

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050619\
 Data File : VD062133.D
 Acq On : 6 May 2019 16:26
 Operator : FY/SY
 Sample : K2668-01RE
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1RE

Quant Time: May 07 05:46:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	374180	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.20	114	599129	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	630480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	285479	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	157696	53.85	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	107.70%	
35) Dibromofluoromethane	6.91	113	226387	54.64	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	109.28%	
50) Toluene-d8	10.40	98	485594	49.25	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	13.55	95	225126	56.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.86%	

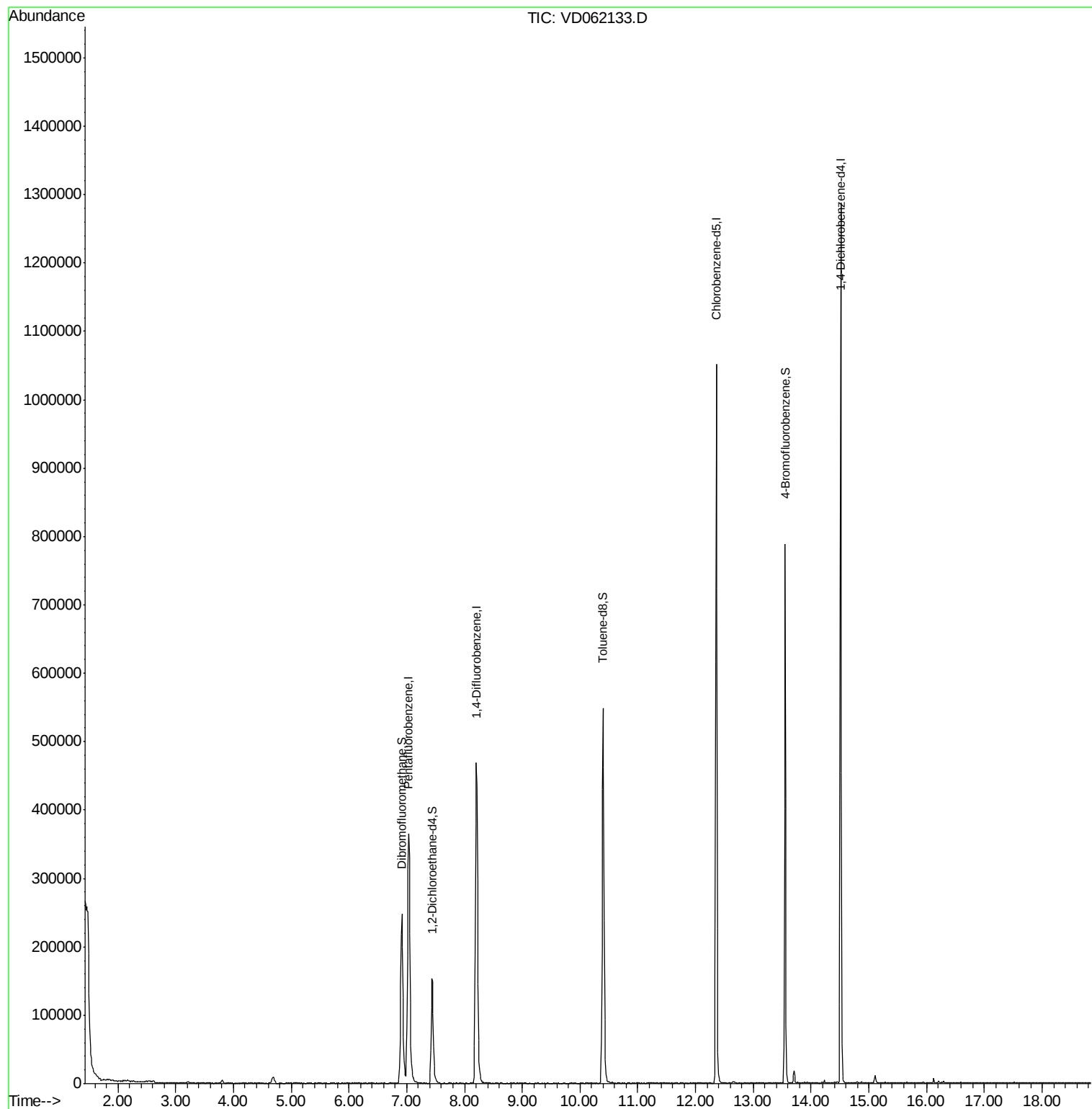
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 02 07:55:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD062133.D

Acq: 6 May 2019 16:26

Instrument :

MSVOA_D

ClientSampleId :

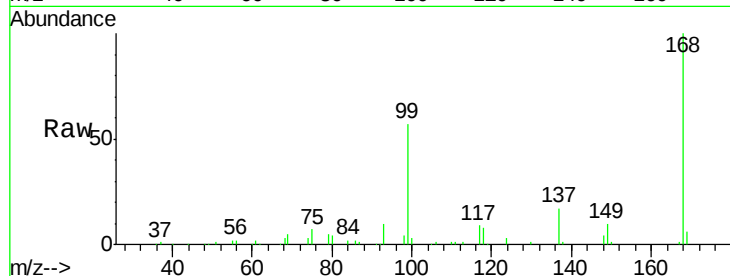
TP-1RE

Tot Ion:168 Resp: 374180

Ion Ratio Lower Upper

168 100

99 57.1 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

150000

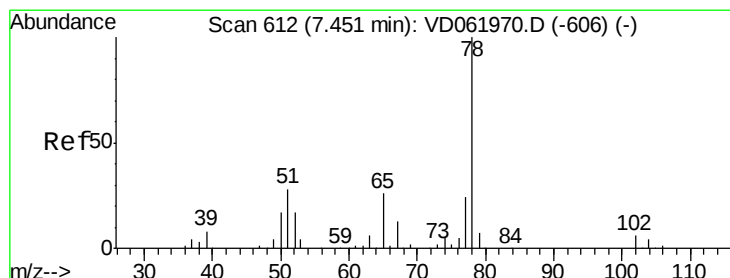
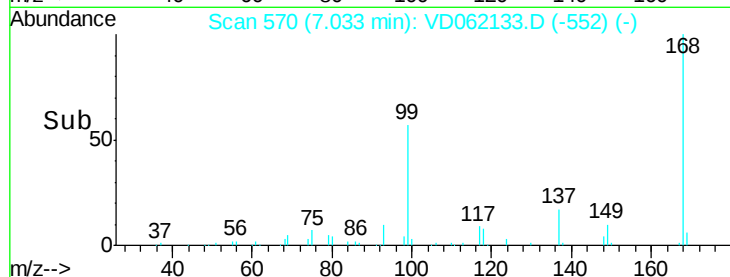
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 53.848 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD062133.D

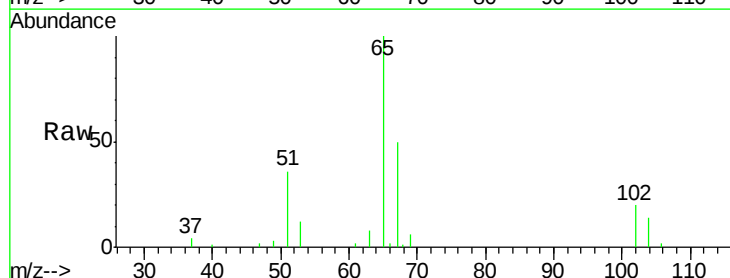
Acq: 6 May 2019 16:26

Tgt Ion: 65 Resp: 157696

Ion Ratio Lower Upper

65 100

67 50.1 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

60000

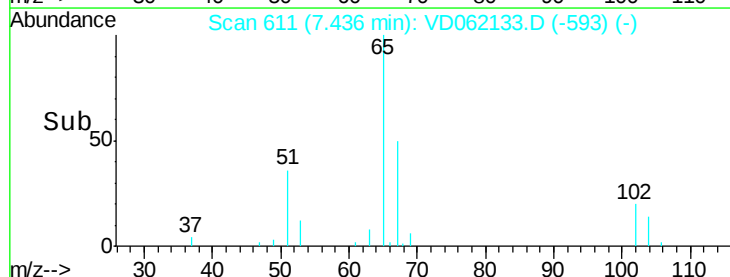
40000

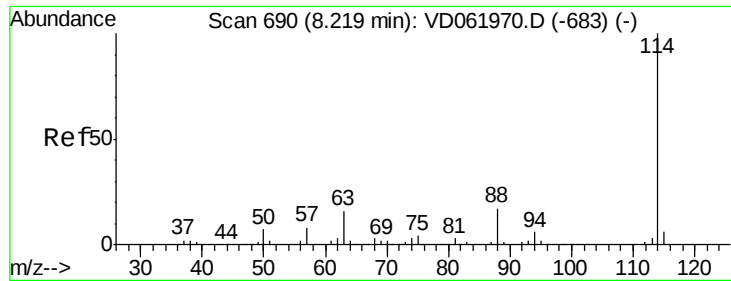
20000

0

Time-->

7.30 7.40 7.50 7.60





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD062133.D

Acq: 6 May 2019 16:26

Instrument :

MSVOA_D

ClientSampleID :

TP-1RE

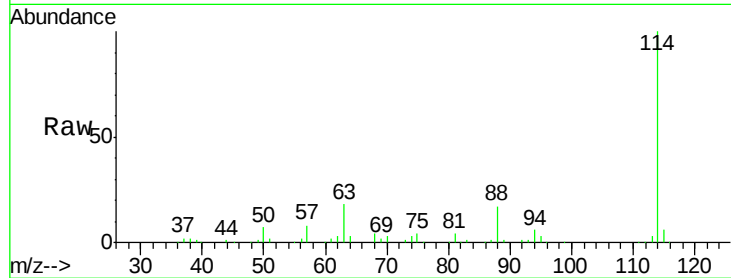
Tot Ion:114 Resp: 599129

Ion Ratio Lower Upper

114 100

63 17.5 0.0 32.4

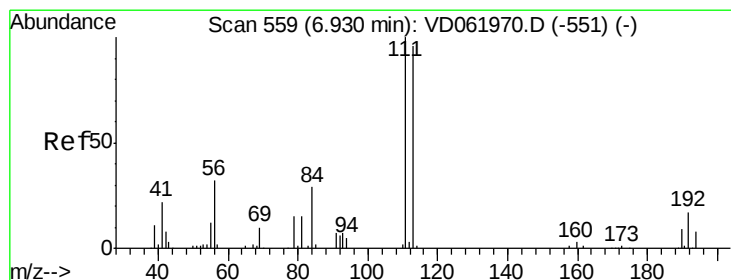
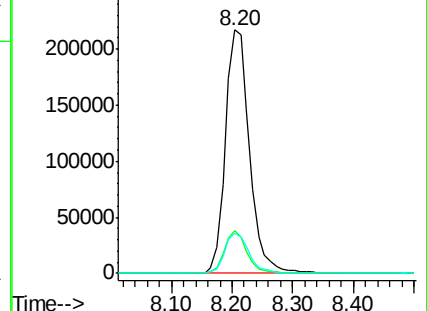
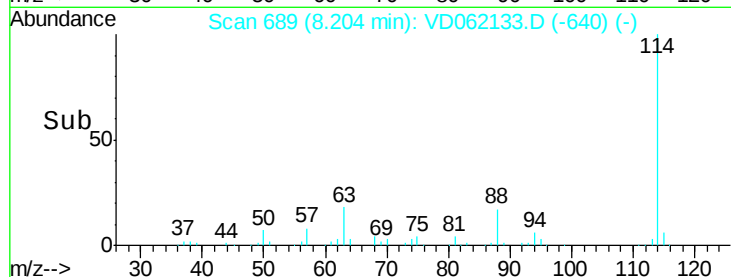
88 16.7 0.0 33.6



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: 54.636 ug/l

RT: 6.91 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD062133.D

Acq: 6 May 2019 16:26

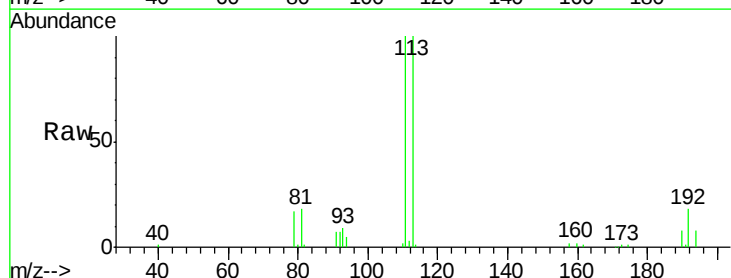
Tgt Ion:113 Resp: 226387

Ion Ratio Lower Upper

113 100

111 99.8 78.5 117.7

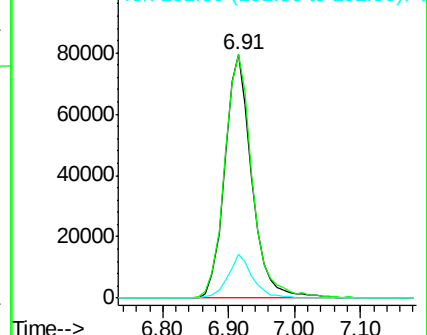
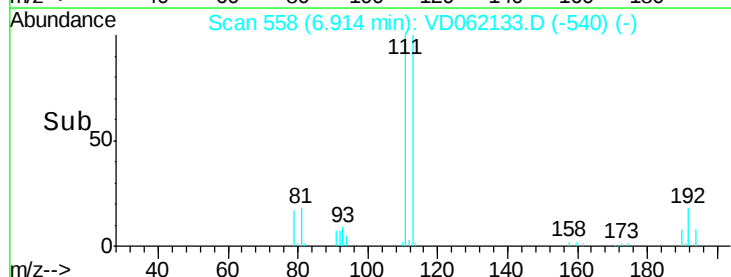
192 18.2 13.0 19.4

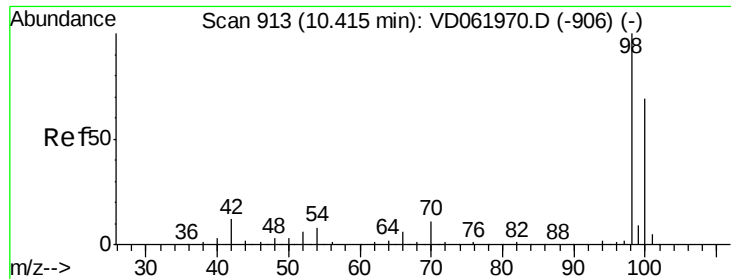


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 49.251 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD062133.D

Acq: 6 May 2019 16:26

Instrument :

MSVOA_D

ClientSampleId :

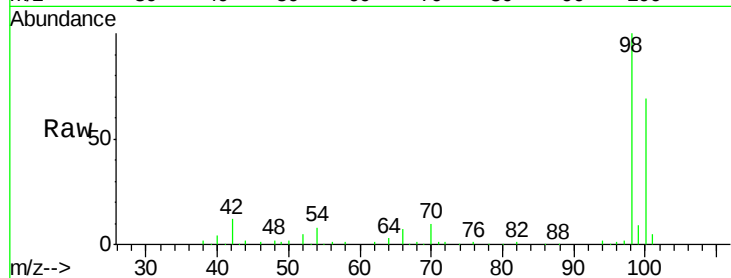
TP-1RE

Tot Ion: 98 Resp: 485594

Ion Ratio Lower Upper

98 100

100 68.7 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

250000

200000

150000

100000

50000

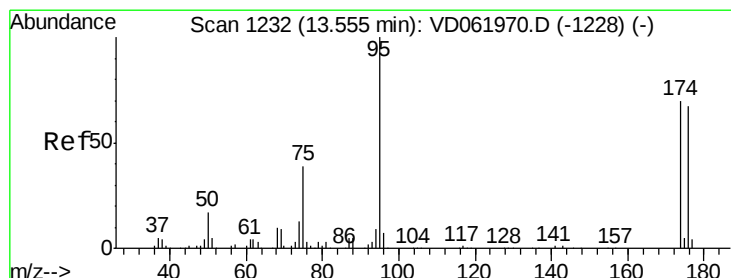
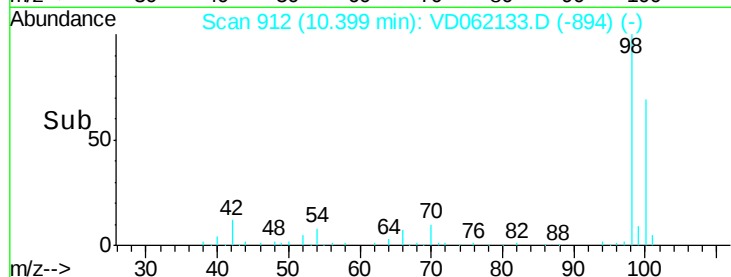
0

10.30

10.40

10.50

Time-->



#62

4-Bromofluorobenzene

Concen: 56.928 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD062133.D

Acq: 6 May 2019 16:26

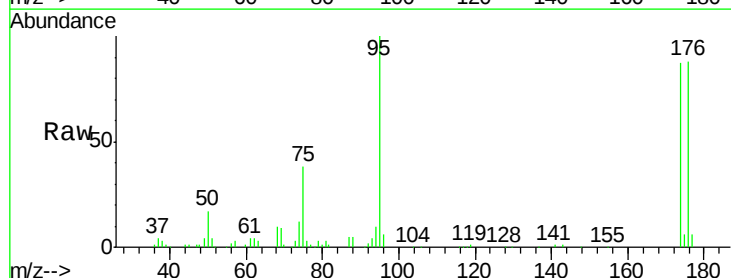
Tgt Ion: 95 Resp: 225126

Ion Ratio Lower Upper

95 100

174 87.3 0.0 181.8

176 87.9 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061970.D (-1228) (-)

Ion 173.90 (173.60 to 174.60): VD061970.D (-1228) (-)

Ion 175.90 (175.60 to 176.60): VD061970.D (-1228) (-)

200000

150000

100000

50000

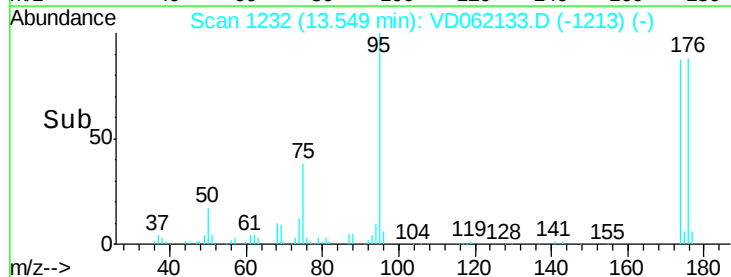
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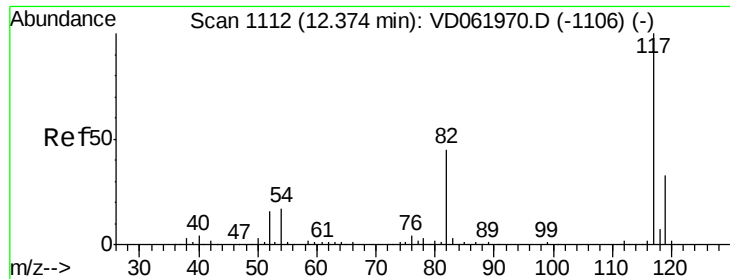
13.50

13.55

13.60

Time-->

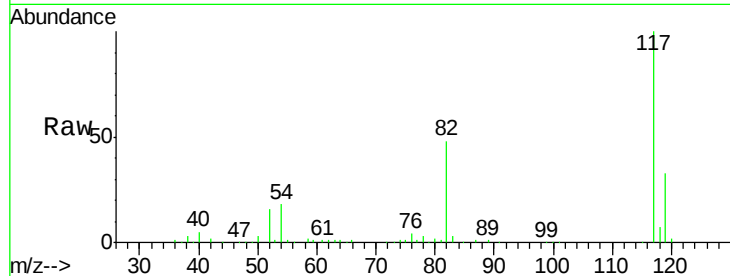




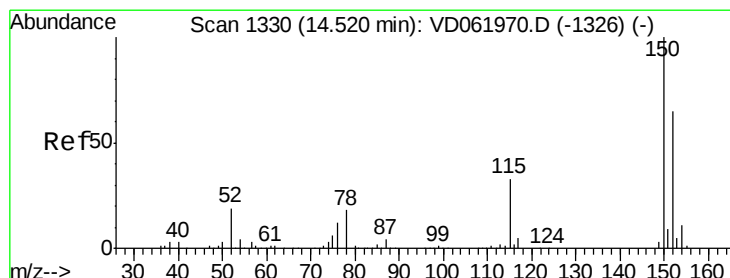
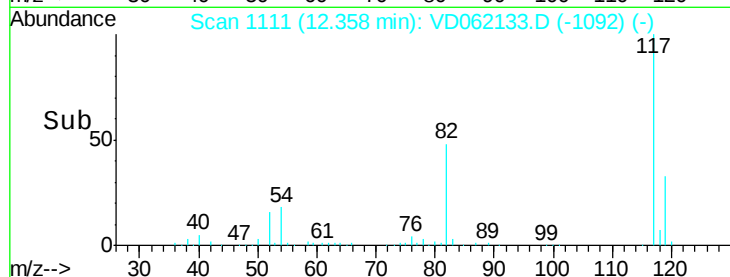
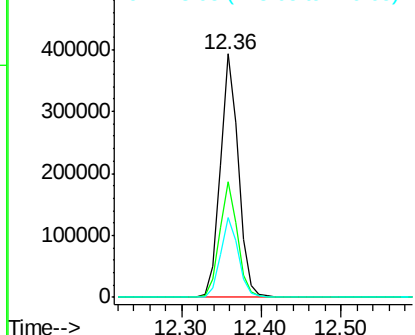
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: VD062133.D
 Acq: 6 May 2019 16:26

Instrument :
 MSVOA_D
 ClientSampled :
 TP-1RE

Tot Ion:117 Resp: 630480
 Ion Ratio Lower Upper
 117 100
 82 47.6 36.2 54.2
 119 32.6 26.2 39.4

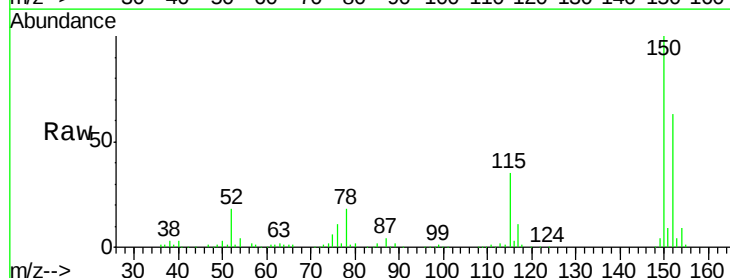


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD062133.D
 Acq: 6 May 2019 16:26

Tgt Ion:152 Resp: 285479
 Ion Ratio Lower Upper
 152 100
 115 54.6 30.9 92.7
 150 157.7 0.0 314.8



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

