

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062312.D
 Acq On : 13 May 2019 18:39
 Operator : FY/SY
 Sample : K2733-09
 Misc : 5.30g/5mL/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS002-0002-01

Quant Time: May 14 05:54:34 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	7.06	168	471472	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	661554	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	443845	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	145285	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	219331	50.06	ug/l	0.03
Spiked Amount			Recovery	=	100.12%	
35) Dibromofluoromethane	6.94	113	245944	44.81	ug/l	0.04
Spiked Amount			Recovery	=	89.62%	
50) Toluene-d8	10.42	98	427153	32.28	ug/l	0.03
Spiked Amount			Recovery	=	64.56%	
62) 4-Bromofluorobenzene	13.56	95	143174	26.94	ug/l	0.02
Spiked Amount			Recovery	=	53.88%	

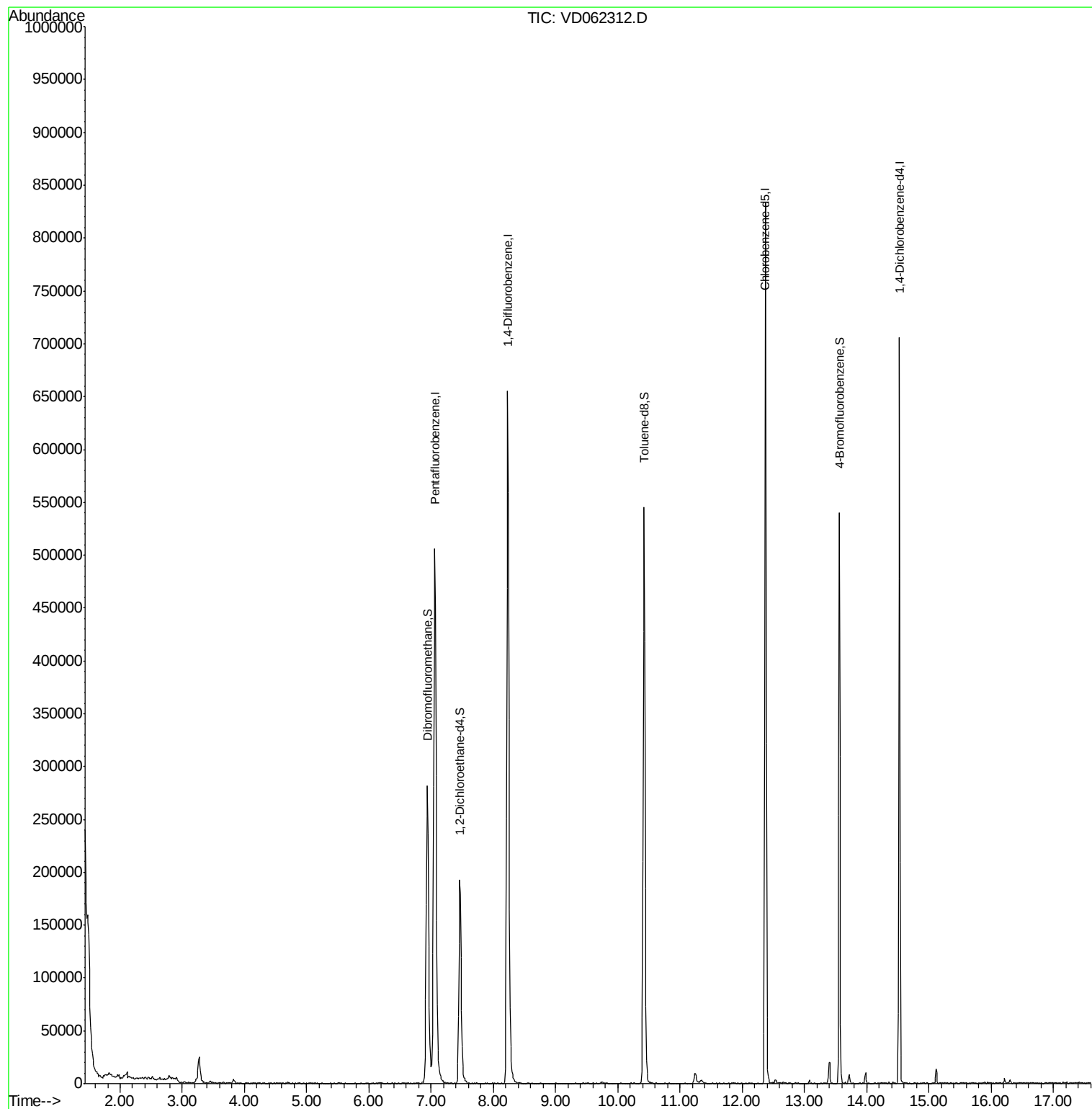
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.04 min

Lab File: VD062312.D

Acq: 13 May 2019 18:39

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ClientSampleId :

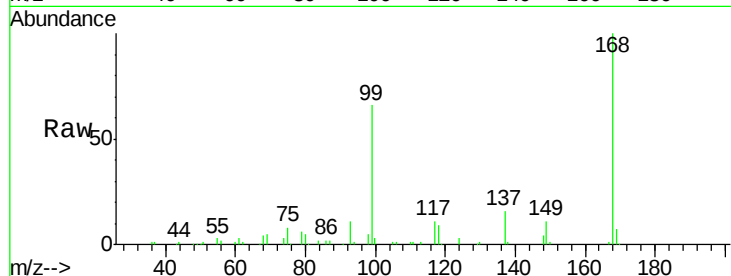
P021-SS002-0002-01

Tot Ion:168 Resp: 471472

Ion Ratio Lower Upper

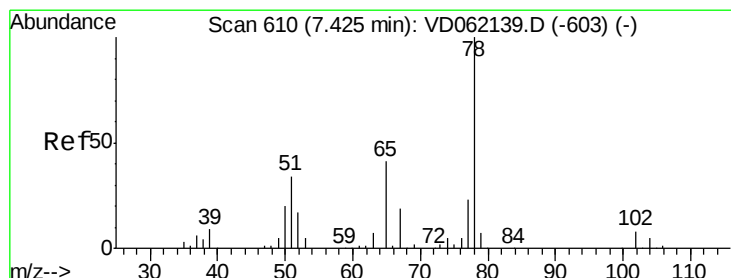
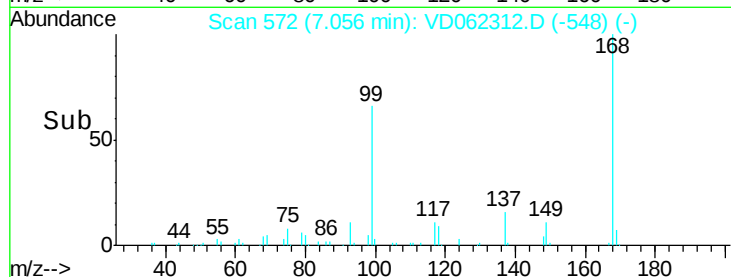
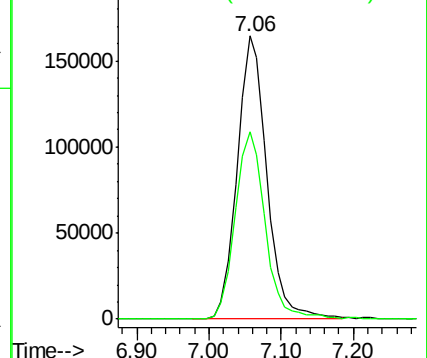
168 100

99 66.1 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: 50.059 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD062312.D

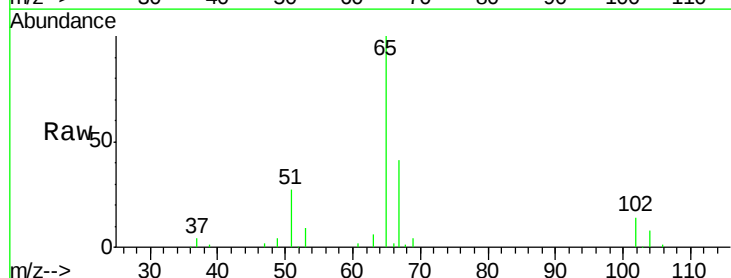
Acq: 13 May 2019 18:39

Tgt Ion: 65 Resp: 219331

Ion Ratio Lower Upper

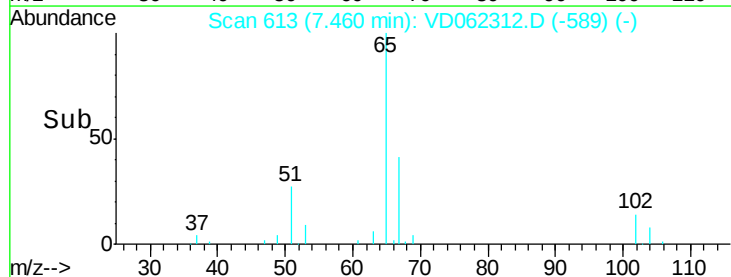
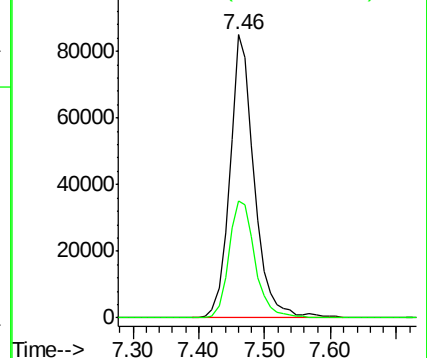
65 100

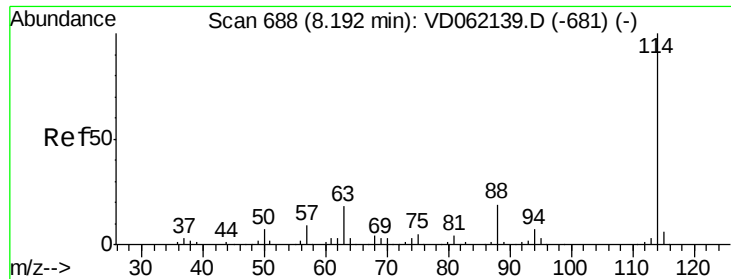
67 41.3 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

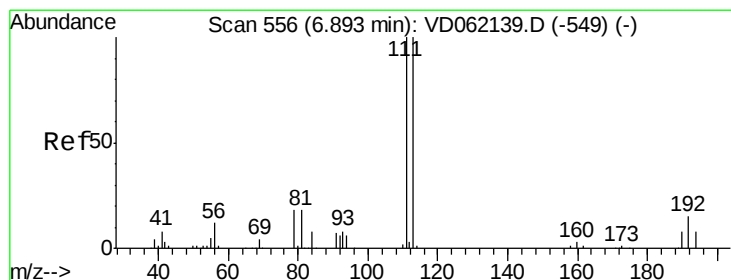
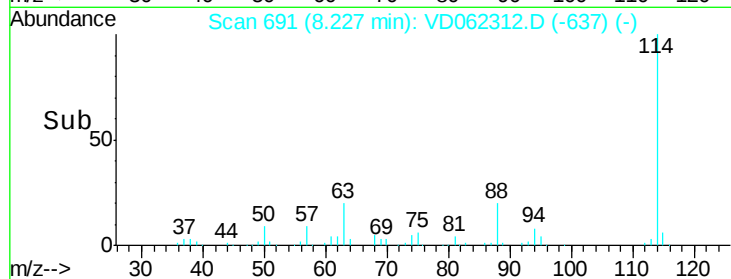
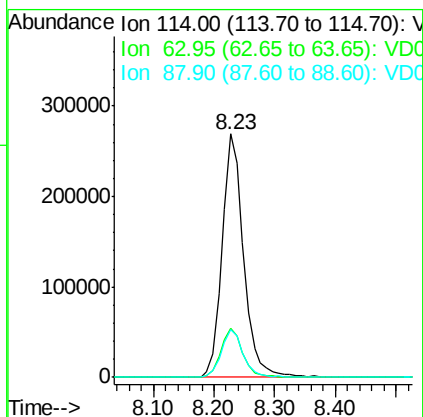
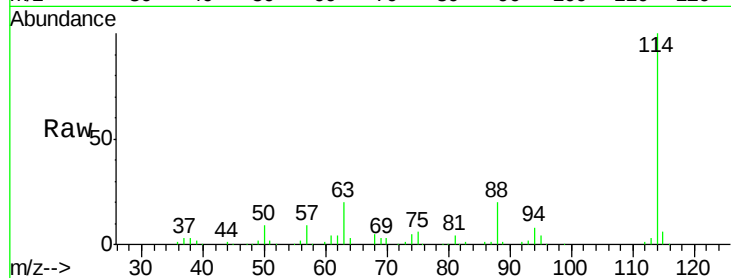




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.04 min
 Lab File: VD062312.D
 Acq: 13 May 2019 18:39

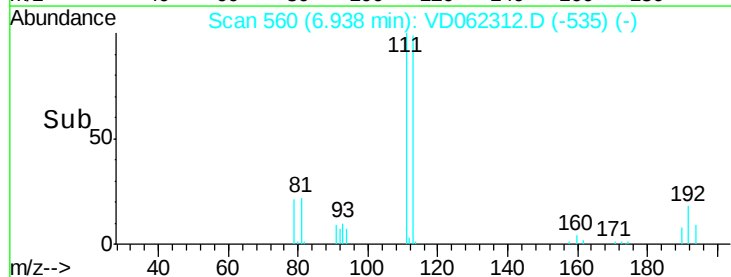
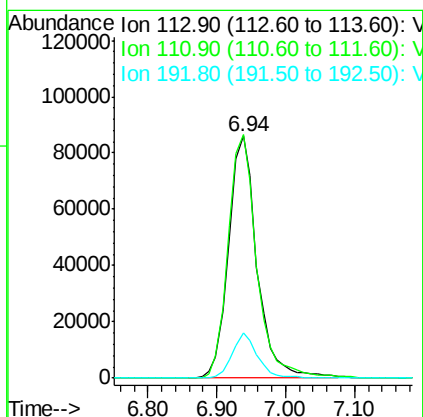
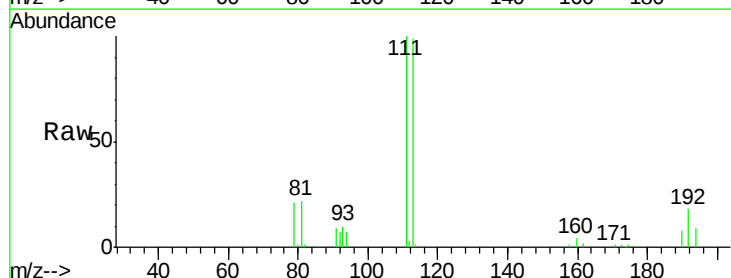
Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS002-0002-01

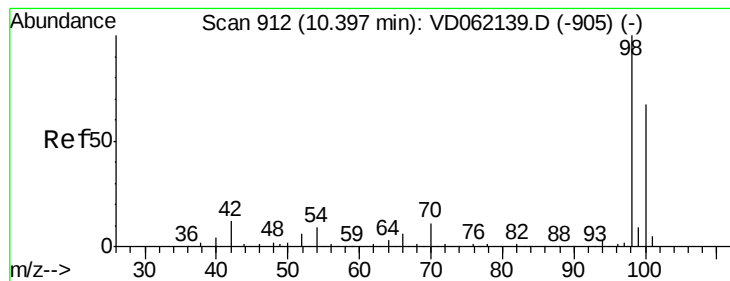
Tot Ion:114 Resp: 661554
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 32.4
 88 19.6 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 44.807 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.04 min
 Lab File: VD062312.D
 Acq: 13 May 2019 18:39

Tgt Ion:113 Resp: 245944
 Ion Ratio Lower Upper
 113 100
 111 100.6 78.5 117.7
 192 18.6 13.0 19.4





#50

Toluene-d8

Concen: 32.276 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.03 min

Lab File: VD062312.D

Acq: 13 May 2019 18:39

Instrument :

MSVOA_D

ClientSampleId :

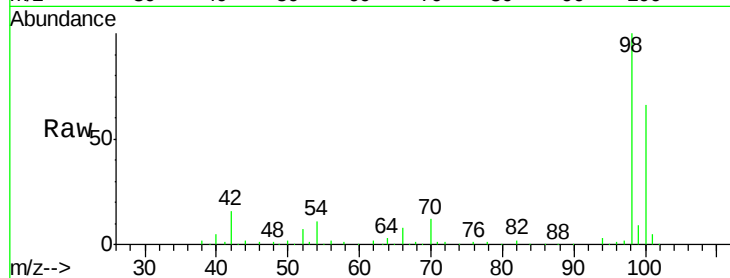
P021-SS002-0002-01

Tot Ion: 98 Resp: 427153

Ion Ratio Lower Upper

98 100

100 65.5 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062312.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062312.D (-905) (-)

10.42

200000

150000

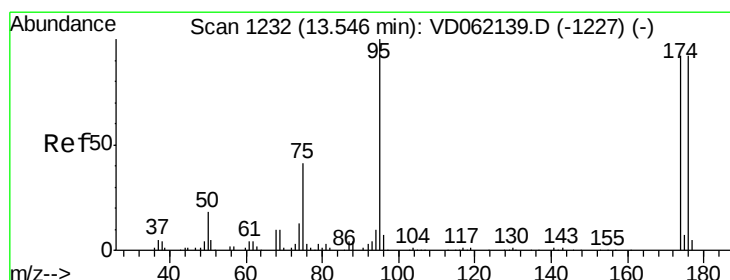
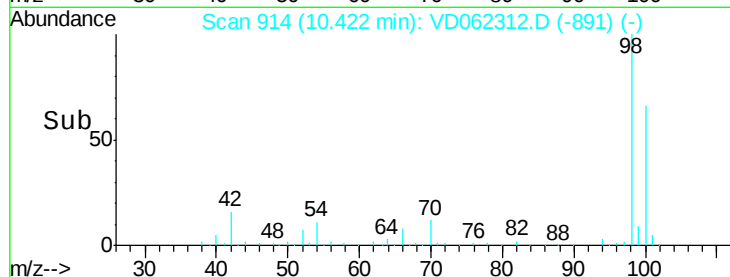
100000

50000

0

Time-->

10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 26.941 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD062312.D

Acq: 13 May 2019 18:39

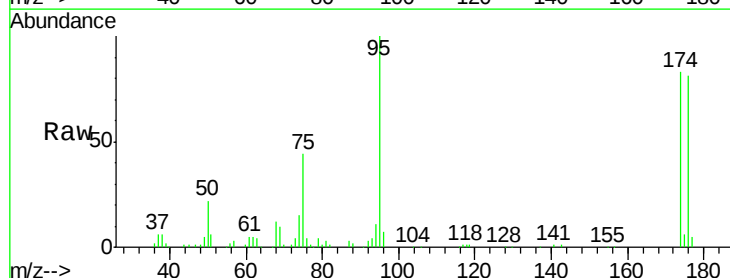
Tgt Ion: 95 Resp: 143174

Ion Ratio Lower Upper

95 100

174 83.4 0.0 181.8

176 81.5 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062312.D (-1211) (-)

Ion 173.90 (173.60 to 174.60): VD062312.D (-1211) (-)

Ion 175.90 (175.60 to 176.60): VD062312.D (-1211) (-)

13.56

150000

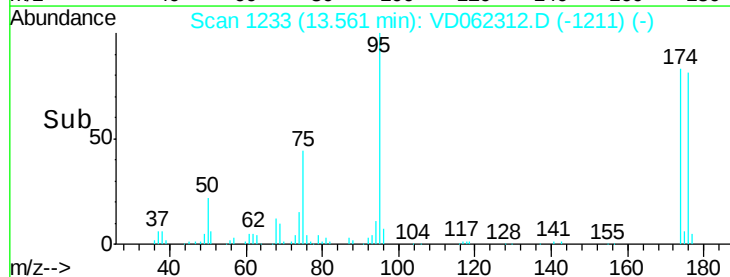
100000

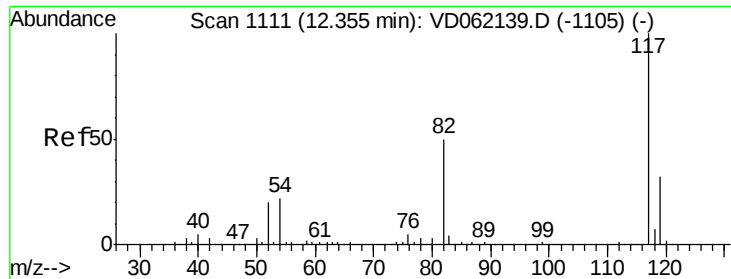
50000

0

Time-->

13.50 13.55 13.60 13.65

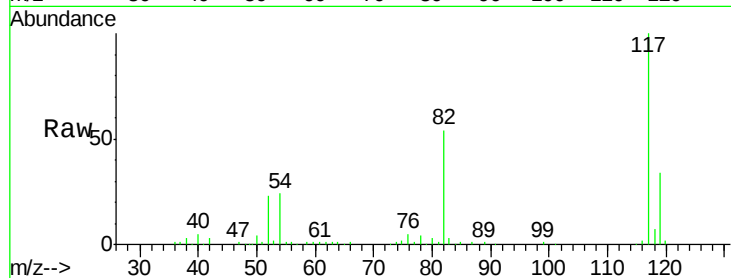




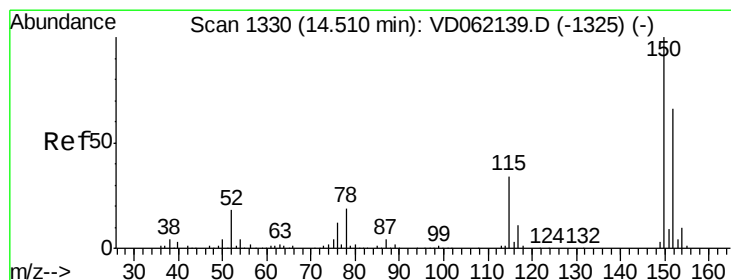
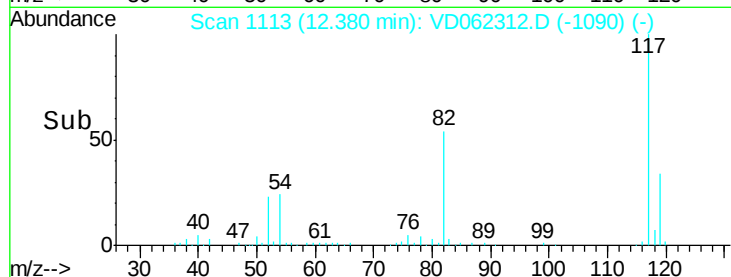
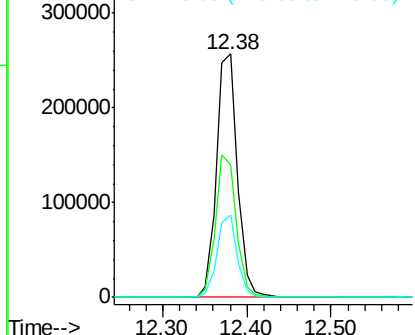
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD062312.D
Acq: 13 May 2019 18:39

Instrument :
MSVOA_D
ClientSampleId :
P021-SS002-0002-01

Tot Ion:117 Resp: 443845
Ion Ratio Lower Upper
117 100
82 54.5 36.2 54.2#
119 33.6 26.2 39.4

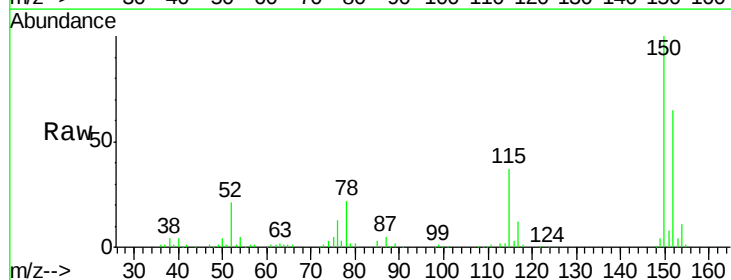


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD062312.D
Acq: 13 May 2019 18:39

Tgt Ion:152 Resp: 145285
Ion Ratio Lower Upper
152 100
115 56.6 30.9 92.7
150 154.8 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

