

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072219\
 Data File : VD063184.D
 Acq On : 22 Jul 2019 18:33
 Operator : VA/AP
 Sample : K3897-02
 Misc : 6.40g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-F03-G03-F03A-G03A

Quant Time: Jul 23 08:39:39 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

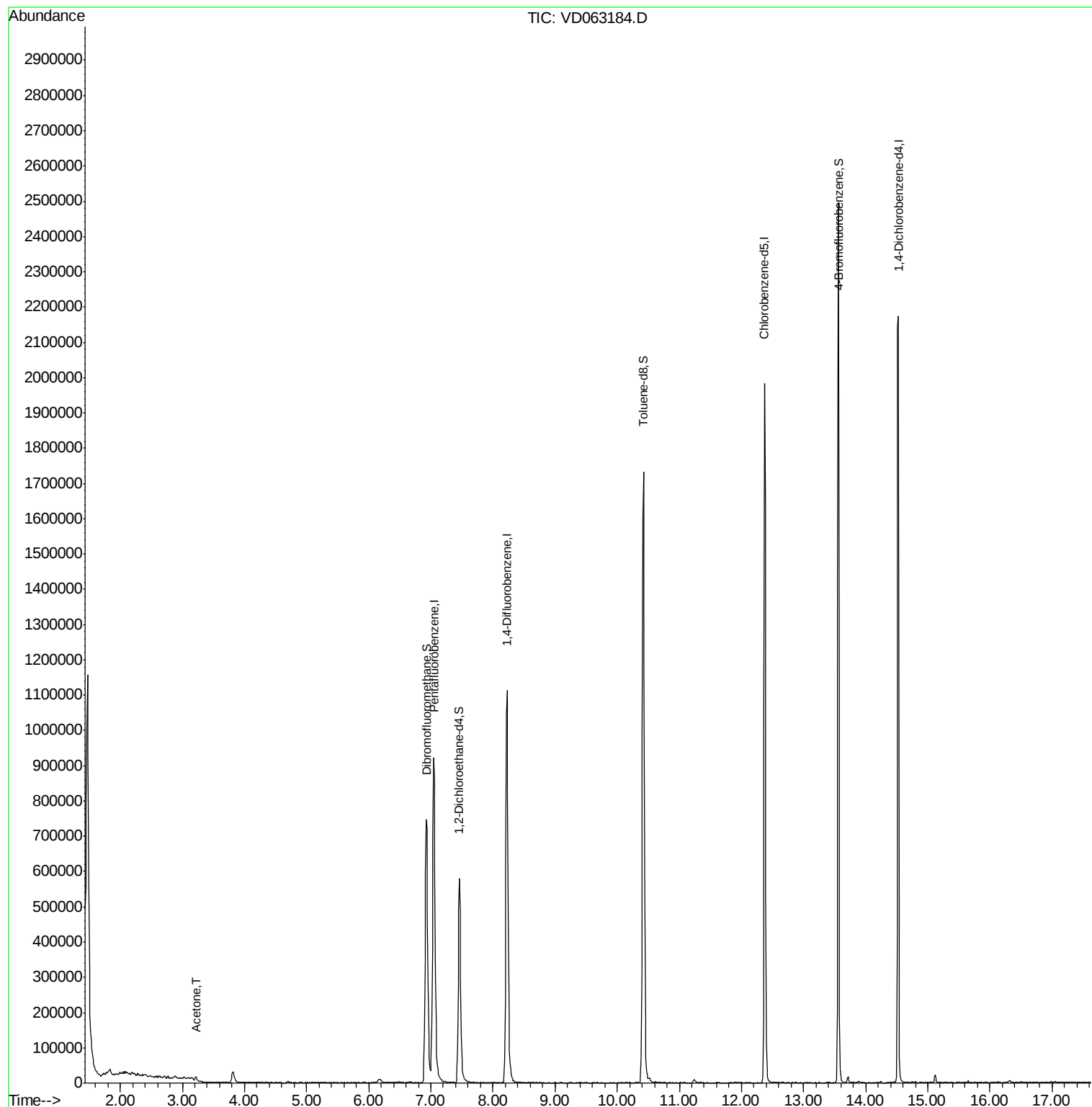
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	886339	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	1233428	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	1107655	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	541562	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	629001	56.97	ug/l	0.01
Spiked Amount 50.000			Recovery	=	113.94%	
35) Dibromofluoromethane	6.93	113	686650	55.89	ug/l	0.01
Spiked Amount 50.000			Recovery	=	111.78%	
50) Toluene-d8	10.42	98	1482663	56.19	ug/l	0.02
Spiked Amount 50.000			Recovery	=	112.38%	
62) 4-Bromofluorobenzene	13.56	95	651486	53.36	ug/l	0.01
Spiked Amount 50.000			Recovery	=	106.72%	
Target Compounds						
16) Acetone	3.22	43	24718	9.269	ug/l	Qvalue 100

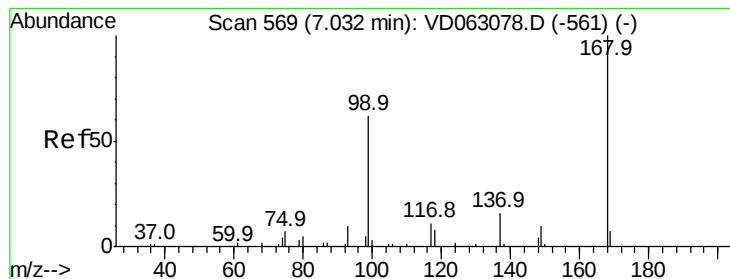
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072219\
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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# 571

Delta R.T. 0.01 min

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ClientSampleId :

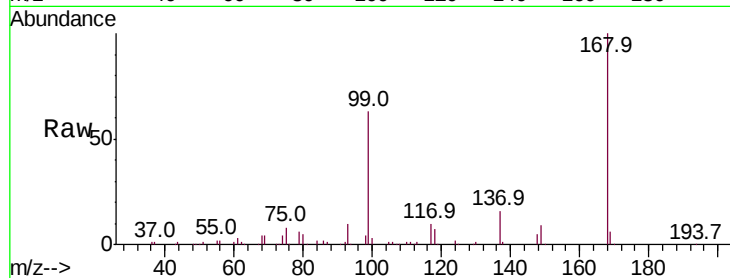
FK-BPM-01-F03-G03-F03A-G03A

Tot Ion:168 Resp: 886339

Ion Ratio Lower Upper

168 100

99 62.6 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

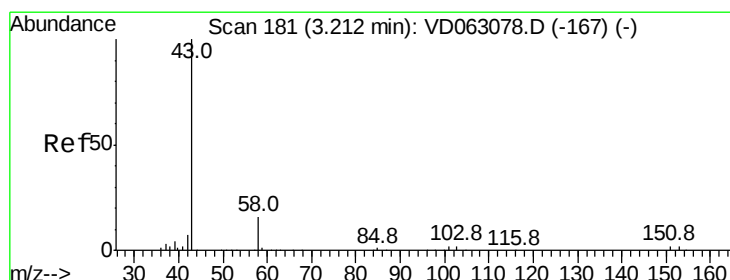
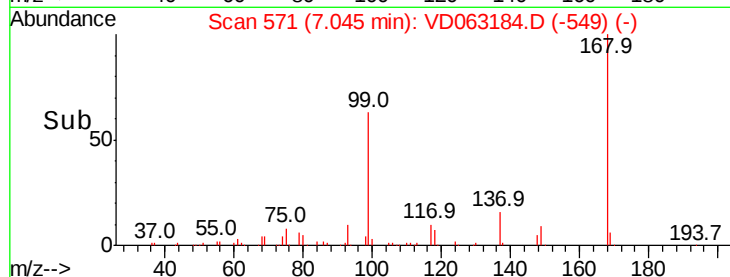
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 9.269 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD063184.D

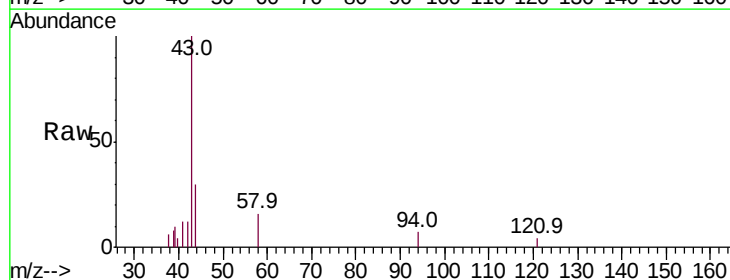
Acq: 22 Jul 2019 18:33

Tgt Ion: 43 Resp: 24718

Ion Ratio Lower Upper

43 100

58 16.0 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

10000

8000

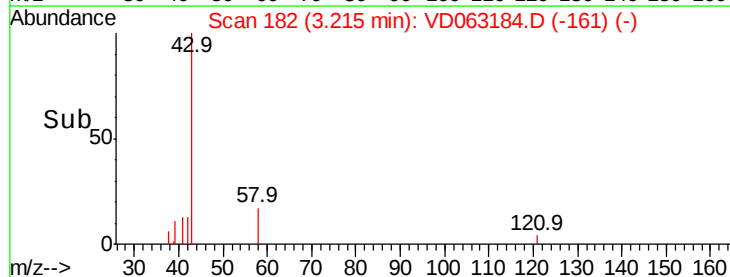
6000

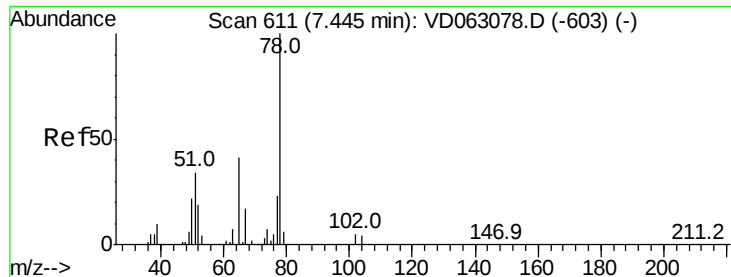
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 56.969 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD063184.D

Acq: 22 Jul 2019 18:33

Instrument :

MSVOA_D

ClientSampleId :

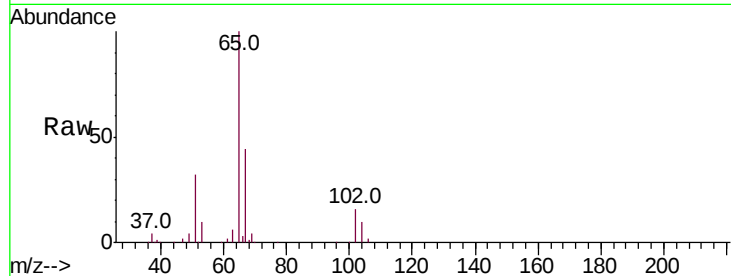
FK-BPM-01-F03-G03-F03A-G03A

Tot Ion: 65 Resp: 629001

Ion Ratio Lower Upper

65 100

67 43.9 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

250000

200000

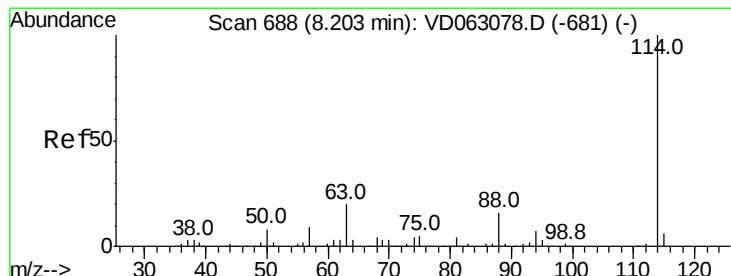
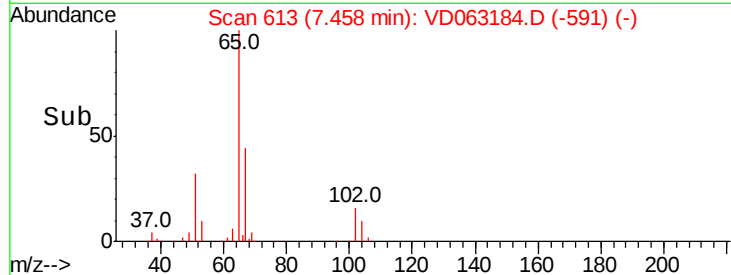
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.02 min

Lab File: VD063184.D

Acq: 22 Jul 2019 18:33

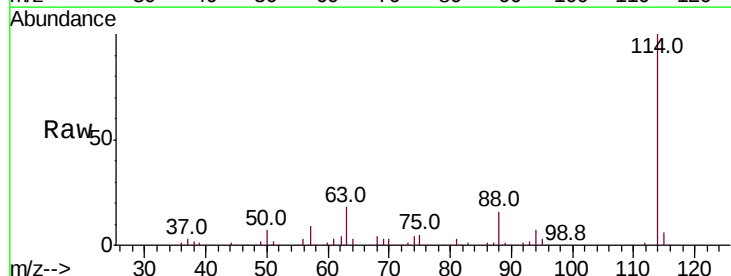
Tgt Ion: 114 Resp: 1233428

Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.6

88 16.4 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

8.23

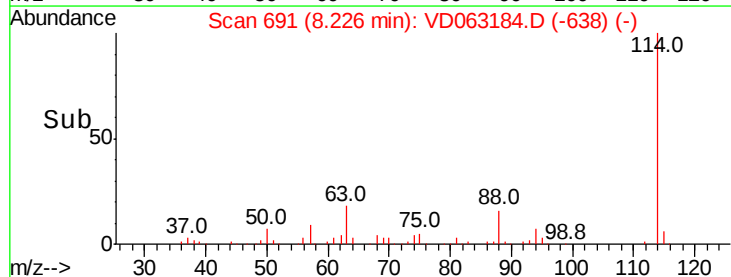
600000

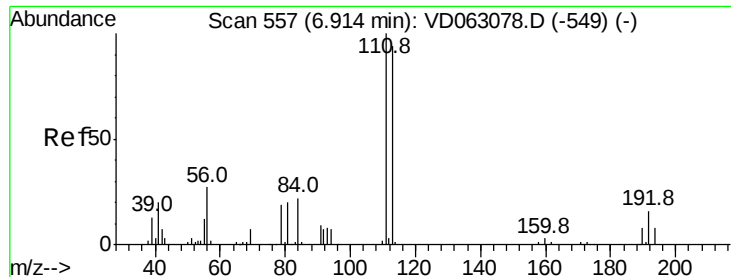
400000

200000

0

Time--> 8.10 8.20 8.30 8.40





#35

Dibromofluoromethane

Concen: 55.892 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.01 min

Lab File: VD063184.D

Acq: 22 Jul 2019 18:33

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03A

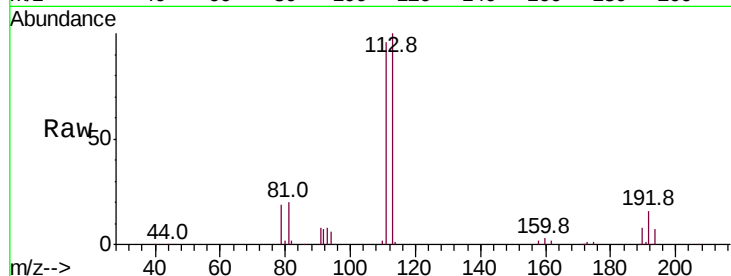
Tot Ion:113 Resp: 686650

Ion Ratio Lower Upper

113 100

111 96.1 84.8 127.2

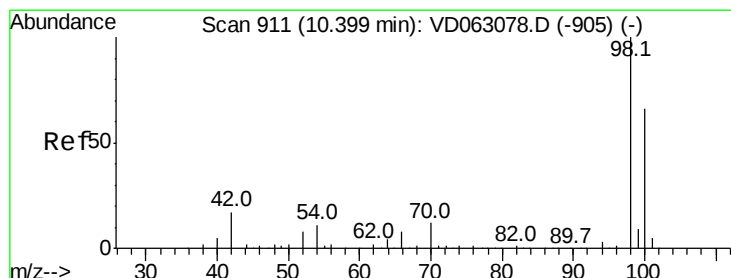
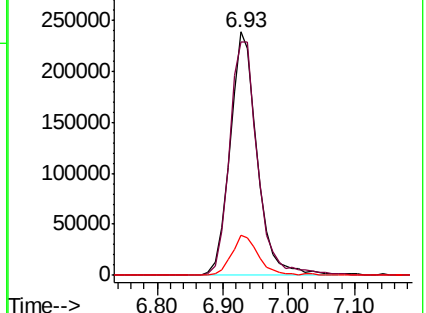
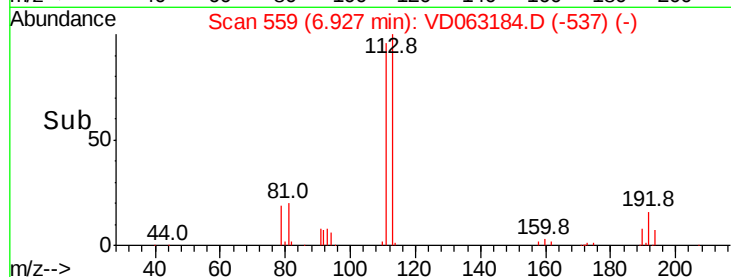
192 16.2 13.4 20.0



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: 56.185 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD063184.D

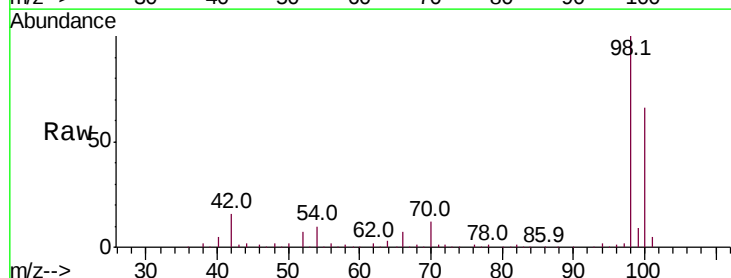
Acq: 22 Jul 2019 18:33

Tgt Ion: 98 Resp: 1482663

Ion Ratio Lower Upper

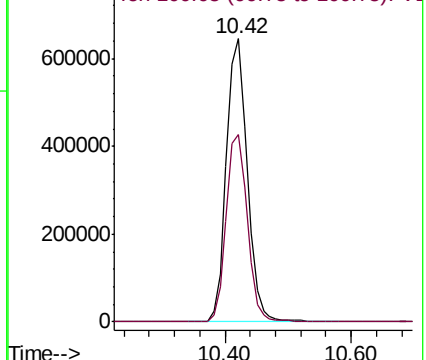
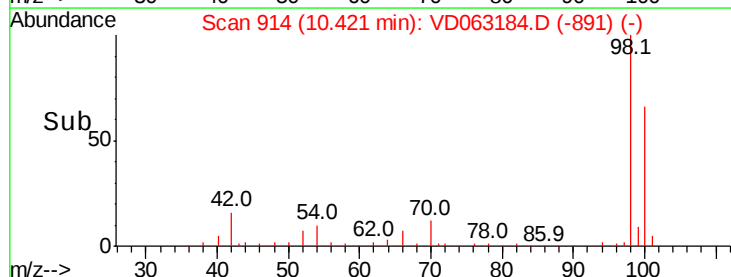
98 100

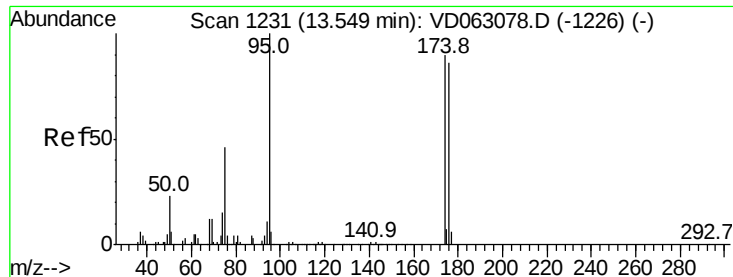
100 66.3 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 53.364 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD063184.D

Acq: 22 Jul 2019 18:33

Instrument :

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ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03A

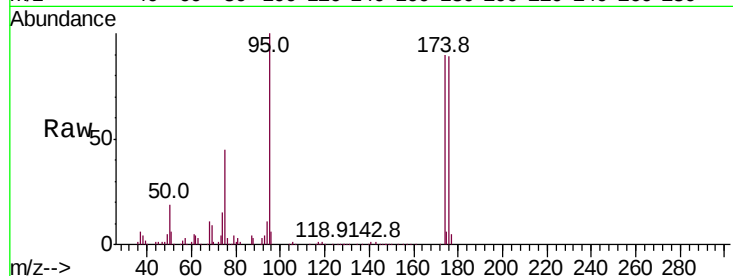
Tot Ion: 95 Resp: 651486

Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.6

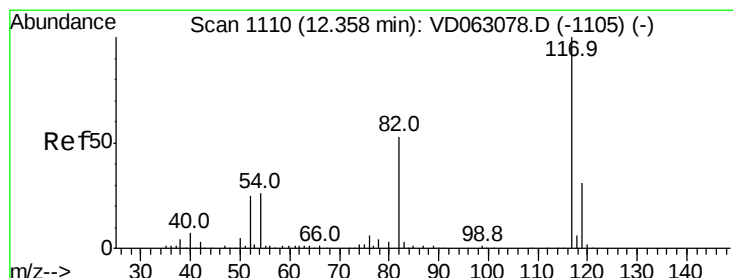
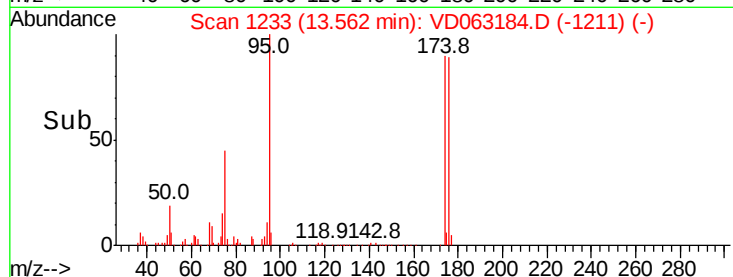
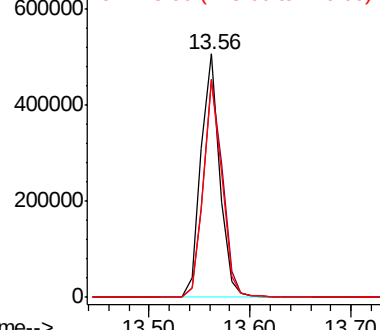
176 89.0 0.0 172.2



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# 1112

Delta R.T. 0.01 min

Lab File: VD063184.D

Acq: 22 Jul 2019 18:33

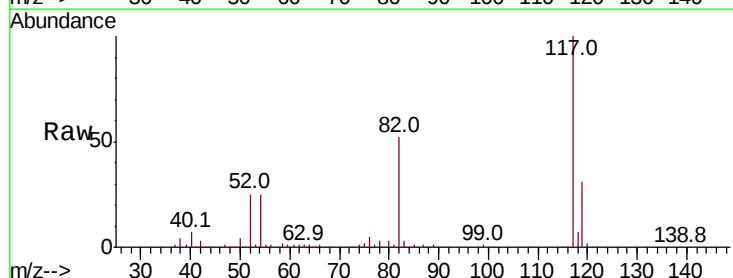
Tgt Ion: 117 Resp: 1107655

Ion Ratio Lower Upper

117 100

82 51.5 42.3 63.5

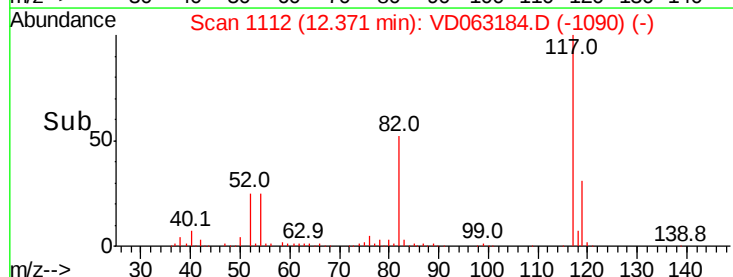
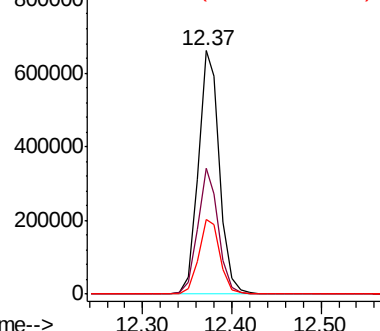
119 30.9 25.2 37.8

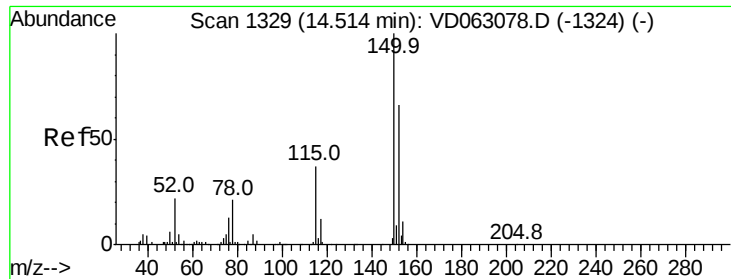


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.53 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD063184.D

Acq: 22 Jul 2019 18:33

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03A

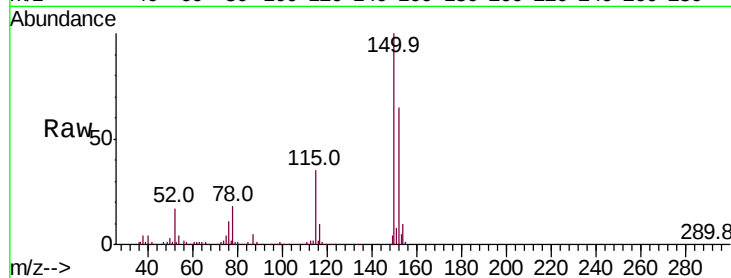
Tot Ion:152 Resp: 541562

Ion Ratio Lower Upper

152 100

115 53.9 28.9 86.8

150 153.9 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

