

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080119\
 Data File : VD063303.D
 Acq On : 1 Aug 2019 20:08
 Operator : VA/AP
 Sample : K4120-13
 Misc : 4.85g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SW-3

Quant Time: Aug 02 08:29:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

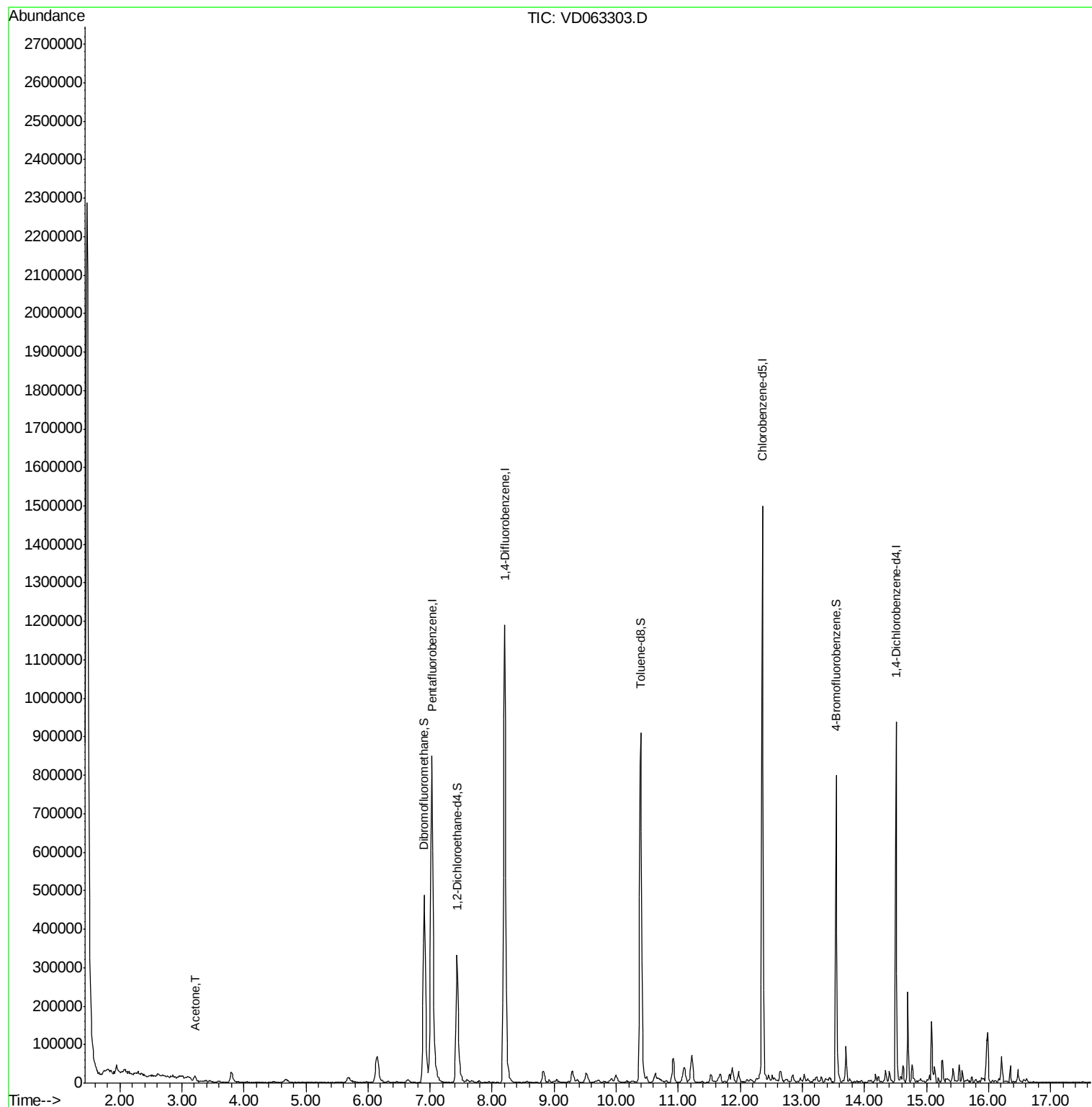
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	842986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1270036	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	778376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	189891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	349905	37.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.82%	
35) Dibromofluoromethane	6.90	113	429180	39.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.16%	
50) Toluene-d8	10.40	98	755795	31.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.28%	
62) 4-Bromofluorobenzene	13.55	95	214057	19.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.72%	
Target Compounds						
16) Acetone	3.21	43	27726	15.213	ug/l #	Qvalue 91

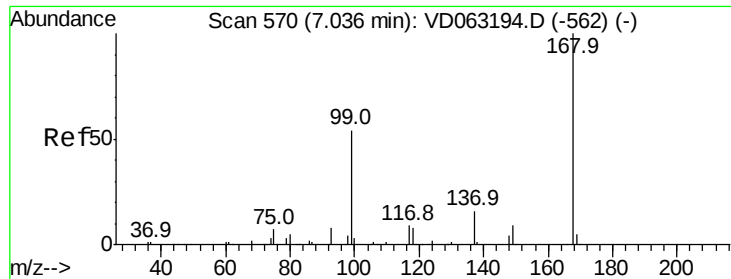
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080119\
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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.01 min

Lab File: VD063303.D

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Instrument :

MSVOA_D

ClientSampleId :

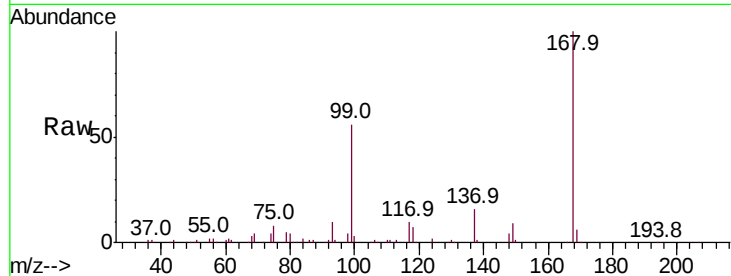
SW-3

Tot Ion:168 Resp: 842986

Ion Ratio Lower Upper

168 100

99 56.5 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

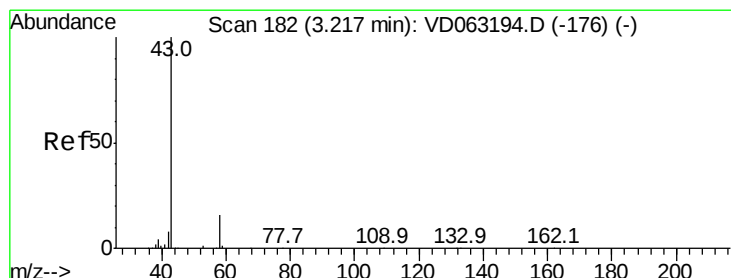
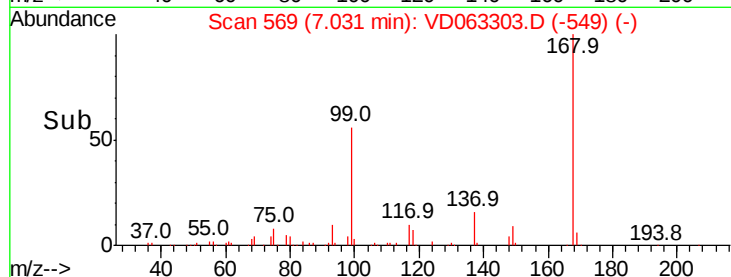
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 15.213 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD063303.D

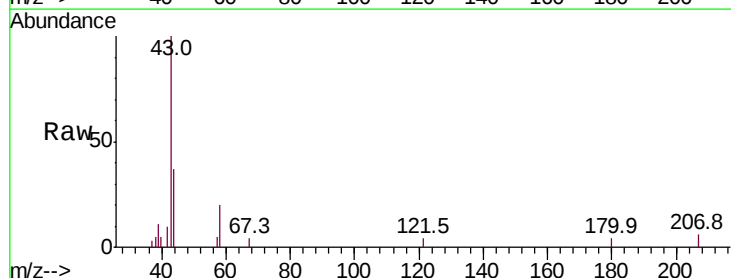
Acq: 1 Aug 2019 20:08

Tgt Ion: 43 Resp: 27726

Ion Ratio Lower Upper

43 100

58 19.8 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

8000

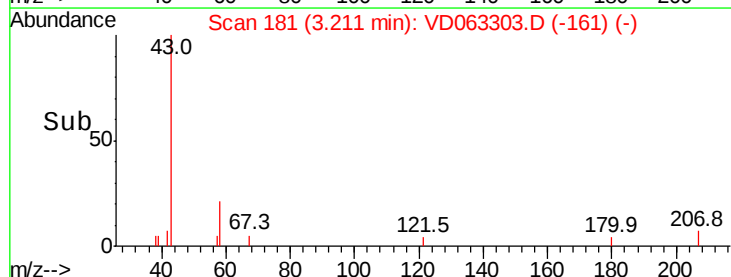
6000

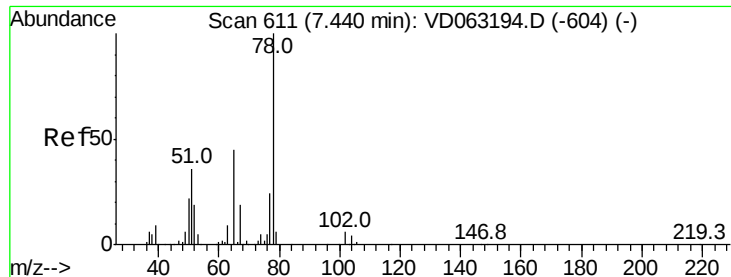
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 37.408 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.01 min

Lab File: VD063303.D

Acq: 1 Aug 2019 20:08

Instrument :

MSVOA_D

ClientSampleId :

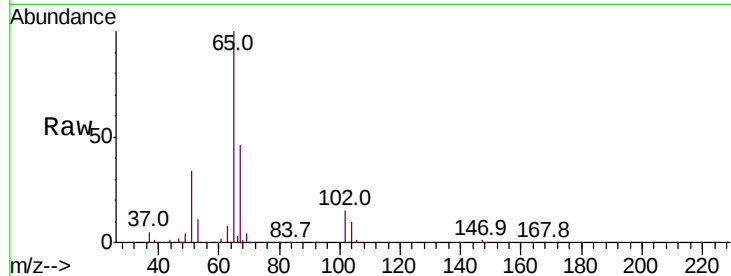
SW-3

Tot Ion: 65 Resp: 349905

Ion Ratio Lower Upper

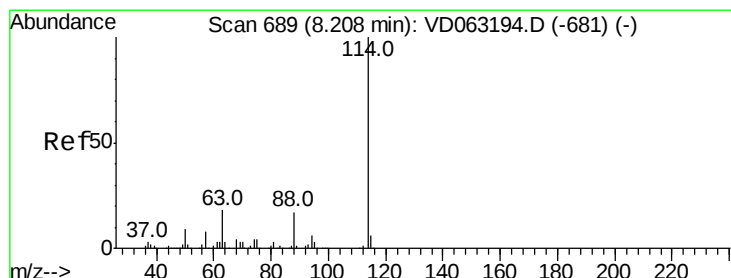
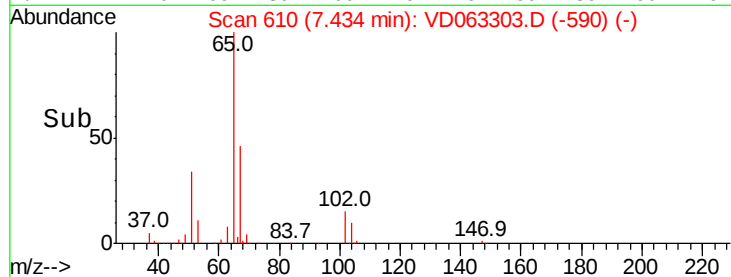
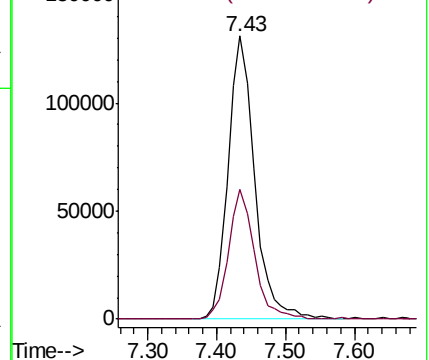
65 100

67 45.7 0.0 85.8



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: 8.20 min Scan# 688

Delta R.T. -0.01 min

Lab File: VD063303.D

Acq: 1 Aug 2019 20:08

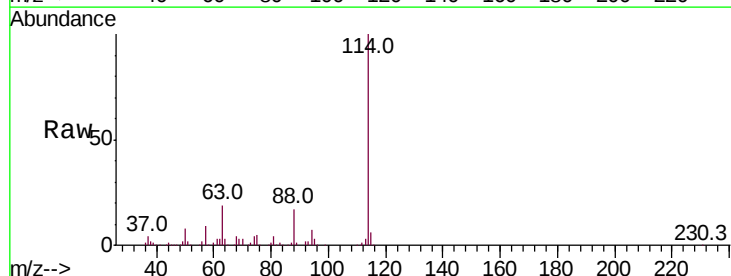
Tgt Ion: 114 Resp: 1270036

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.2

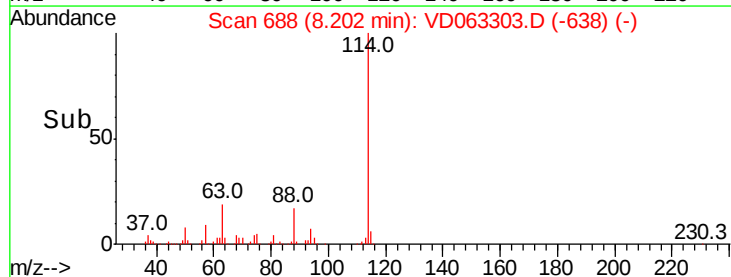
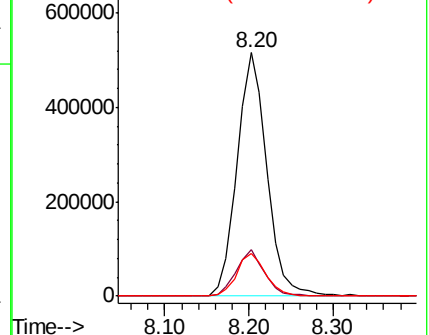
88 17.3 0.0 34.6

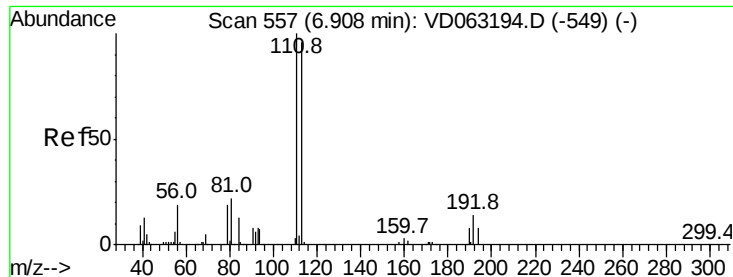


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 39.580 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.01 min

Lab File: VD063303.D

Acq: 1 Aug 2019 20:08

Instrument :

MSVOA_D

ClientSampleId :

SW-3

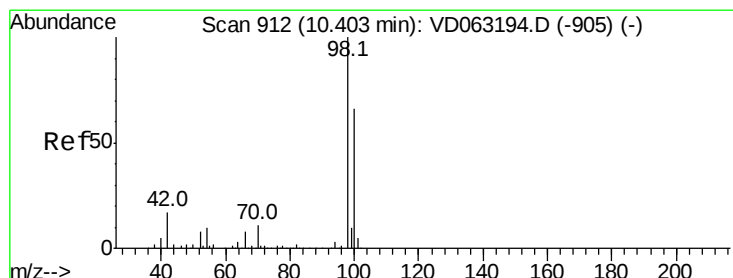
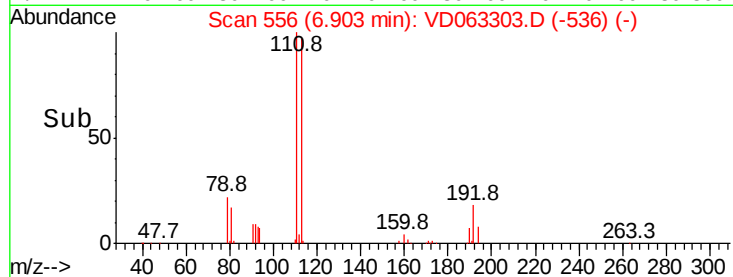
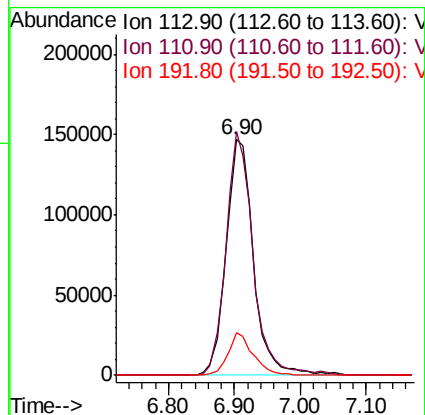
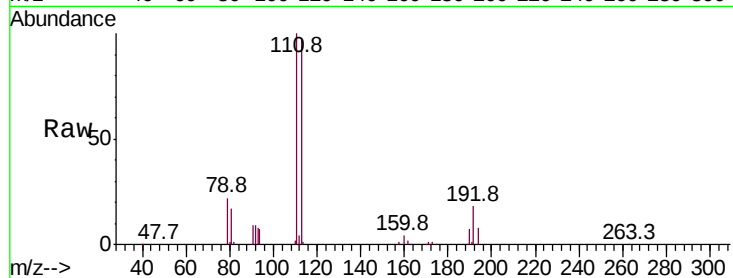
Tot Ion:113 Resp: 429180

Ion Ratio Lower Upper

113 100

111 103.4 83.2 124.8

192 18.4 11.8 17.8#



#50

Toluene-d8

Concen: 31.144 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD063303.D

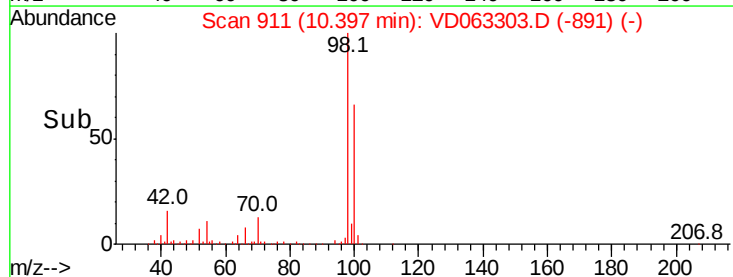
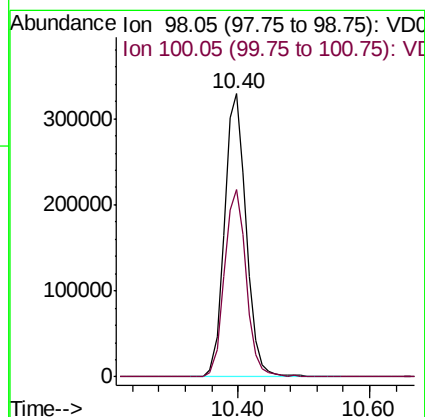
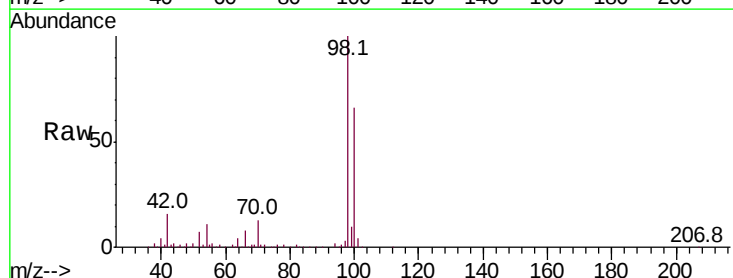
Acq: 1 Aug 2019 20:08

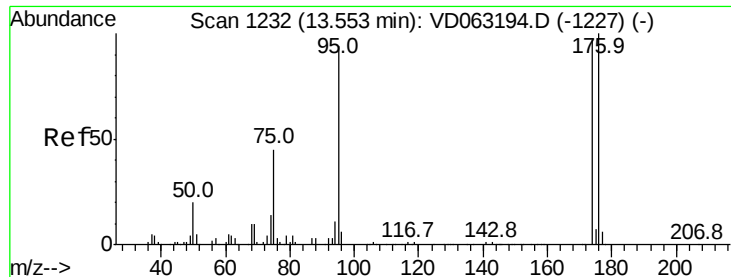
Tgt Ion: 98 Resp: 755795

Ion Ratio Lower Upper

98 100

100 66.2 53.2 79.8





#62

4-Bromofluorobenzene

Concen: 19.357 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063303.D

Acq: 1 Aug 2019 20:08

Instrument :

MSVOA_D

ClientSampleId :

SW-3

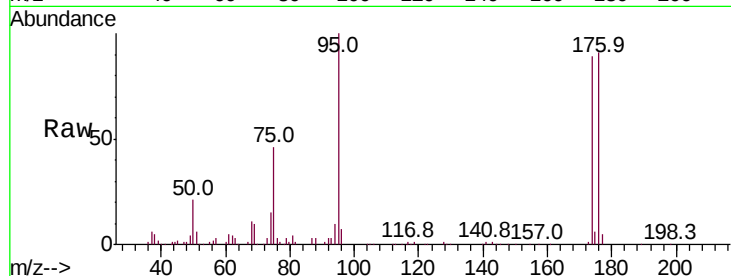
Tot Ion: 95 Resp: 214057

Ion Ratio Lower Upper

95 100

174 89.3 0.0 205.4

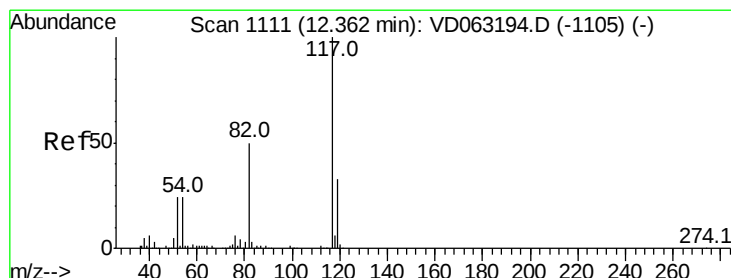
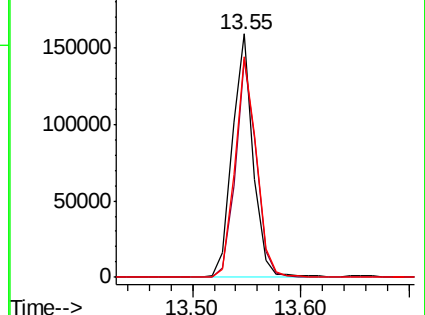
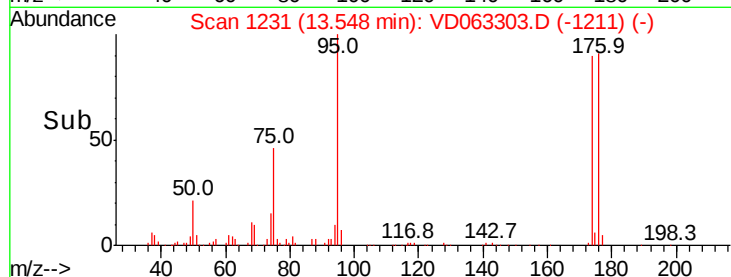
176 90.8 0.0 211.8



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: 12.36 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD063303.D

Acq: 1 Aug 2019 20:08

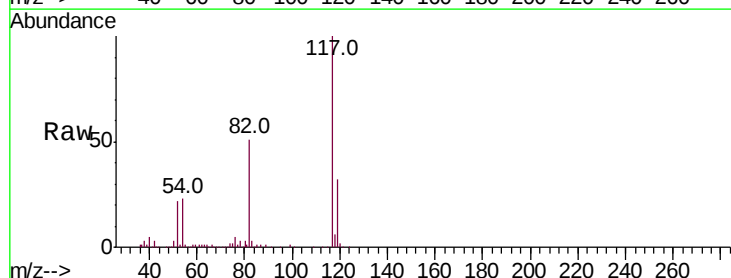
Tgt Ion: 117 Resp: 778376

Ion Ratio Lower Upper

117 100

82 50.5 40.1 60.1

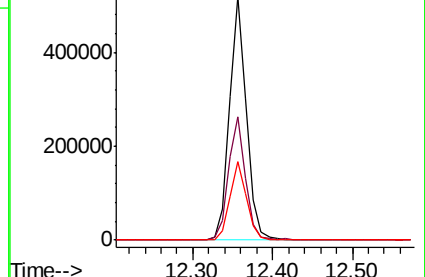
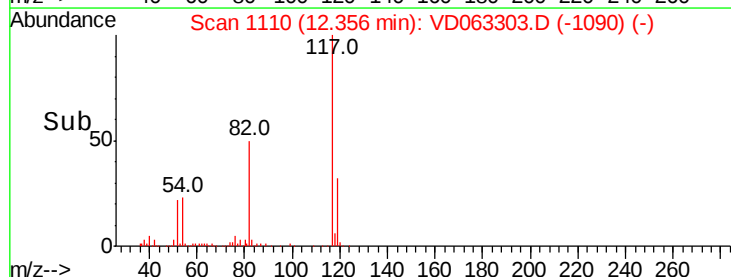
119 32.2 26.5 39.7

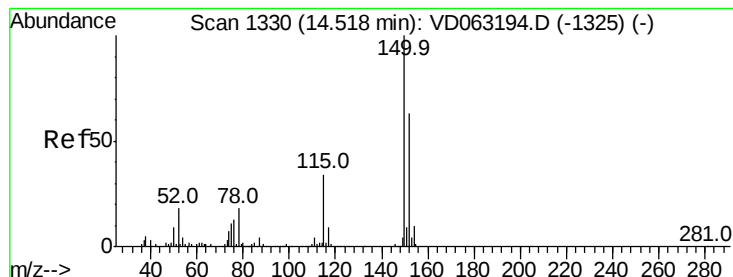


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD063303.D

Acq: 1 Aug 2019 20:08

Instrument :

MSVOA_D

ClientSampleId :

SW-3

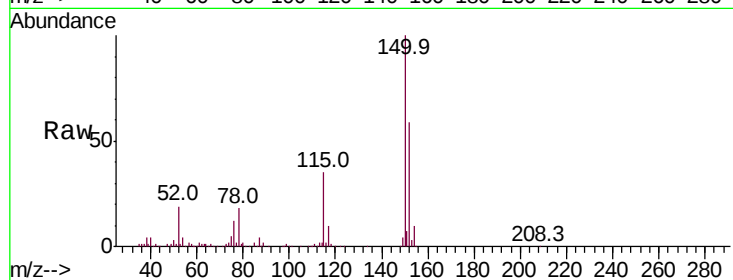
Tot Ion:152 Resp: 189891

Ion Ratio Lower Upper

152 100

115 59.6 27.5 82.4

150 169.0 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

