

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063221.D
 Acq On : 30 Jul 2019 3:06
 Operator : VA/AP
 Sample : K4049-08
 Misc : 4.46g/5ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-8

Quant Time: Jul 30 04:28:44 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

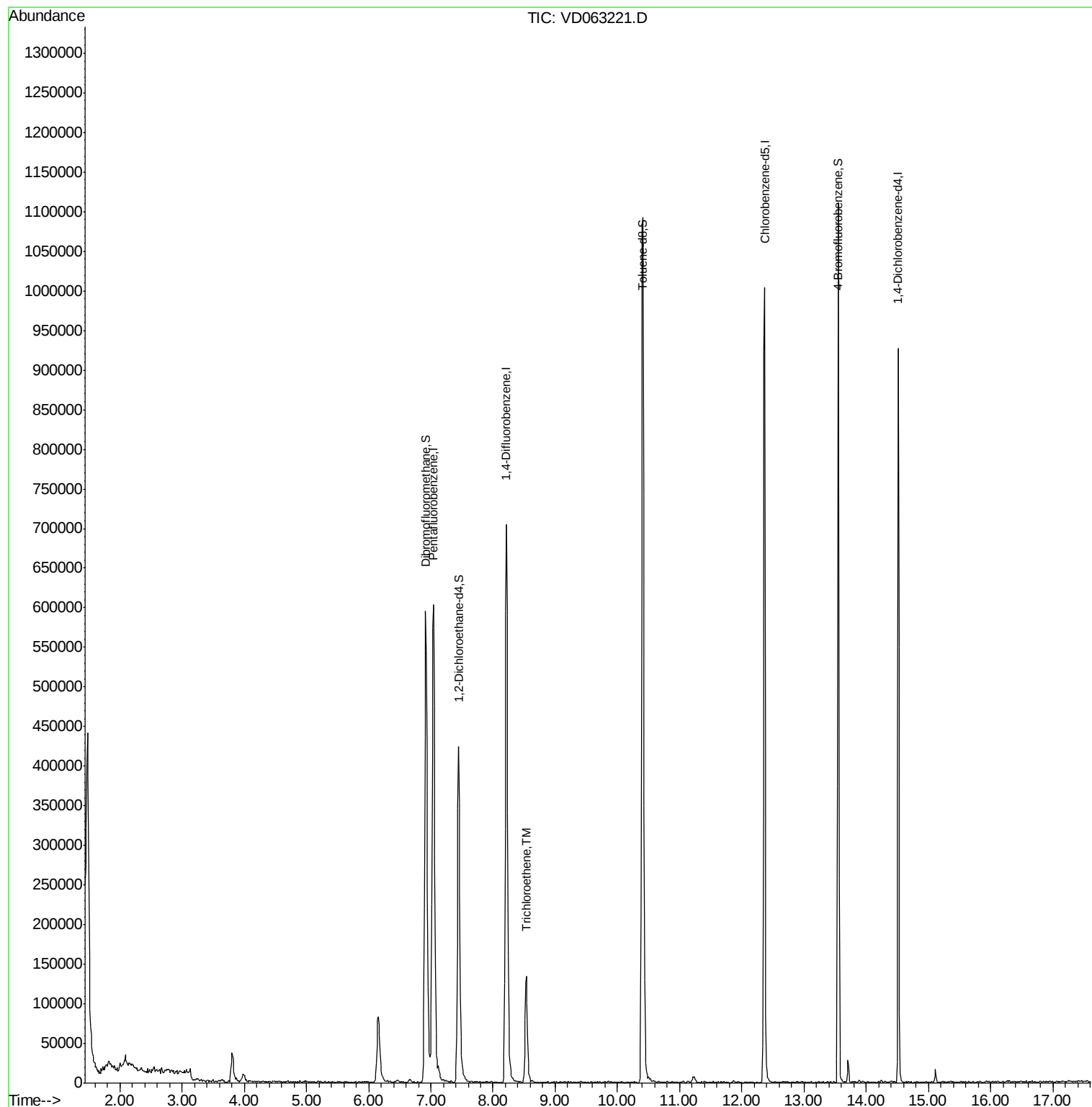
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	595328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	774335	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	567448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	197442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	476103	72.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	144.14%	
35) Dibromofluoromethane	6.91	113	522153	78.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	157.96%	
50) Toluene-d8	10.41	98	941982	63.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.34%	
62) 4-Bromofluorobenzene	13.55	95	335161	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
Target Compounds						
44) Trichloroethene	8.54	130	58113	9.683	ug/l	Qvalue 98

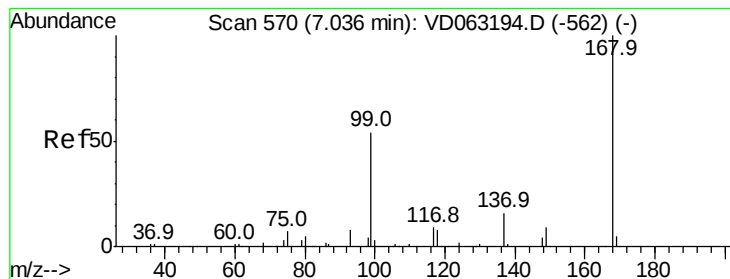
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD063221.D

Acq: 30 Jul 2019 3:06

Instrument :

MSVOA_D

ClientSampleId :

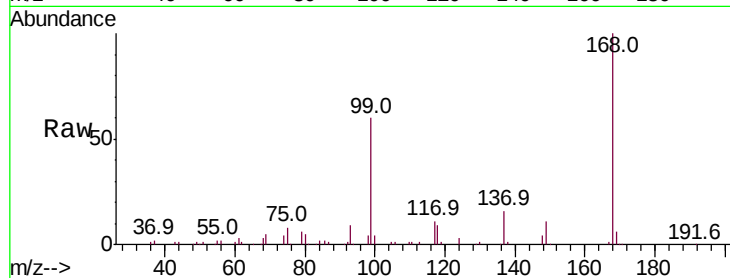
SP-8

Tot Ion:168 Resp: 595328

Ion Ratio Lower Upper

168 100

99 60.4 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

200000

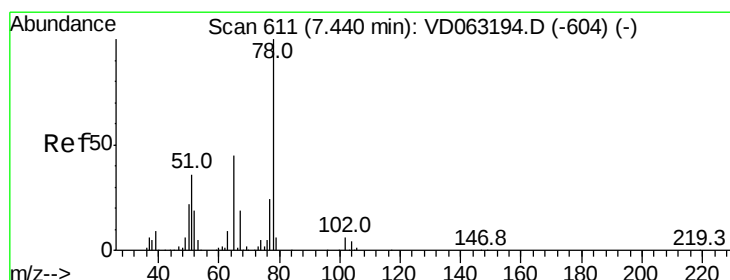
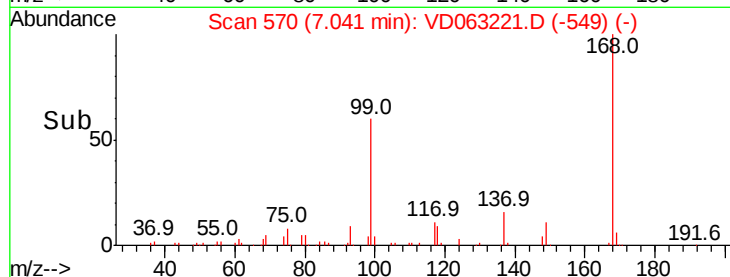
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 72.074 ug/l

RT: 7.45 min Scan# 611

Delta R.T. 0.01 min

Lab File: VD063221.D

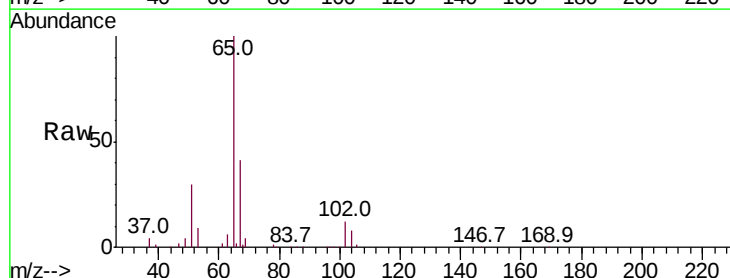
Acq: 30 Jul 2019 3:06

Tgt Ion: 65 Resp: 476103

Ion Ratio Lower Upper

65 100

67 41.1 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

200000

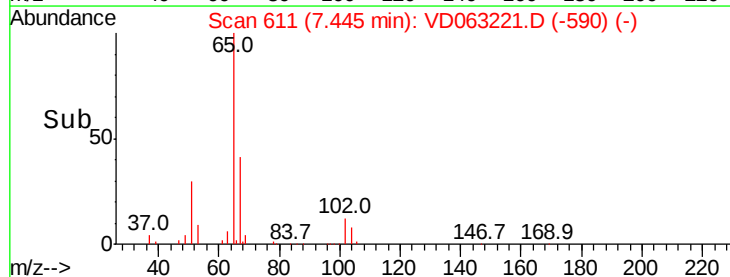
150000

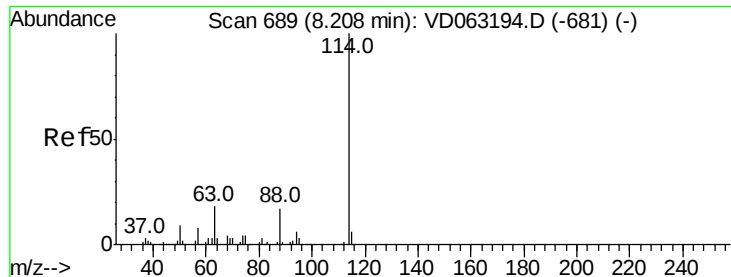
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. 0.01 min

Lab File: VD063221.D

Acq: 30 Jul 2019 3:06

Instrument :

MSVOA_D

ClientSampleId :

SP-8

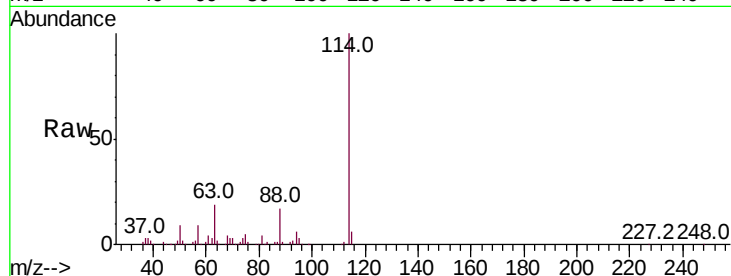
Tot Ion:114 Resp: 774335

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.2

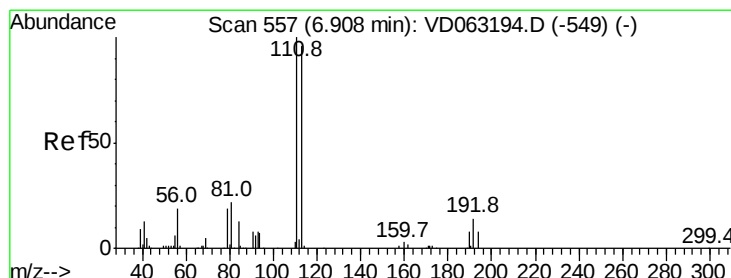
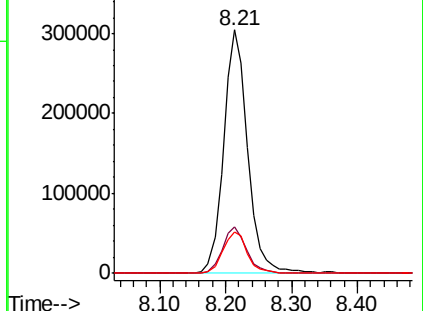
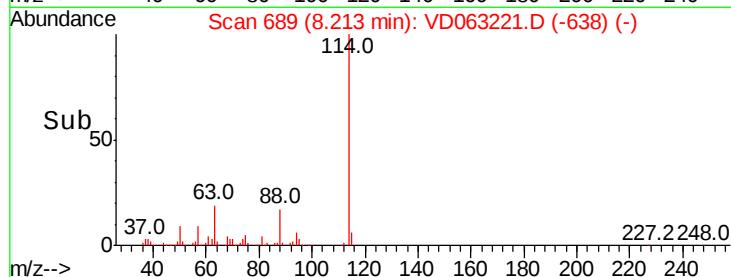
88 17.1 0.0 34.6



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: 78.980 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.01 min

Lab File: VD063221.D

Acq: 30 Jul 2019 3:06

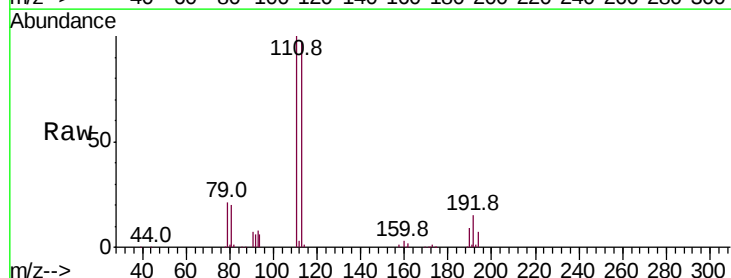
Tgt Ion:113 Resp: 522153

Ion Ratio Lower Upper

113 100

111 103.6 83.2 124.8

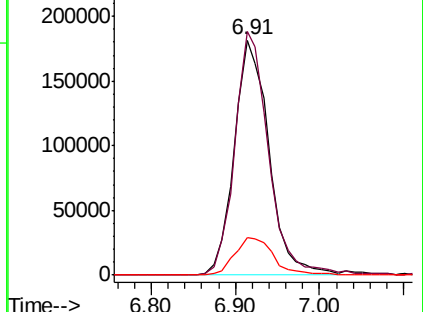
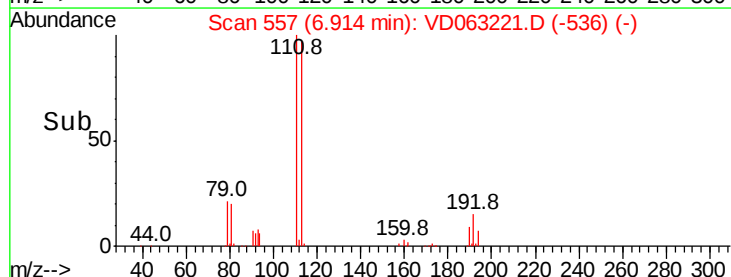
192 16.0 11.8 17.8

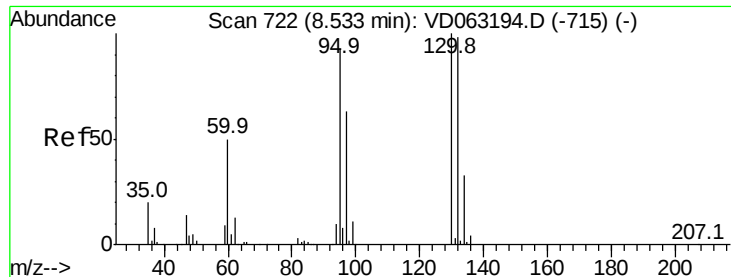


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

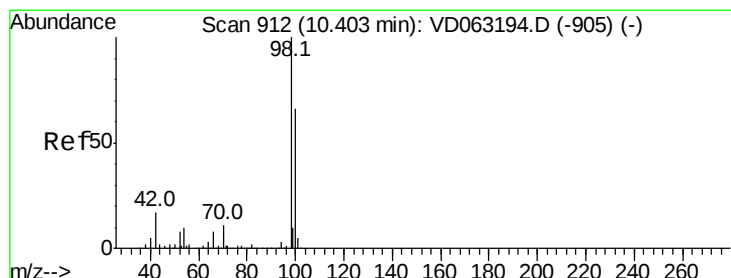
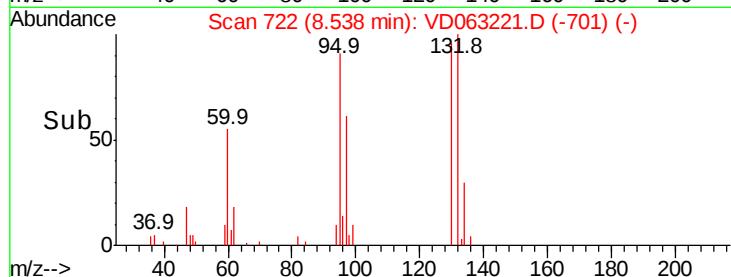
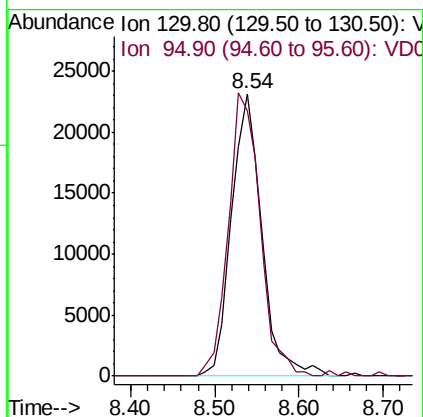
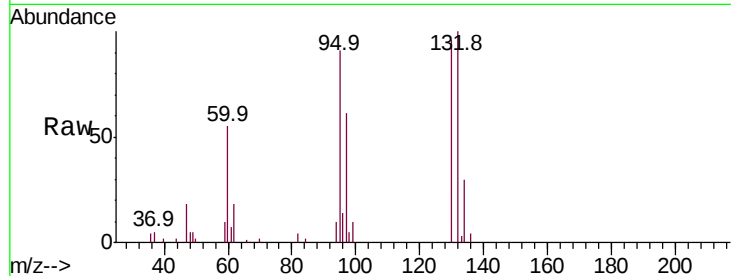




#44
 Trichloroethene
 Concen: 9.683 ug/l
 RT: 8.54 min Scan# 722
 Delta R.T. 0.01 min
 Lab File: VD063221.D
 Acq: 30 Jul 2019 3:06

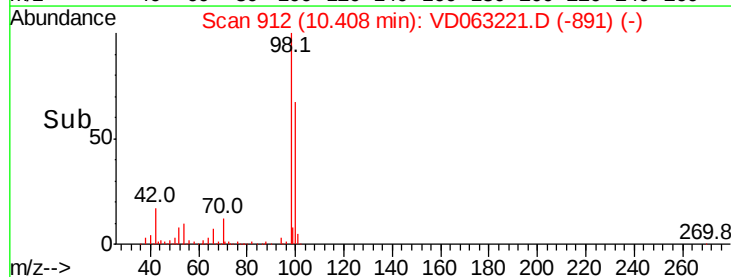
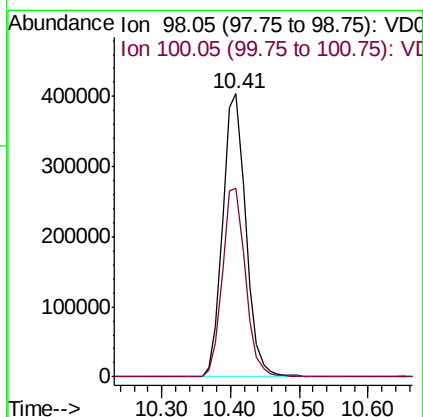
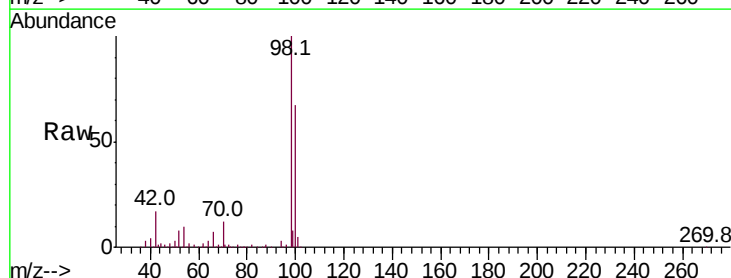
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-8

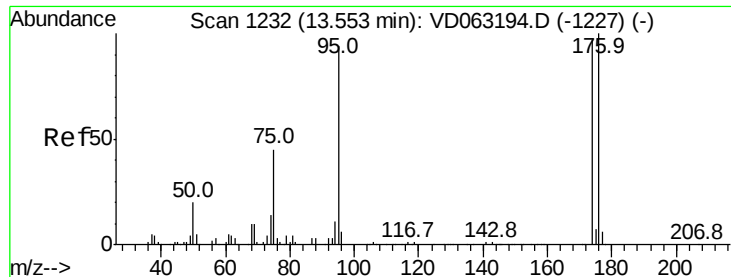
Tot Ion:130 Resp: 58113
 Ion Ratio Lower Upper
 130 100
 95 94.2 0.0 185.4



#50
 Toluene-d8
 Concen: 63.666 ug/l
 RT: 10.41 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: VD063221.D
 Acq: 30 Jul 2019 3:06

Tgt Ion: 98 Resp: 941982
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.2 79.8





#62

4-Bromofluorobenzene

Concen: 49.710 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD063221.D

Acq: 30 Jul 2019 3:06

Instrument :

MSVOA_D

ClientSampleId :

SP-8

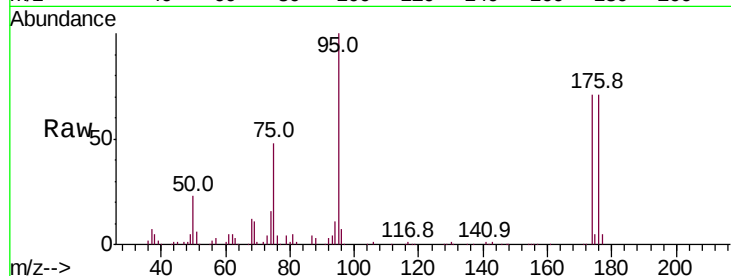
Tot Ion: 95 Resp: 335161

Ion Ratio Lower Upper

95 100

174 71.2 0.0 205.4

176 71.3 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

13.55

250000

200000

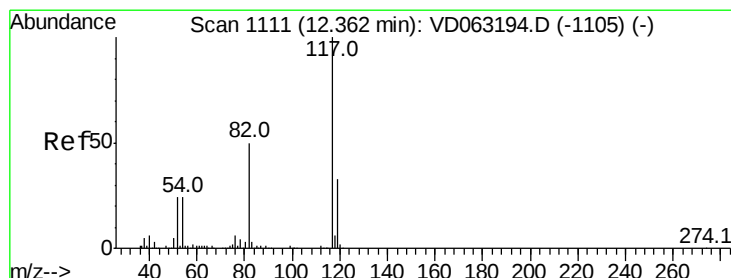
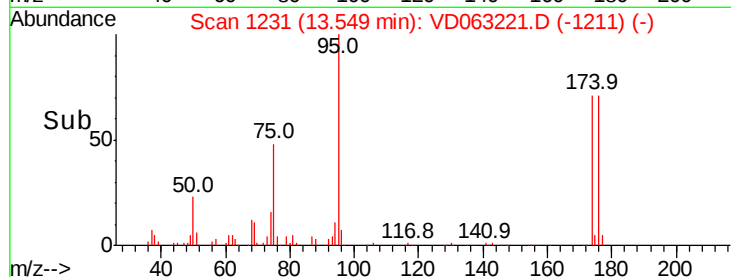
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD063221.D

Acq: 30 Jul 2019 3:06

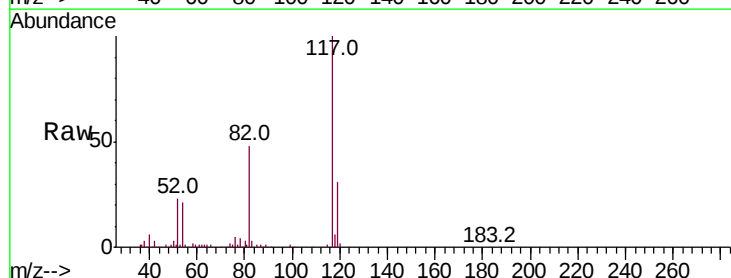
Tgt Ion: 117 Resp: 567448

Ion Ratio Lower Upper

117 100

82 48.2 40.1 60.1

119 30.9 26.5 39.7



Abundance Ion 116.95 (116.65 to 117.65): VDC

Ion 82.05 (81.75 to 82.75): VDC

Ion 118.95 (118.65 to 119.65): VDC

12.37

400000

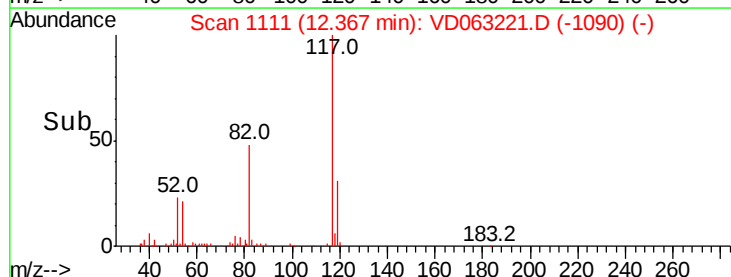
300000

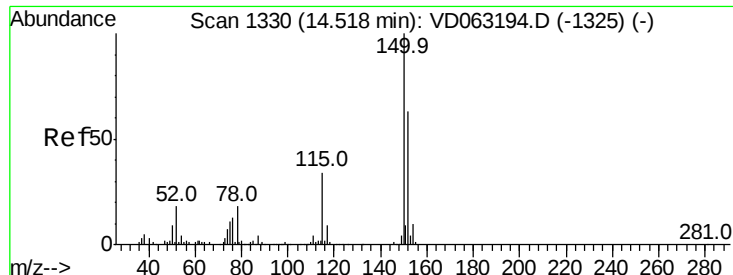
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.00 min

Lab File: VD063221.D

Acq: 30 Jul 2019 3:06

Instrument :

MSVOA_D

ClientSampleId :

SP-8

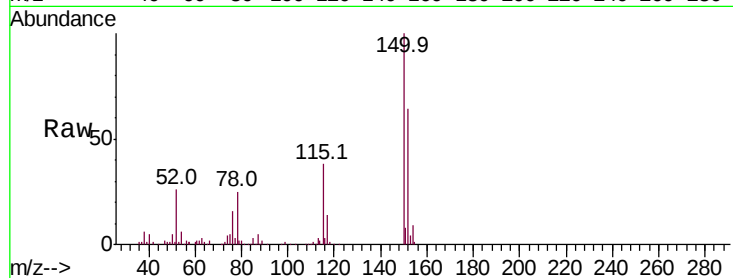
Tot Ion:152 Resp: 197442

Ion Ratio Lower Upper

152 100

115 58.4 27.5 82.4

150 155.2 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

