

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082319\
 Data File : VD063775.D
 Acq On : 23 Aug 2019 19:16
 Operator : JC/SY
 Sample : K4462-03
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-47-9.5-10.0

Quant Time: Aug 26 11:43:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

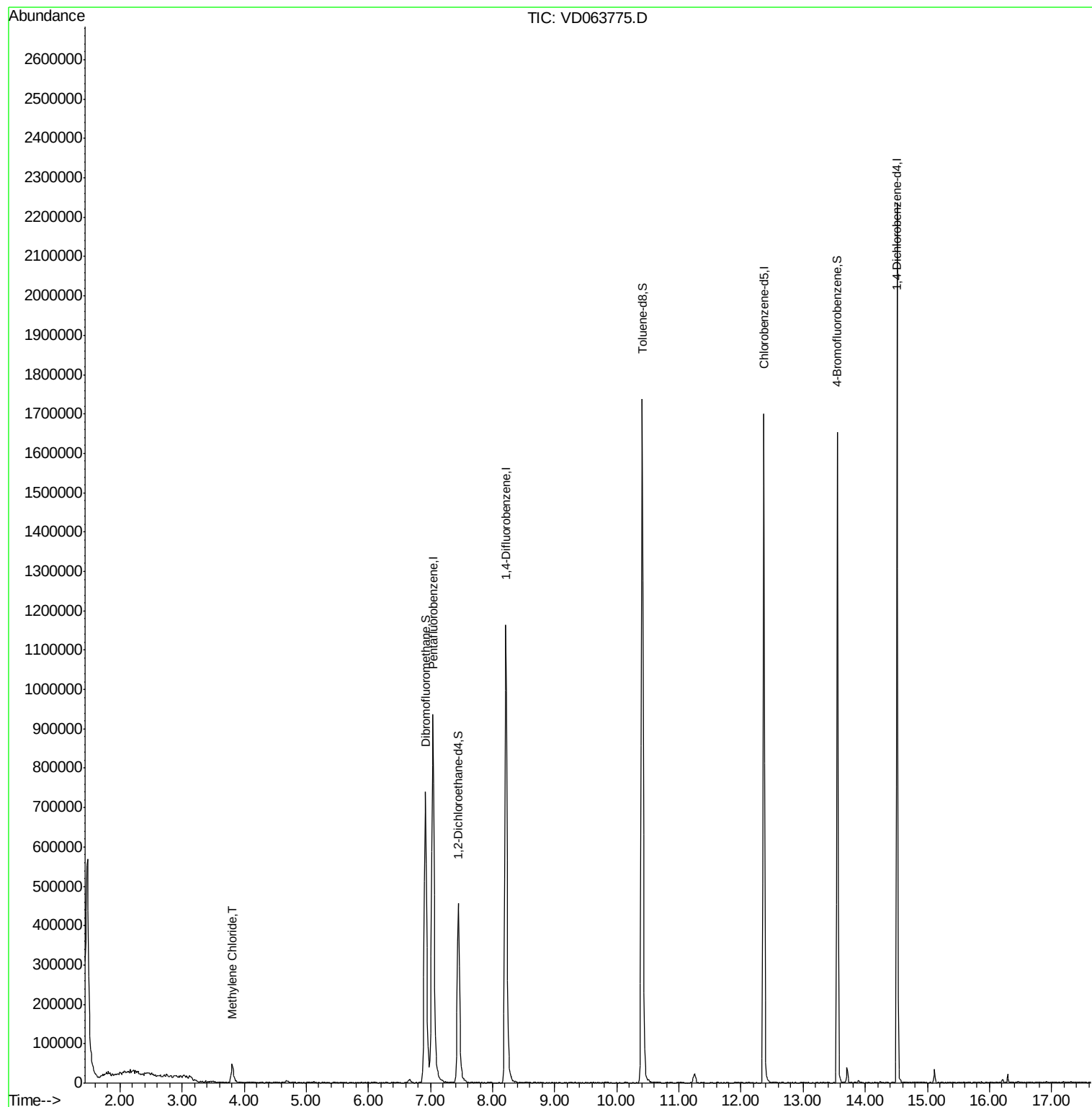
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	938186	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1300913	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	970906	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	468409	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	529568	52.81	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.62%	
35) Dibromofluoromethane	6.92	113	673193	61.44	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	122.88%	
50) Toluene-d8	10.41	98	1483942	61.60	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	123.20%	
62) 4-Bromofluorobenzene	13.55	95	520213	47.65	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	95.30%	
Target Compounds						
20) Methylene Chloride	3.80	84	27828	3.157	ug/l	Qvalue 96

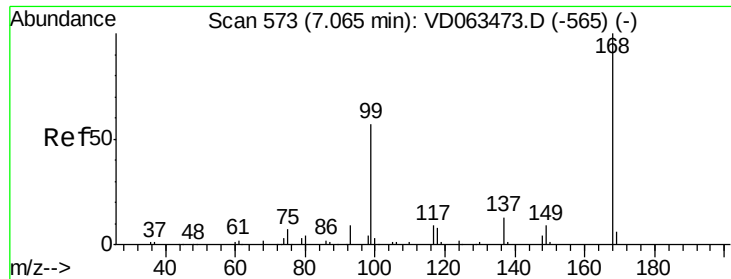
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.02 min

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ClientSampleId :

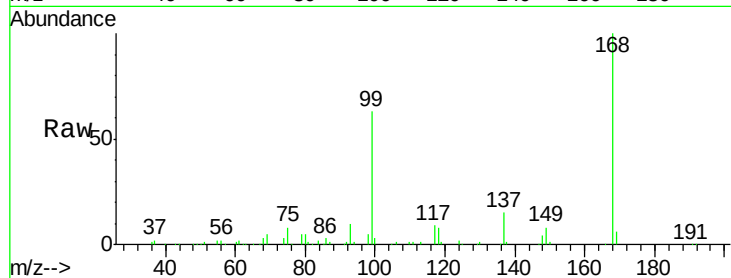
SB-47-9.5-10.0

Tot Ion:168 Resp: 938186

Ion Ratio Lower Upper

168 100

99 63.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

300000

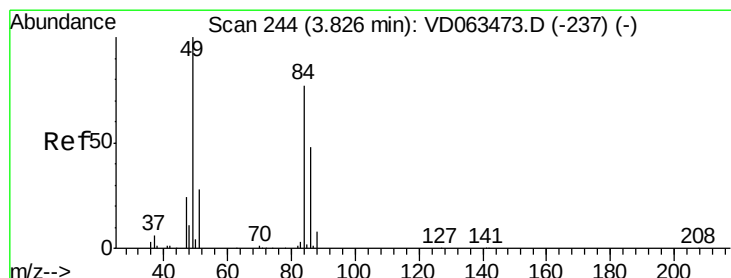
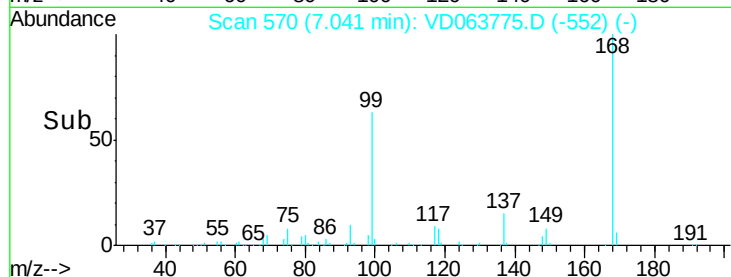
200000

100000

0

Time-->

6.90 7.00 7.10 7.20 7.30



#20

Methylene Chloride

Concen: 3.157 ug/l

RT: 3.80 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD063775.D

Acq: 23 Aug 2019 19:16

Tgt Ion: 84 Resp: 27828

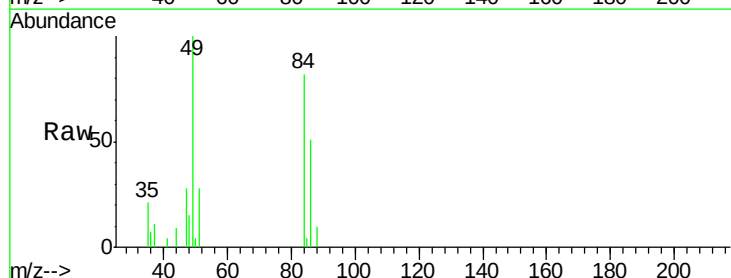
Ion Ratio Lower Upper

84 100

49 121.7 103.4 155.2

51 34.0 28.5 42.7

86 62.2 49.4 74.2



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

3.80

20000

15000

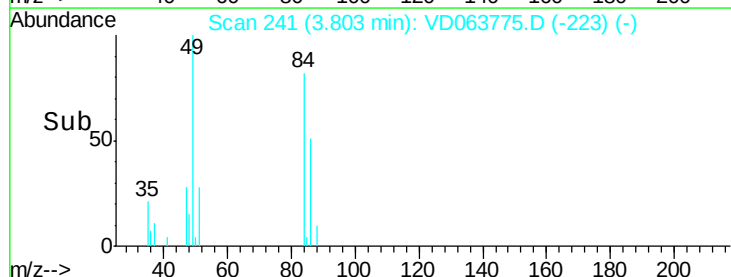
10000

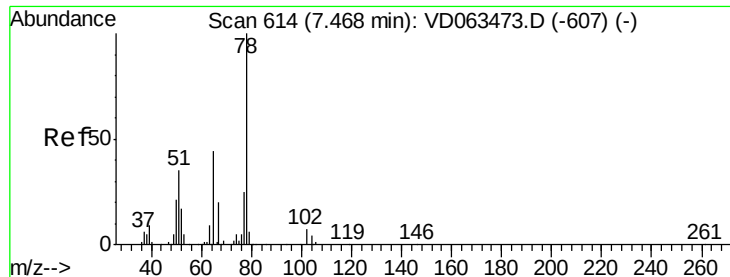
5000

0

Time-->

3.70 3.80 3.90





#33

1,2-Dichloroethane-d4

Concen: 52.806 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD063775.D

Acq: 23 Aug 2019 19:16

Instrument :

MSVOA_D

ClientSampleId :

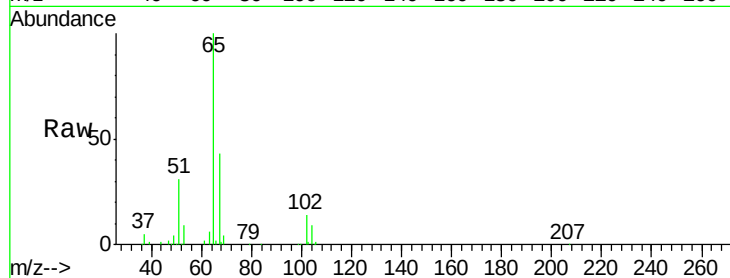
SB-47-9.5-10.0

Tot Ion: 65 Resp: 529568

Ion Ratio Lower Upper

65 100

67 42.8 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

200000

150000

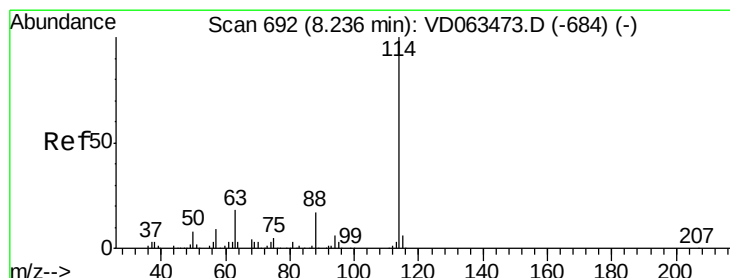
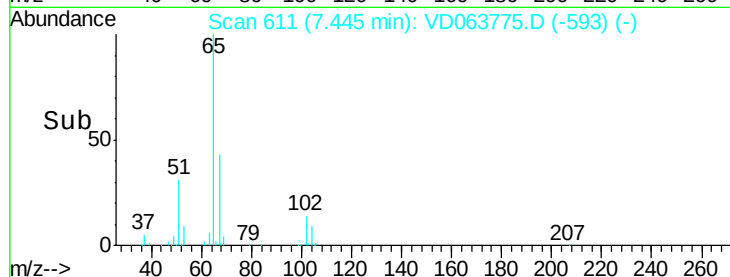
100000

50000

0

7.30 7.40 7.50 7.60

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD063775.D

Acq: 23 Aug 2019 19:16

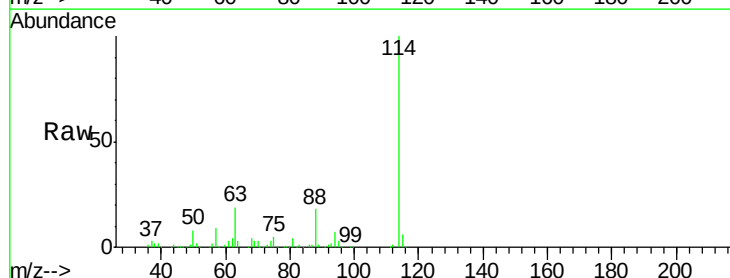
Tgt Ion: 114 Resp: 1300913

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.2

88 17.8 0.0 35.0



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

8.21

600000

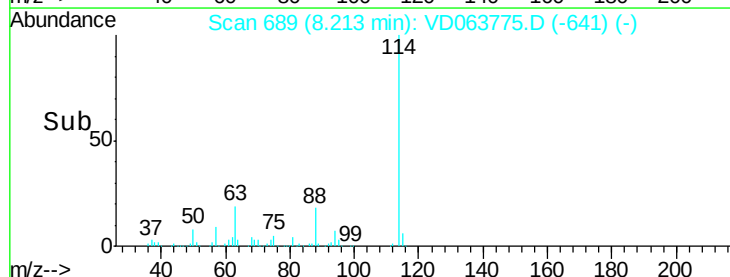
400000

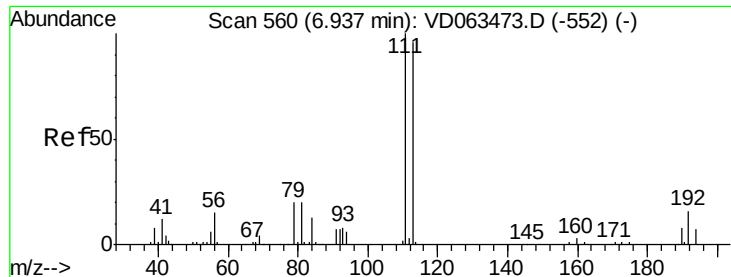
200000

0

8.10 8.20 8.30 8.40

Time-->

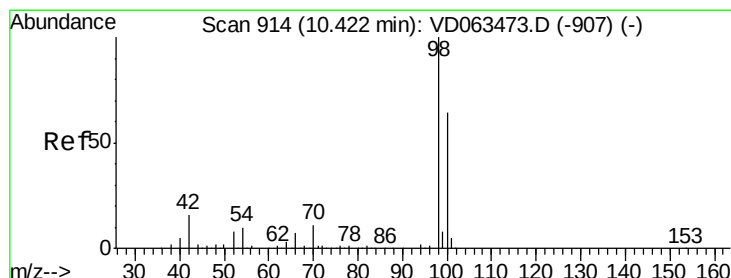
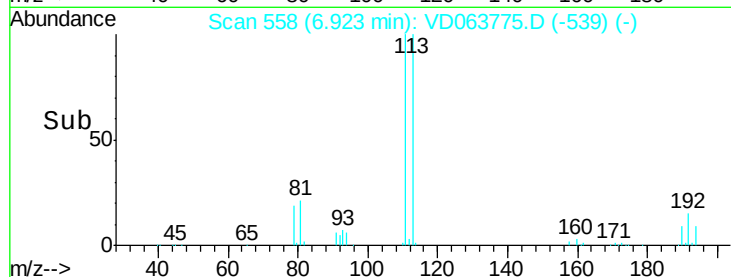
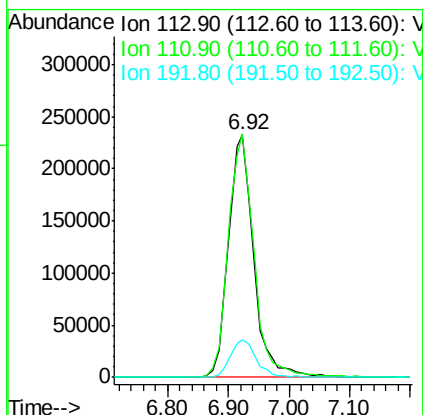
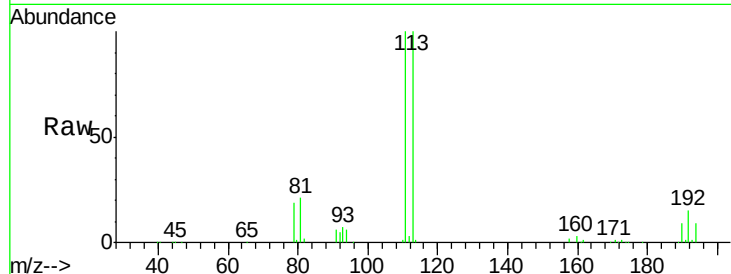




#35
 Dibromofluoromethane
 Concen: 61.443 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD063775.D
 Acq: 23 Aug 2019 19:16

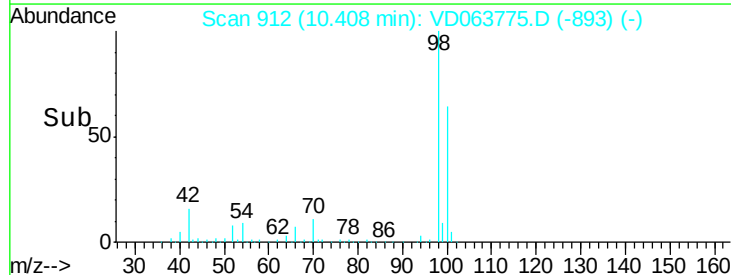
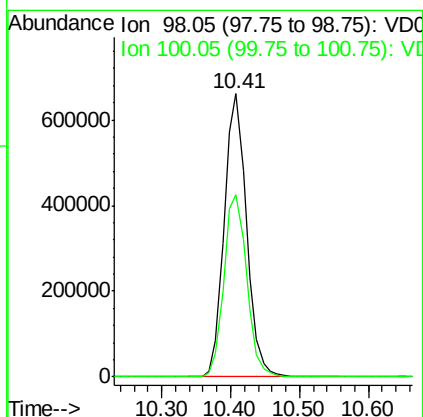
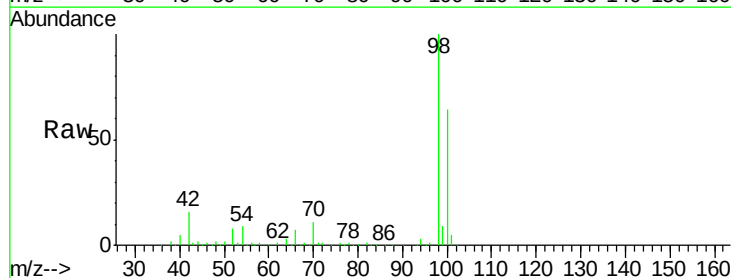
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-47-9.5-10.0

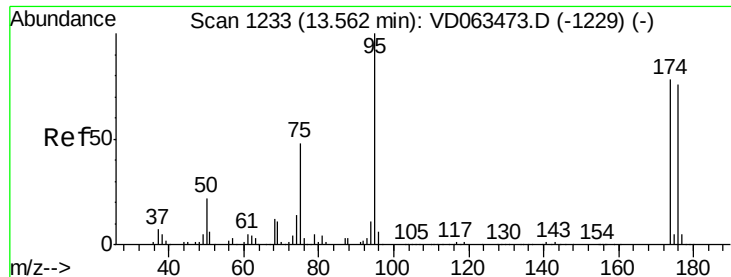
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.4	83.1	124.7
192	15.4	13.1	19.7



#50
 Toluene-d8
 Concen: 61.605 ug/l
 RT: 10.41 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: VD063775.D
 Acq: 23 Aug 2019 19:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 47.648 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063775.D

Acq: 23 Aug 2019 19:16

Instrument :

MSVOA_D

ClientSampleId :

SB-47-9.5-10.0

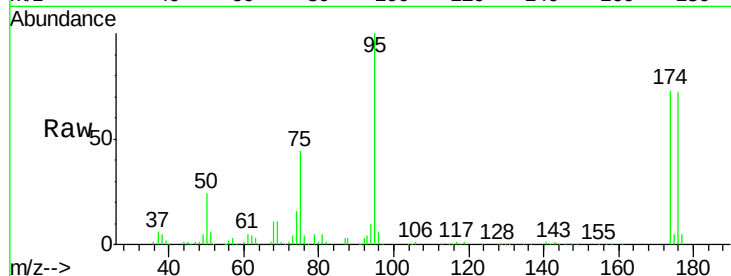
Tot Ion: 95 Resp: 520213

Ion Ratio Lower Upper

95 100

174 72.8 0.0 155.4

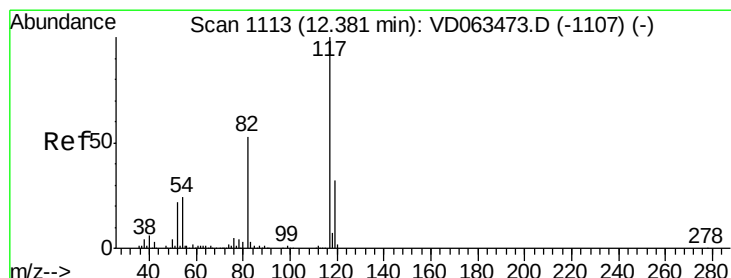
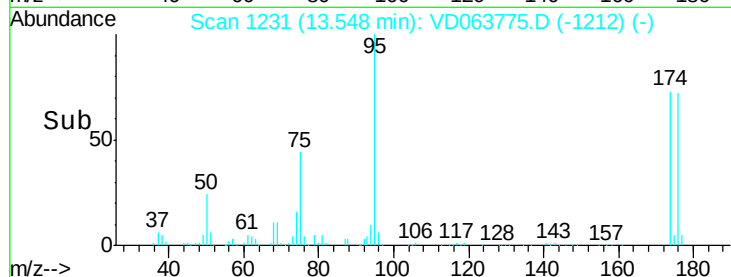
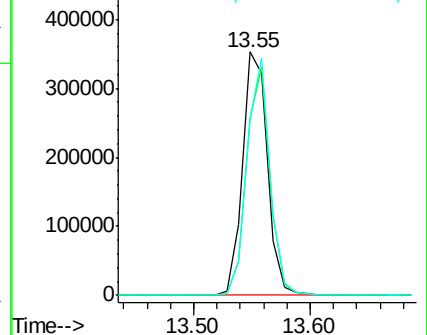
176 72.0 0.0 152.4



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: VD063775.D

Acq: 23 Aug 2019 19:16

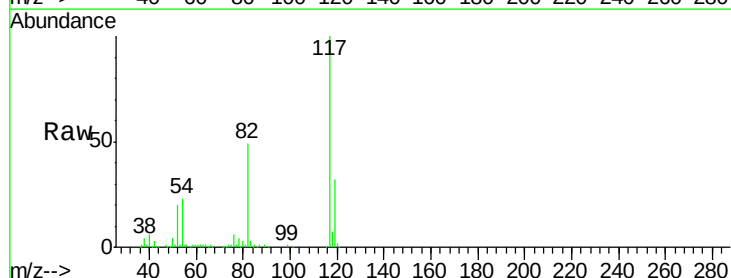
Tgt Ion: 117 Resp: 970906

Ion Ratio Lower Upper

117 100

82 49.0 42.0 63.0

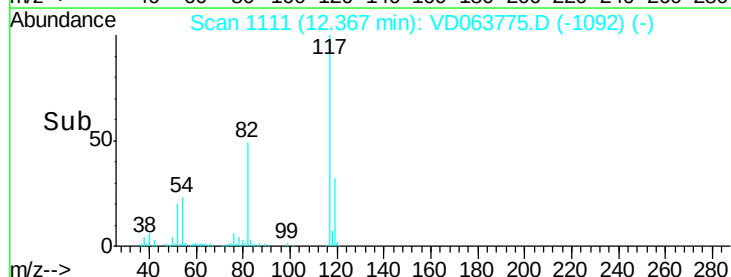
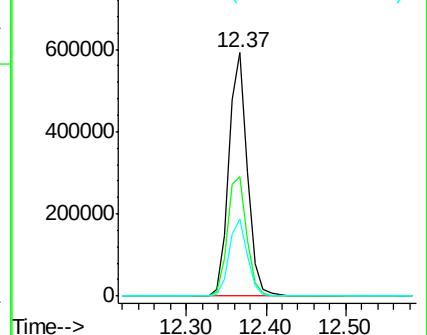
119 31.7 25.4 38.0

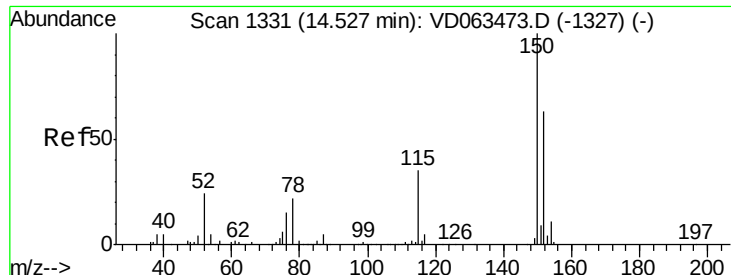


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



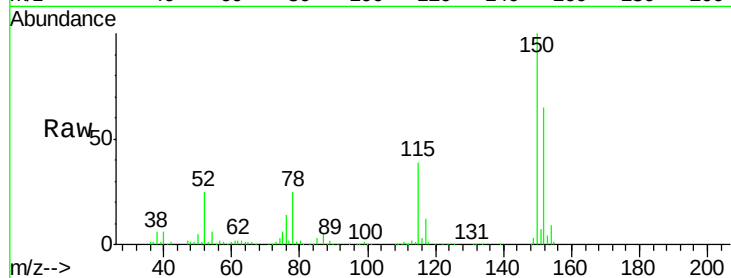


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063775.D
Acq: 23 Aug 2019 19:16

Instrument :
MSVOA_D
ClientSampleId :
SB-47-9.5-10.0

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.9	92.7
150	154.6	0.0	318.6



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

