

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062336.D
 Acq On : 14 May 2019 7:07
 Operator : FY/SY
 Sample : K2735-14
 Misc : 5.10g/5mL/MSVOA D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS017-0206-01

Quant Time: May 14 08:28:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	489493	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	725249	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	453401	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	157309	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	254364	55.92	ug/l	0.05
Spiked Amount				50.000		
			Recovery	=	111.84%	
35) Dibromofluoromethane	6.94	113	289098	48.04	ug/l	0.05
Spiked Amount				50.000		
			Recovery	=	96.08%	
50) Toluene-d8	10.43	98	432493	29.81	ug/l	0.03
Spiked Amount				50.000		
			Recovery	=	59.62%	
62) 4-Bromofluorobenzene	13.57	95	168895	28.99	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	57.98%	

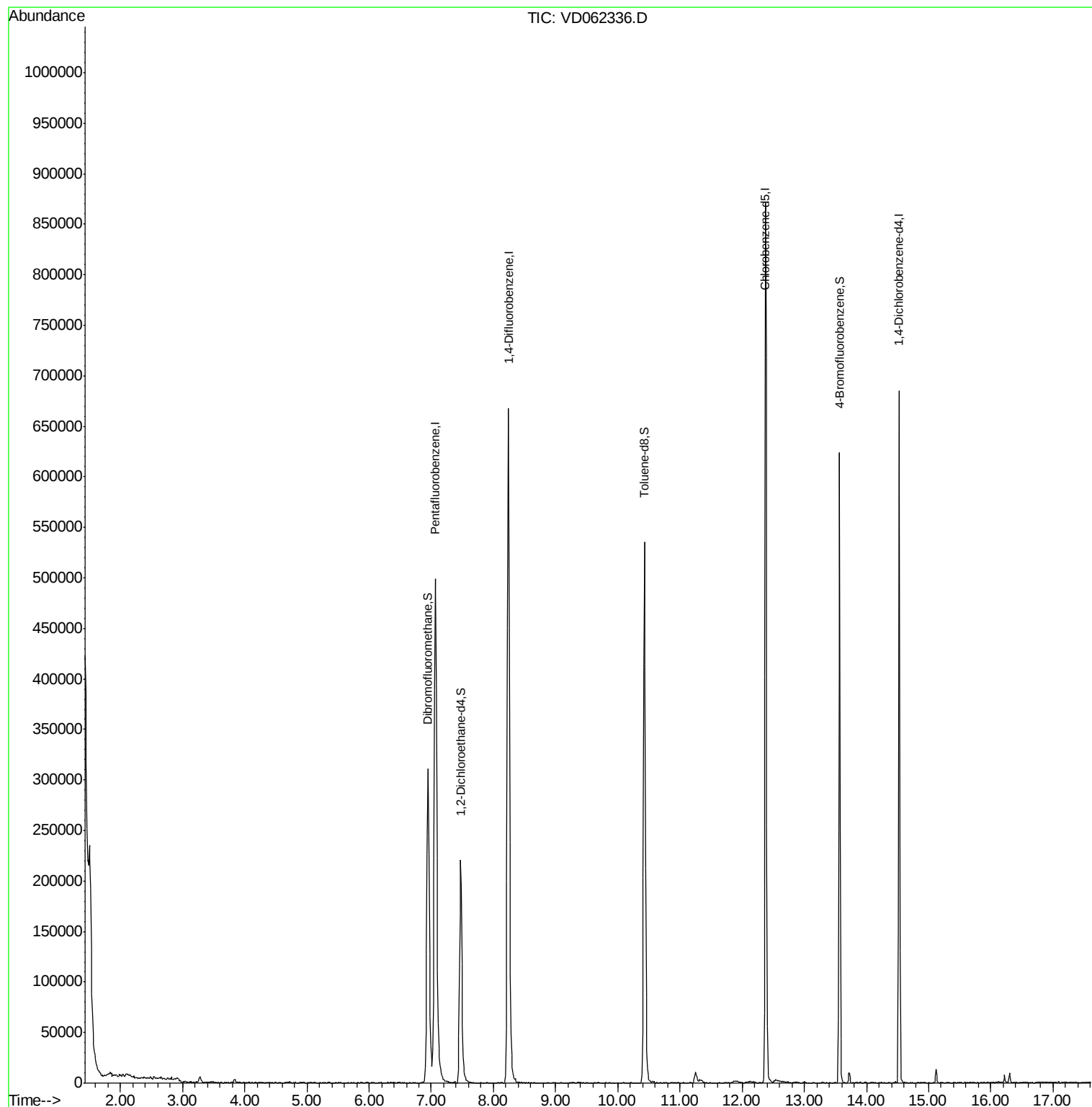
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.05 min

Lab File: VD062336.D

Acq: 14 May 2019 7:07

Instrument :

MSVOA_D

ClientSampleId :

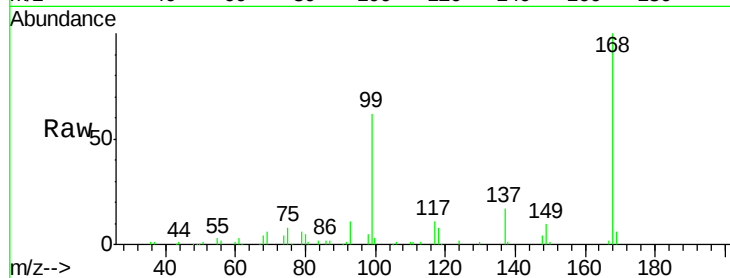
P026-SS017-0206-01

Tot Ion:168 Resp: 489493

Ion Ratio Lower Upper

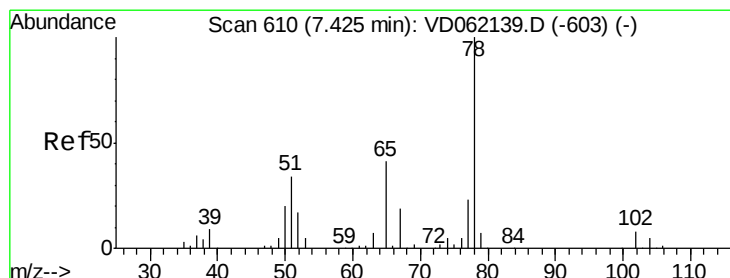
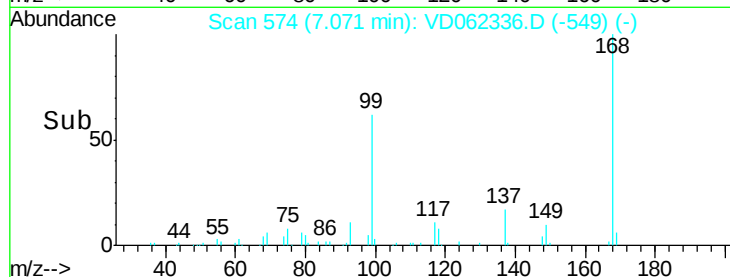
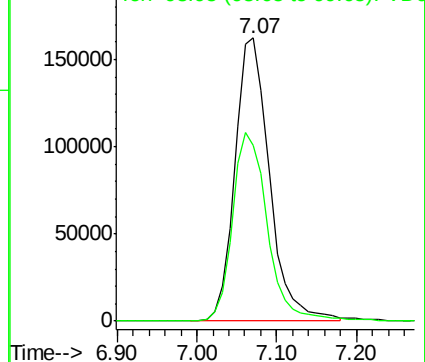
168 100

99 62.1 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: 55.917 ug/l

RT: 7.47 min Scan# 615

Delta R.T. 0.05 min

Lab File: VD062336.D

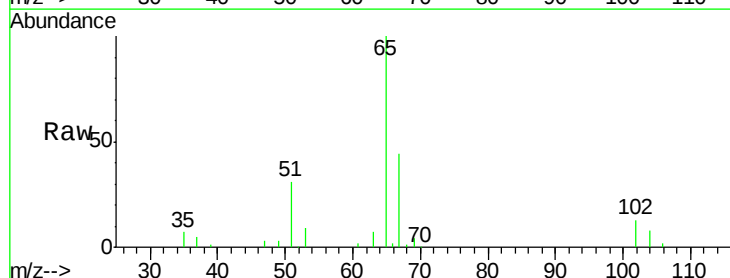
Acq: 14 May 2019 7:07

Tgt Ion: 65 Resp: 254364

Ion Ratio Lower Upper

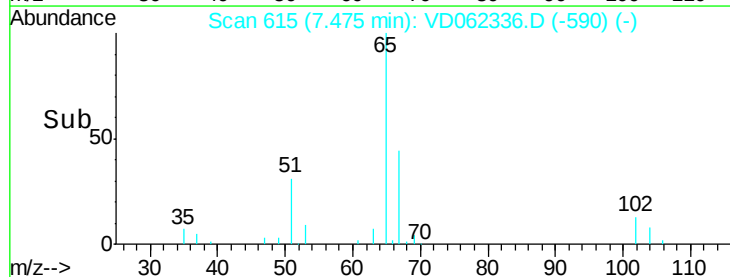
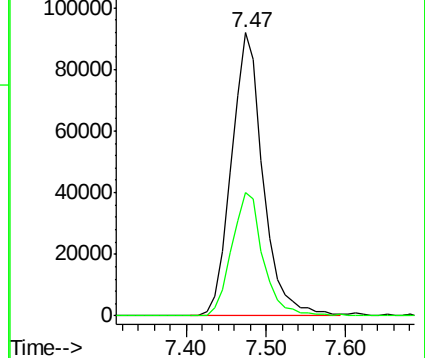
65 100

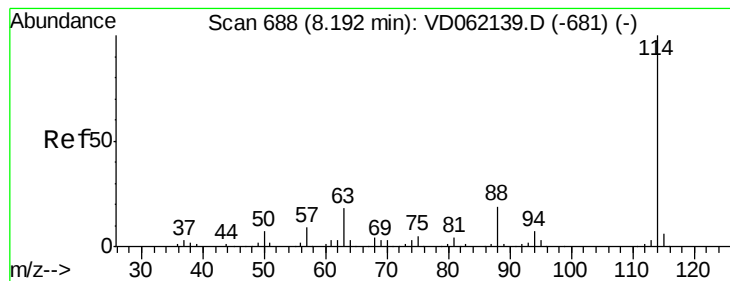
67 43.6 0.0 98.0



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: 8.24 min Scan# 693

Delta R.T. 0.05 min

Lab File: VD062336.D

Acq: 14 May 2019 7:07

Instrument :

MSVOA_D

ClientSampleId :

P026-SS017-0206-01

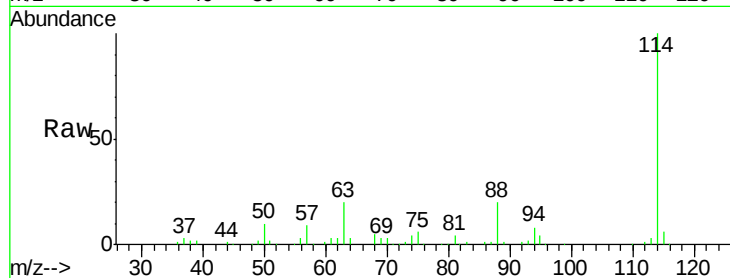
Tot Ion:114 Resp: 725249

Ion Ratio Lower Upper

114 100

63 20.3 0.0 32.4

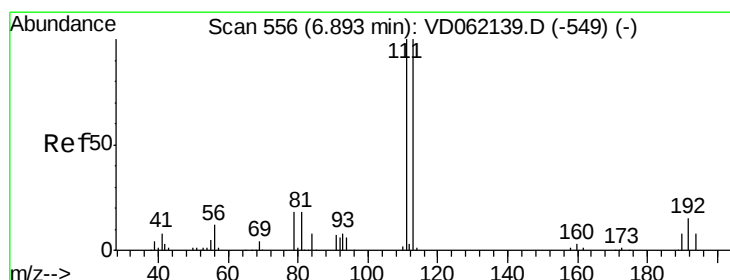
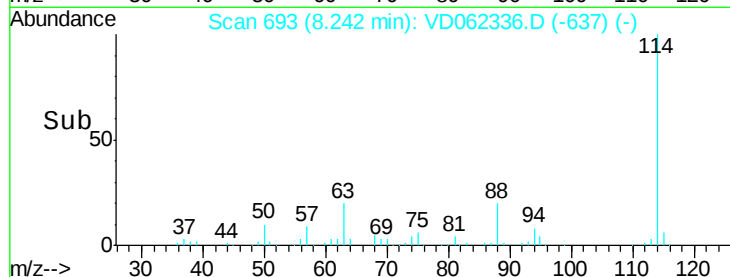
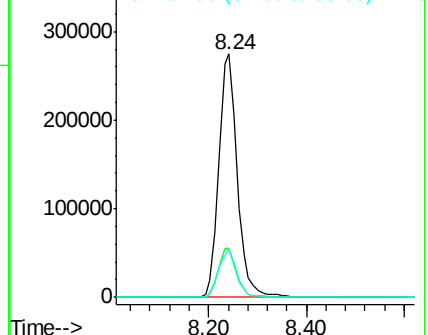
88 19.7 0.0 33.6



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: 48.043 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.05 min

Lab File: VD062336.D

Acq: 14 May 2019 7:07

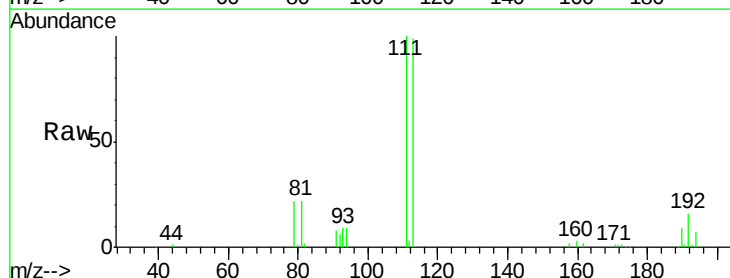
Tgt Ion:113 Resp: 289098

Ion Ratio Lower Upper

113 100

111 100.7 78.5 117.7

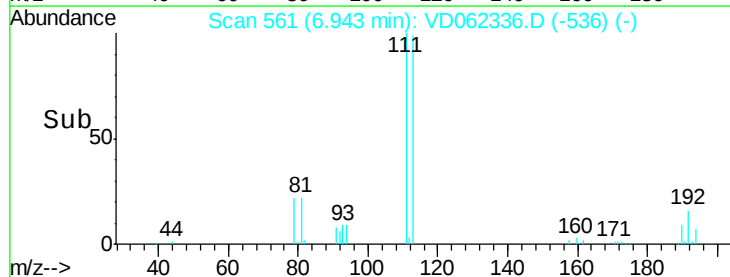
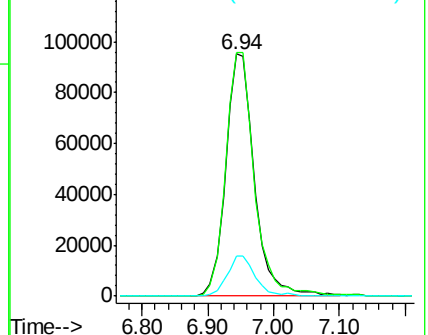
192 16.4 13.0 19.4

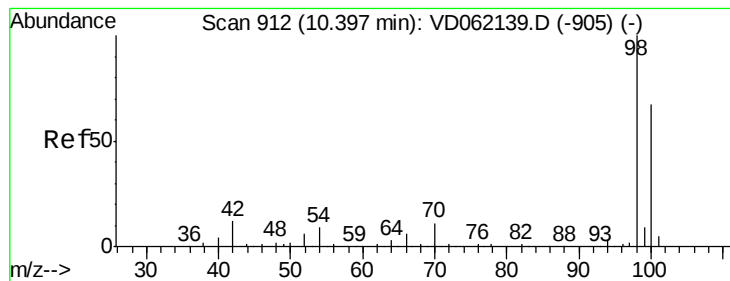


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 29.809 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062336.D

Acq: 14 May 2019 7:07

Instrument :

MSVOA_D

ClientSampleId :

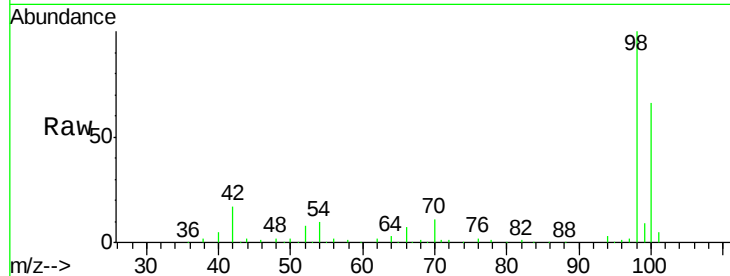
P026-SS017-0206-01

Tot Ion: 98 Resp: 432493

Ion Ratio Lower Upper

98 100

100 65.6 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

10.43

200000

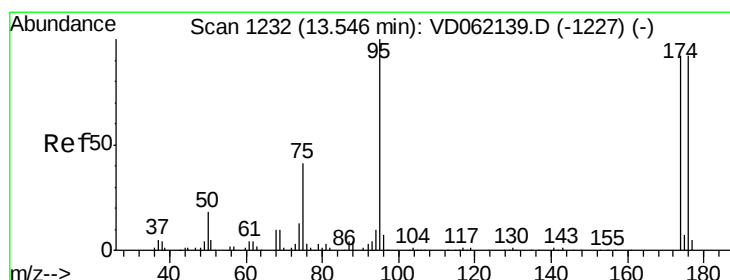
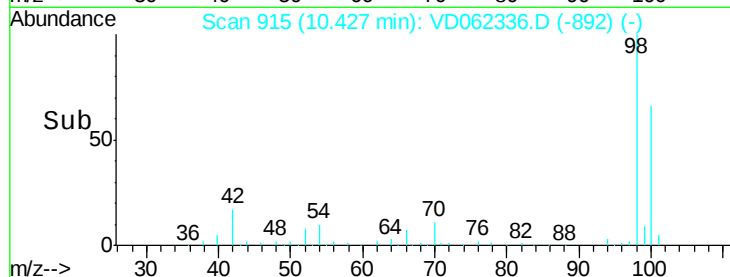
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 28.989 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062336.D

Acq: 14 May 2019 7:07

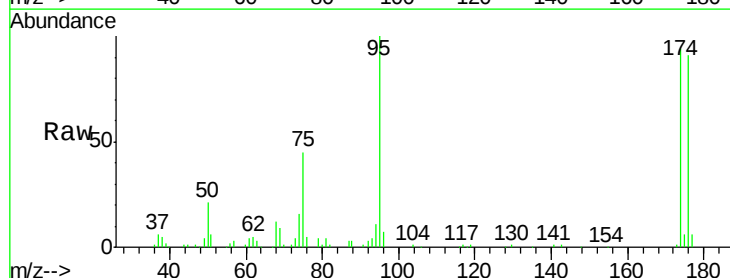
Tgt Ion: 95 Resp: 168895

Ion Ratio Lower Upper

95 100

174 93.8 0.0 181.8

176 91.4 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)

13.57

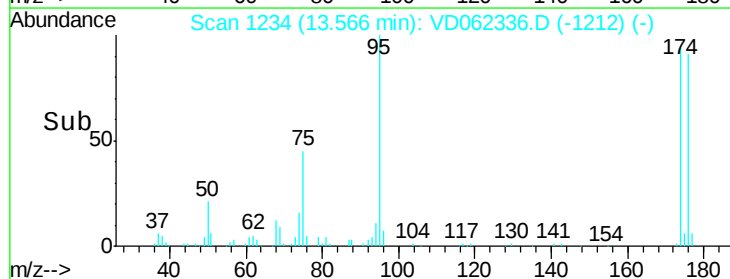
150000

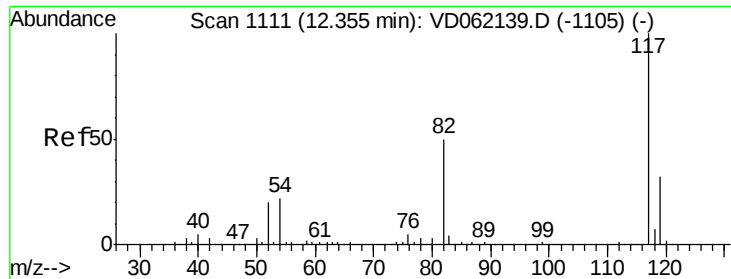
100000

50000

0

Time-->

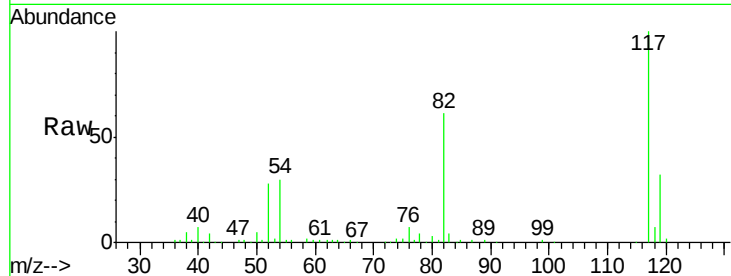




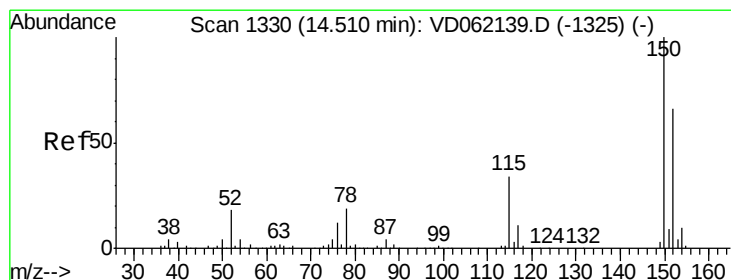
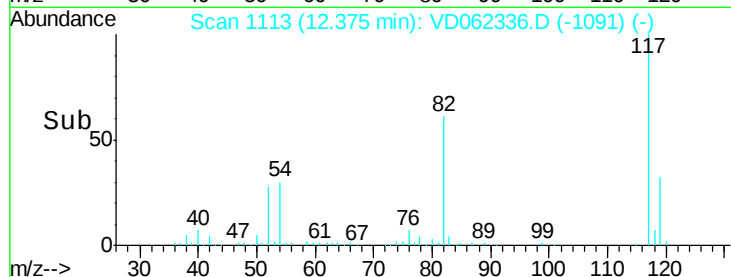
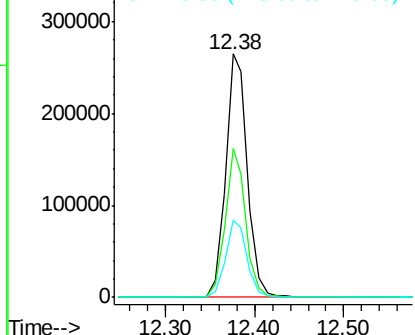
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062336.D
Acq: 14 May 2019 7:07

Instrument :
MSVOA_D
ClientSampleId :
P026-SS017-0206-01

Tot Ion:117 Resp: 453401
Ion Ratio Lower Upper
117 100
82 61.4 36.2 54.2#
119 31.9 26.2 39.4

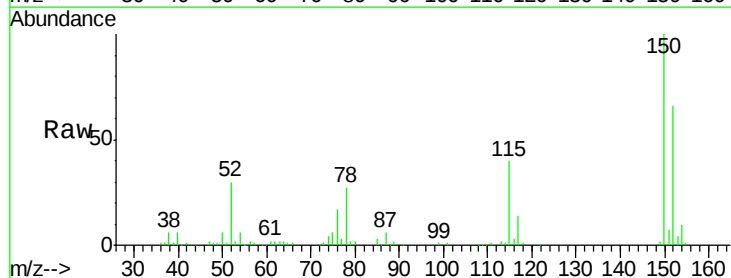


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062336.D
Acq: 14 May 2019 7:07

Tgt Ion:152 Resp: 157309
Ion Ratio Lower Upper
152 100
115 60.7 30.9 92.7
150 151.9 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

