

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050619\
 Data File : VD062125.D
 Acq On : 6 May 2019 12:24
 Operator : FY/SY
 Sample : VD0506SBL01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0506SBL01

Quant Time: May 07 05:27:04 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	7.05	168	492863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	742340	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	677576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	355098	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	208933	54.16	ug/l	0.00
Spiked Amount						
			Recovery	=	108.32%	
35) Dibromofluoromethane	6.92	113	296351	57.72	ug/l	-0.01
Spiked Amount						
			Recovery	=	115.44%	
50) Toluene-d8	10.40	98	650113	53.22	ug/l	-0.01
Spiked Amount						
			Recovery	=	106.44%	
62) 4-Bromofluorobenzene	13.55	95	295089	60.22	ug/l	0.00
Spiked Amount						
			Recovery	=	120.44%	

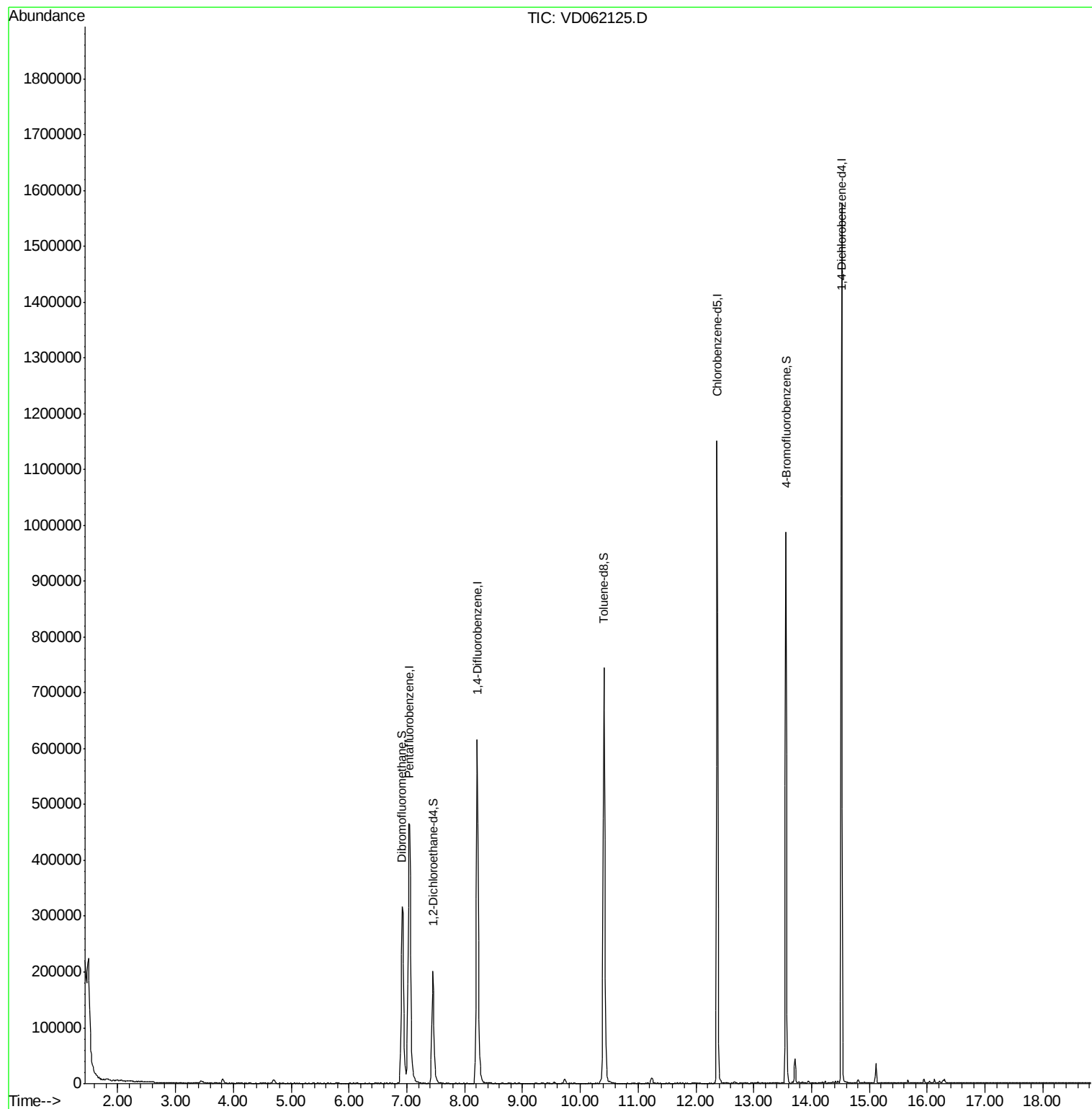
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD062125.D

Acq: 6 May 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

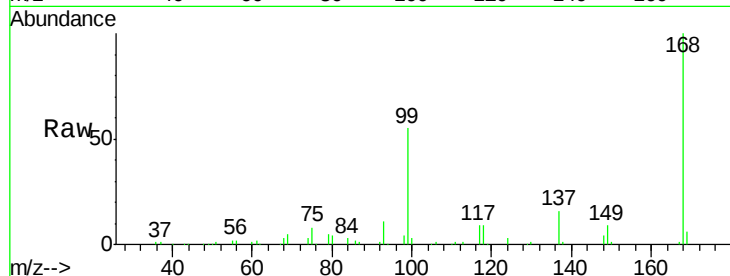
VD0506SBL01

Tot Ion:168 Resp: 492863

Ion Ratio Lower Upper

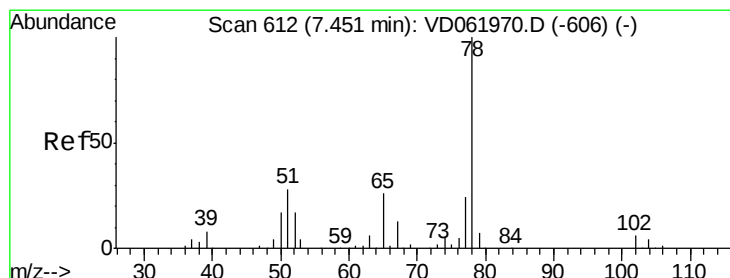
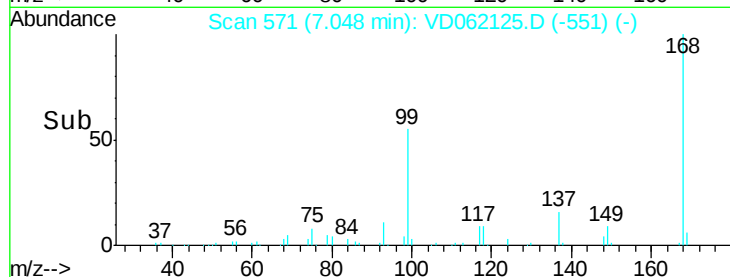
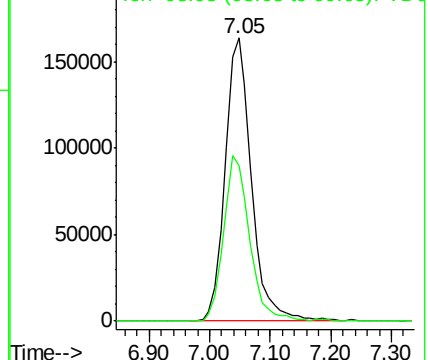
168 100

99 54.9 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 54.164 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD062125.D

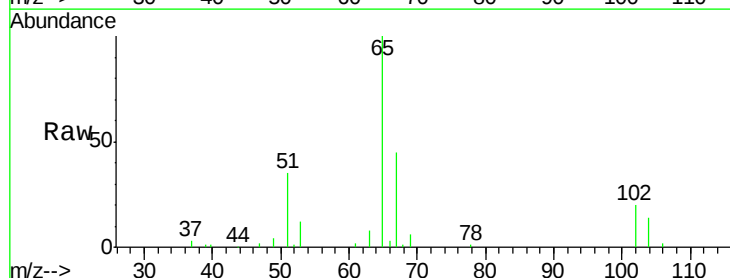
Acq: 6 May 2019 12:24

Tgt Ion: 65 Resp: 208933

Ion Ratio Lower Upper

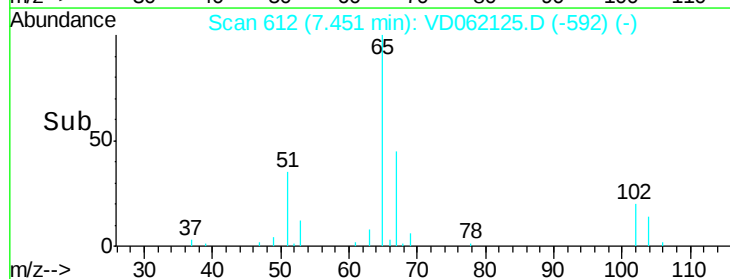
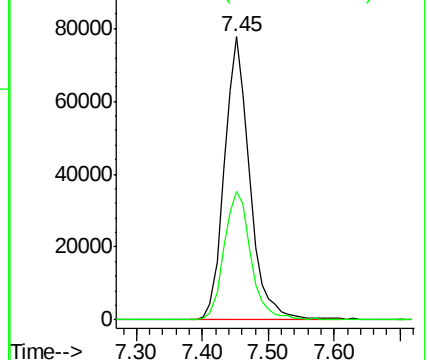
65 100

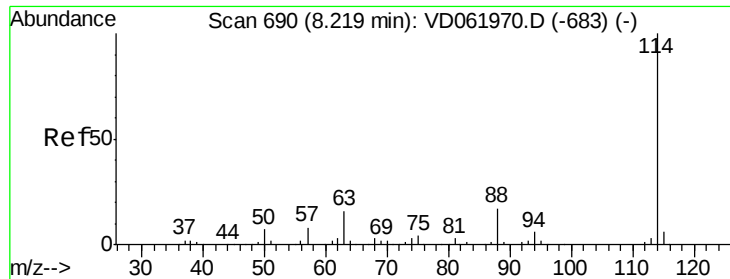
67 45.4 0.0 98.0



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: 8.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD062125.D

Acq: 6 May 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0506SBL01

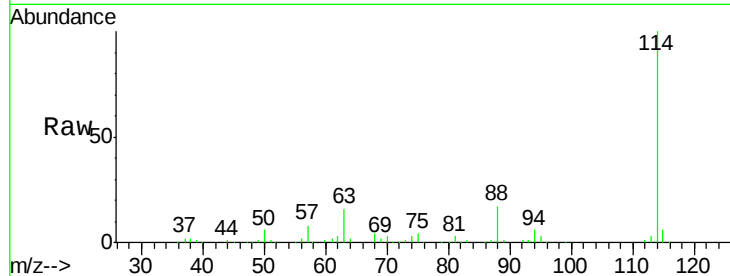
Tot Ion:114 Resp: 742340

Ion Ratio Lower Upper

114 100

63 16.5 0.0 32.4

88 16.8 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

8.22

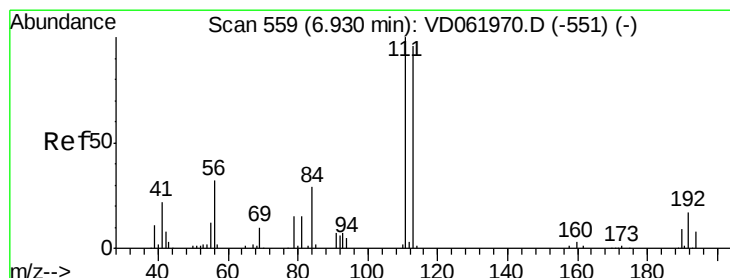
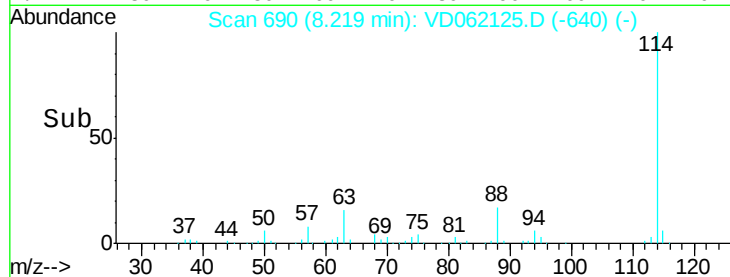
300000

200000

100000

0

Time--> 8.00 8.20 8.40



#35

Dibromofluoromethane

Concen: 57.723 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD062125.D

Acq: 6 May 2019 12:24

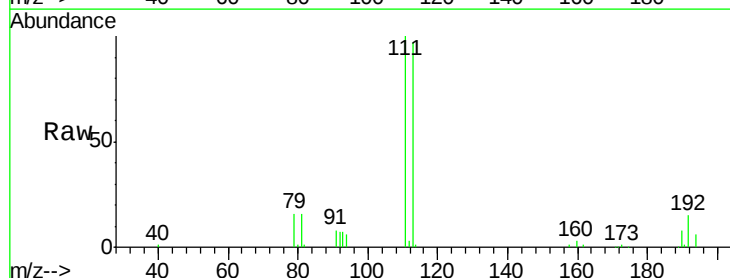
Tgt Ion:113 Resp: 296351

Ion Ratio Lower Upper

113 100

111 103.4 78.5 117.7

192 15.9 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

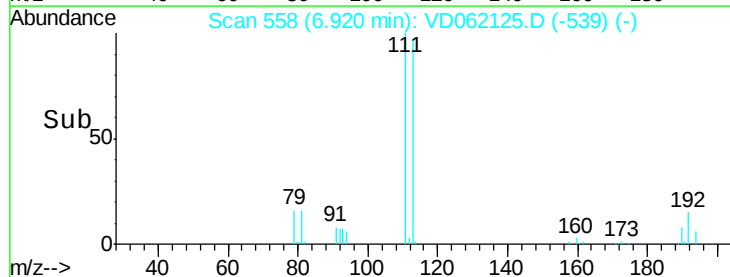
6.92

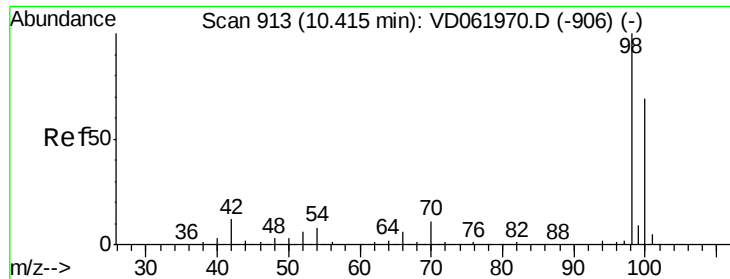
100000

50000

0

Time--> 6.80 6.90 7.00 7.10





#50

Toluene-d8

Concen: 53.217 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD062125.D

Acq: 6 May 2019 12:24

Instrument :

MSVOA_D

ClientSampleId :

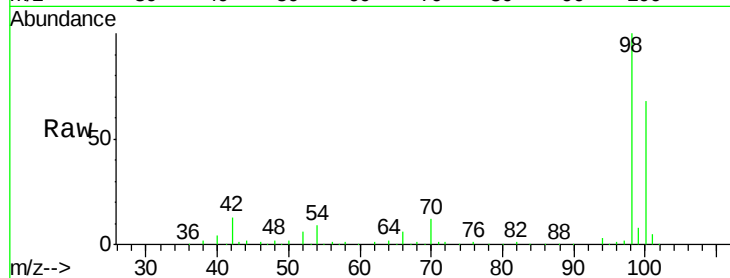
VD0506SBL01

Tot Ion: 98 Resp: 650113

Ion Ratio Lower Upper

98 100

100 68.4 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) (-)

10.40

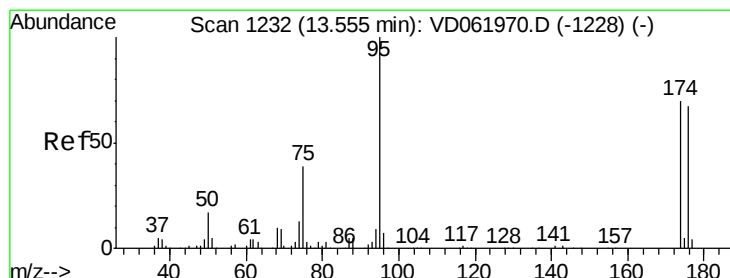
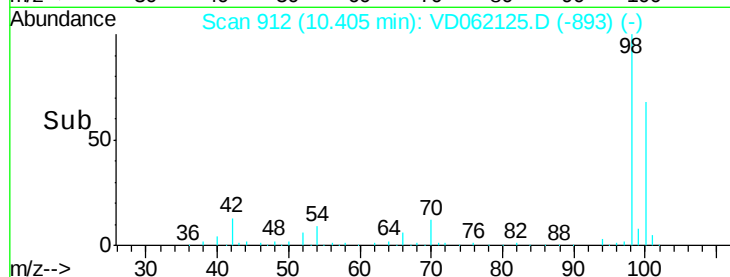
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 60.224 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062125.D

Acq: 6 May 2019 12:24

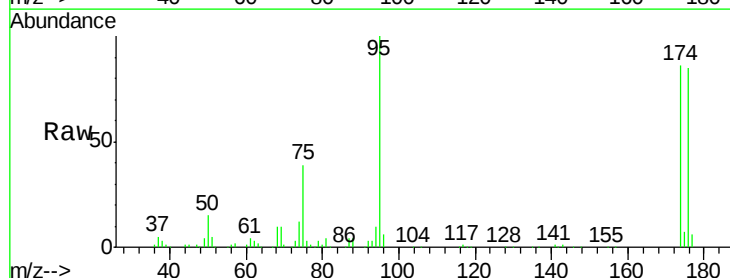
Tgt Ion: 95 Resp: 295089

Ion Ratio Lower Upper

95 100

174 85.8 0.0 181.8

176 85.2 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) (-)

250000

200000

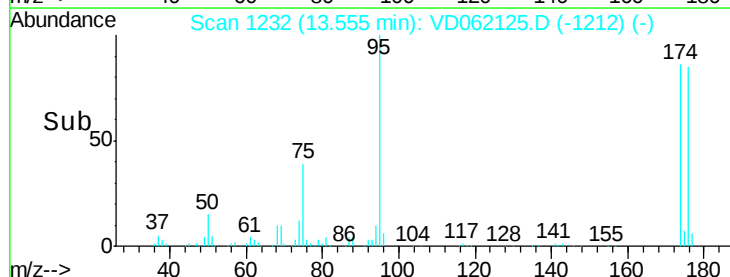
150000

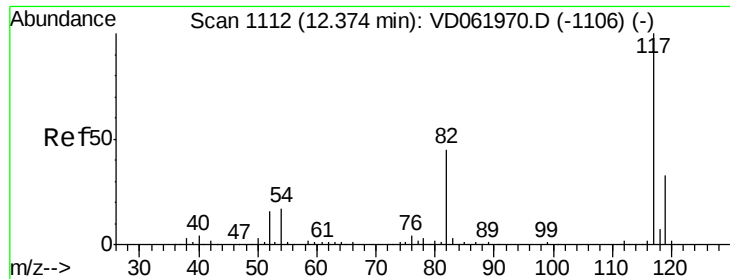
100000

50000

0

Time-->

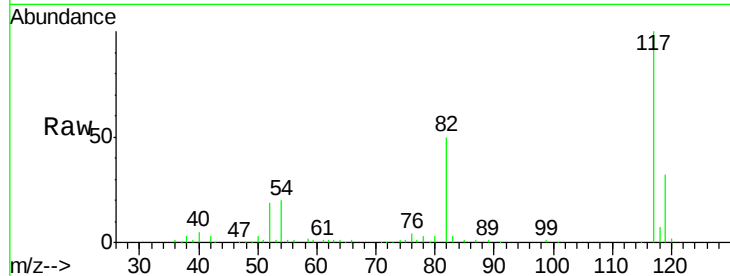




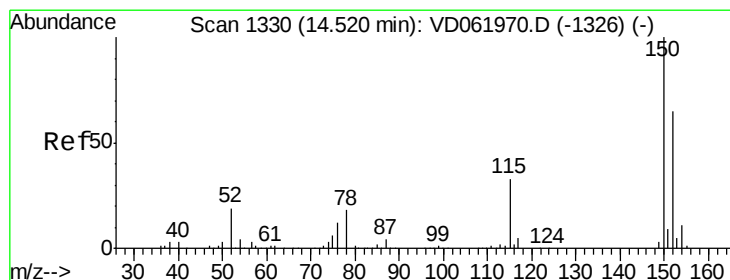
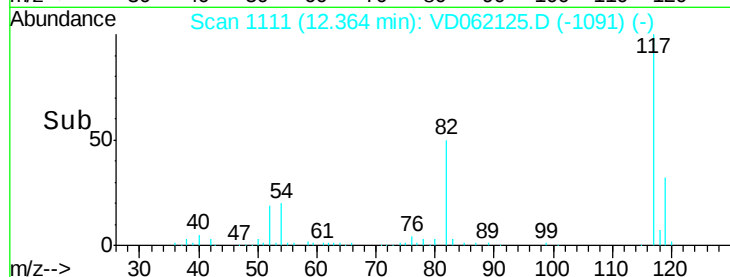
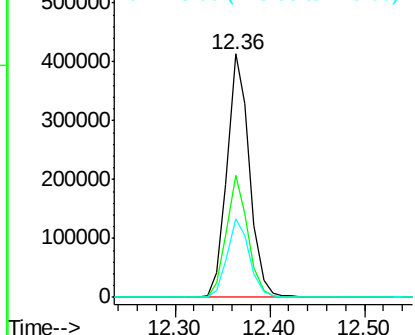
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD062125.D
Acq: 6 May 2019 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0506SBL01

Tot Ion:117 Resp: 677576
Ion Ratio Lower Upper
117 100
82 50.3 36.2 54.2
119 32.2 26.2 39.4

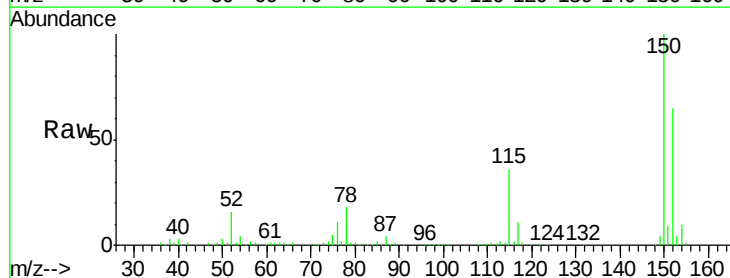


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062125.D
Acq: 6 May 2019 12:24

Tgt Ion:152 Resp: 355098
Ion Ratio Lower Upper
152 100
115 54.4 30.9 92.7
150 153.2 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

