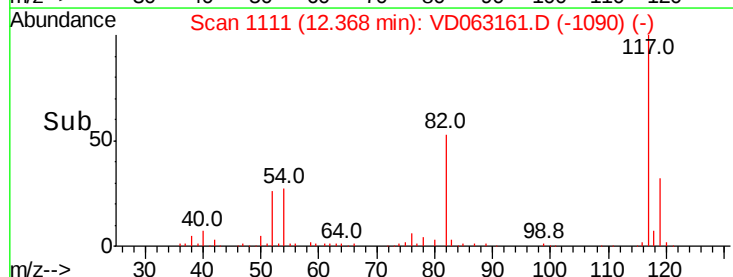
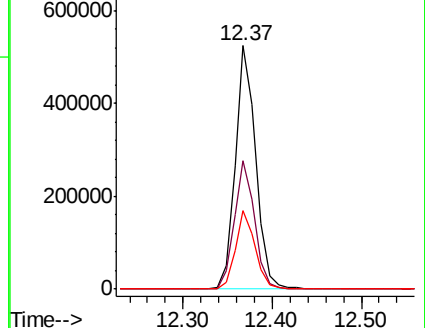
119 32.5 25.2 37.8

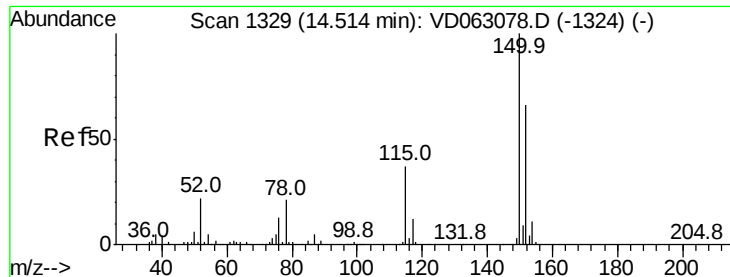


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD063161.D

Acq: 19 Jul 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

HJDC-G2

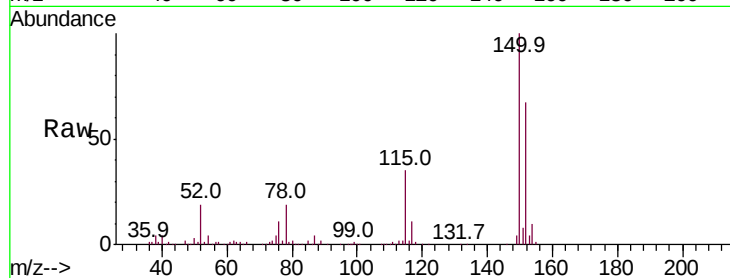
Tot Ion:152 Resp: 369598

Ion Ratio Lower Upper

152 100

115 51.5 28.9 86.8

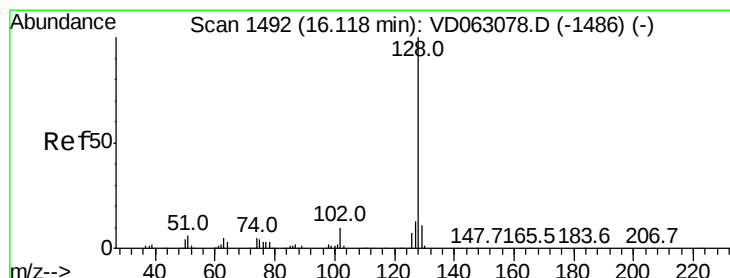
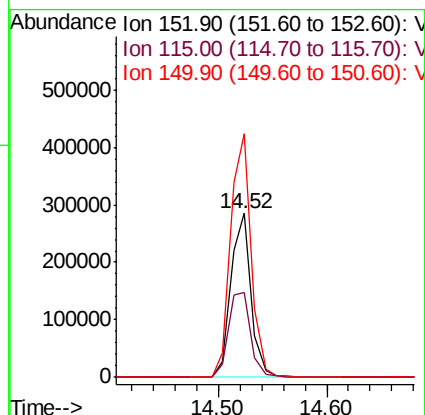
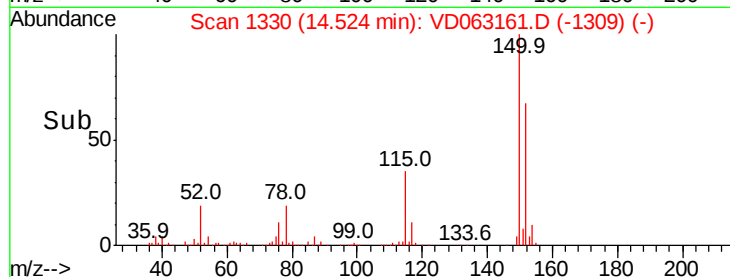
150 148.7 0.0 313.8



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: 1.159 ug/l

RT: 16.13 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VD063161.D

Acq: 19 Jul 2019 18:39

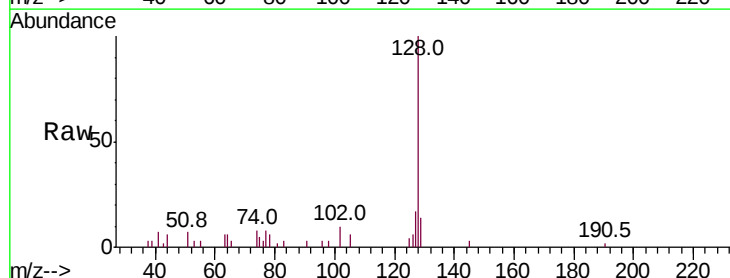
Tgt Ion:128 Resp: 16401

Ion Ratio Lower Upper

128 100

127 16.8 10.7 16.1#

129 14.3 8.7 13.1#



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

