

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062331.D
 Acq On : 14 May 2019 4:49
 Operator : FY/SY
 Sample : K2735-09
 Misc : 5.64g/5mL/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS016-0206-01

Quant Time: May 14 08:22:47 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	574289	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	772769	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	503366	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	192801	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	268419	50.29	ug/l	0.05
Spiked Amount			Recovery	=	100.58%	
35) Dibromofluoromethane	6.94	113	318495	49.67	ug/l	0.05
Spiked Amount			Recovery	=	99.34%	
50) Toluene-d8	10.43	98	513774	33.23	ug/l	0.03
Spiked Amount			Recovery	=	66.46%	
62) 4-Bromofluorobenzene	13.57	95	177728	28.63	ug/l	0.02
Spiked Amount			Recovery	=	57.26%	

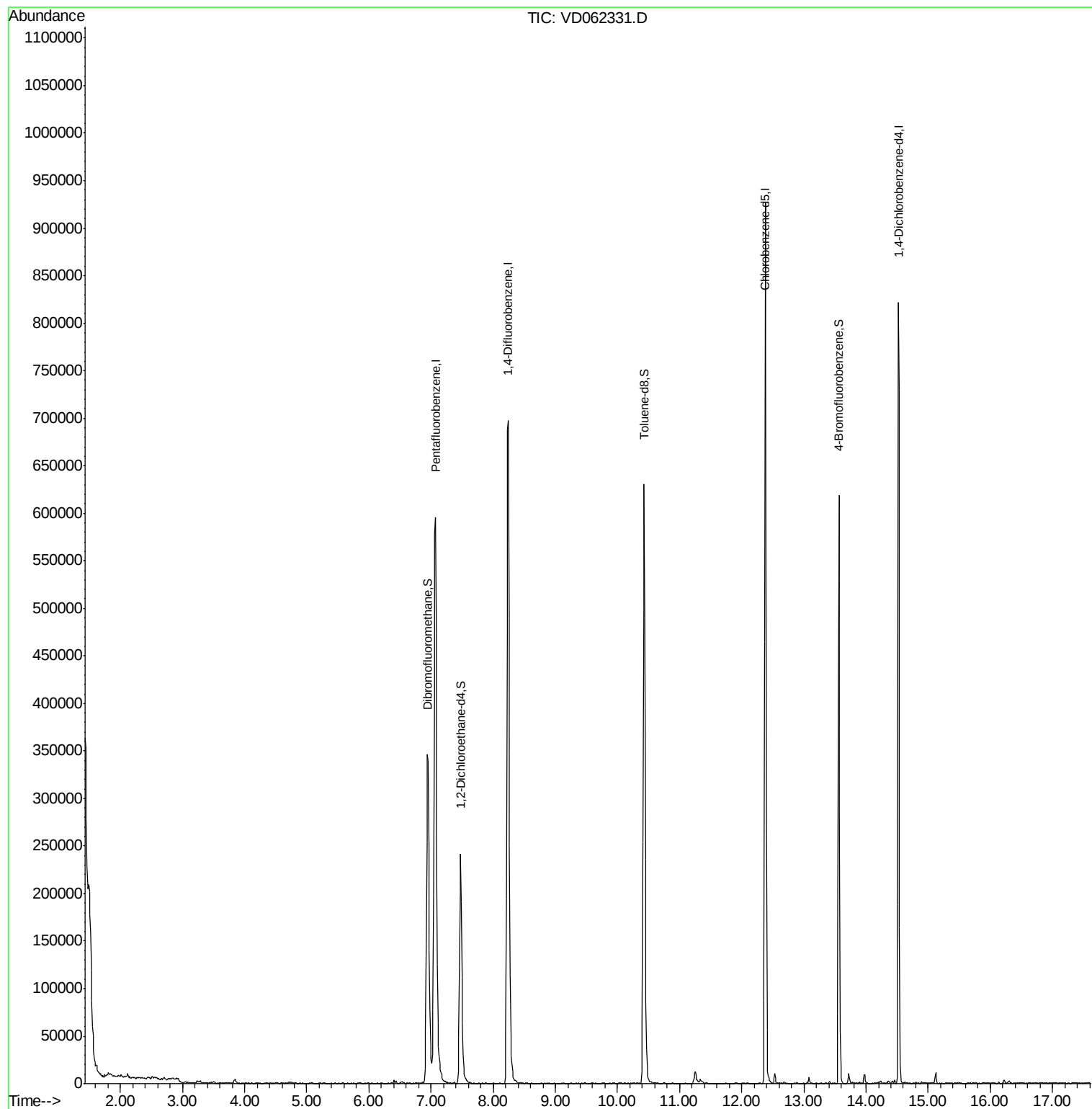
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.05 min

Lab File: VD062331.D

Acq: 14 May 2019 4:49

Instrument :

MSVOA_D

ClientSampleId :

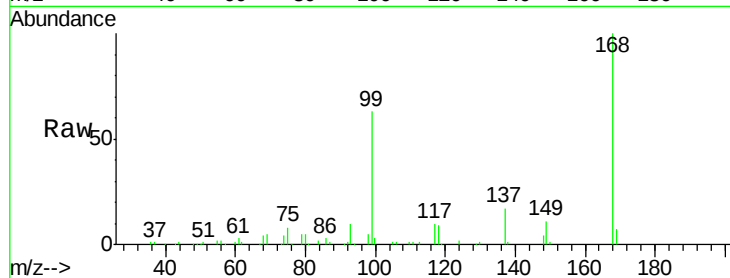
P026-SS016-0206-01

Tot Ion:168 Resp: 574289

Ion Ratio Lower Upper

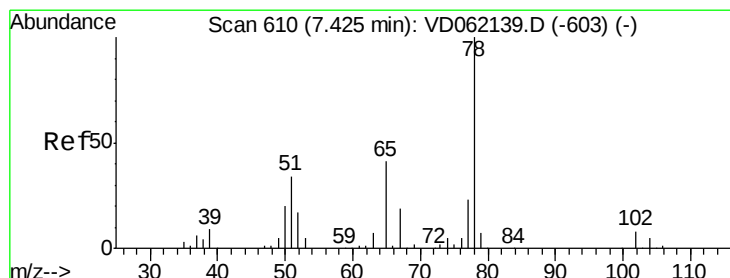
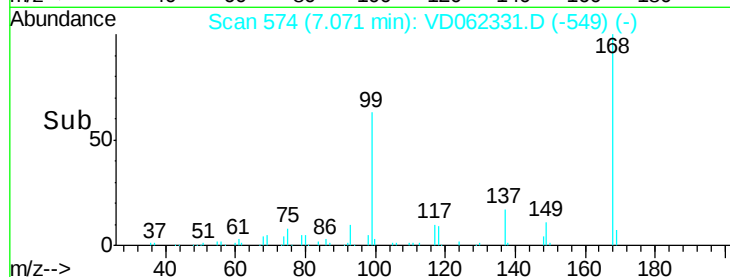
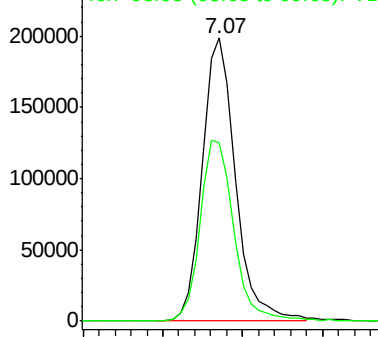
168 100

99 63.0 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: 50.295 ug/l

RT: 7.47 min Scan# 615

Delta R.T. 0.05 min

Lab File: VD062331.D

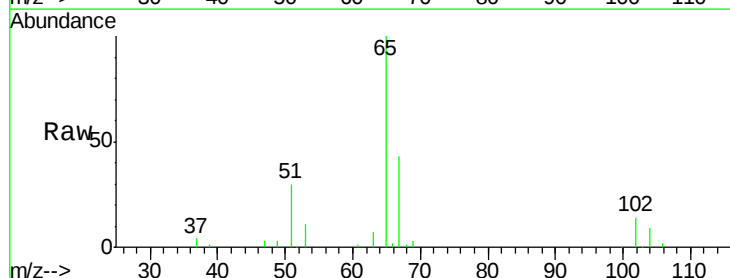
Acq: 14 May 2019 4:49

Tgt Ion: 65 Resp: 268419

Ion Ratio Lower Upper

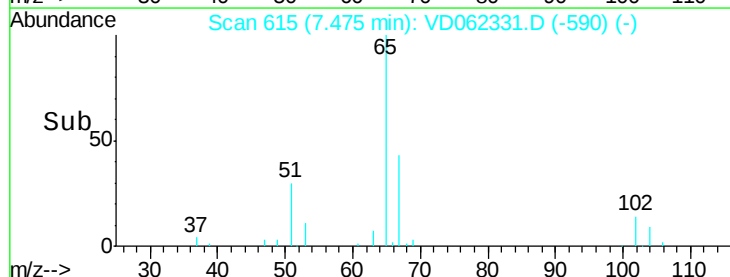
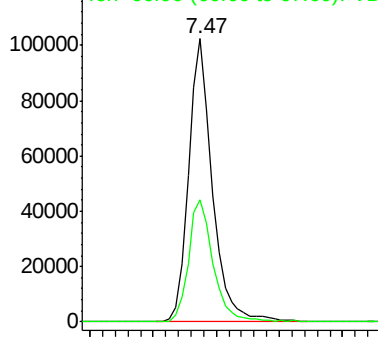
65 100

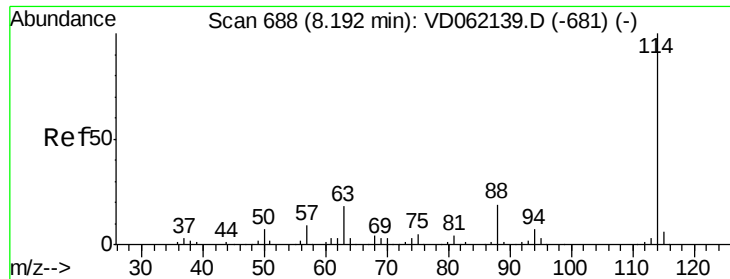
67 43.2 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

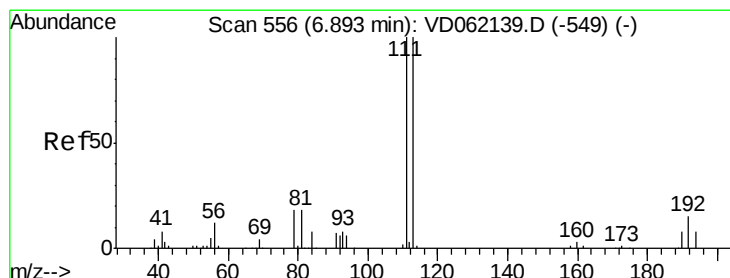
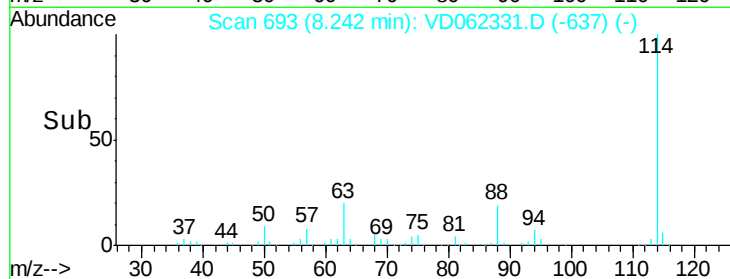
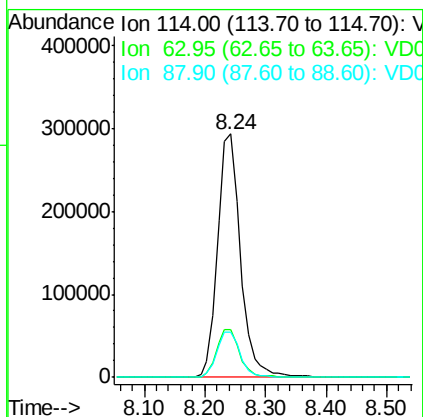
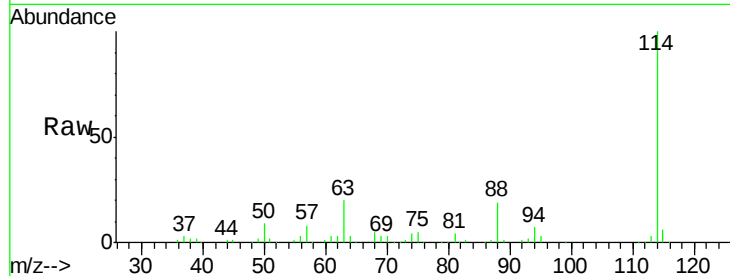




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.05 min
 Lab File: VD062331.D
 Acq: 14 May 2019 4:49

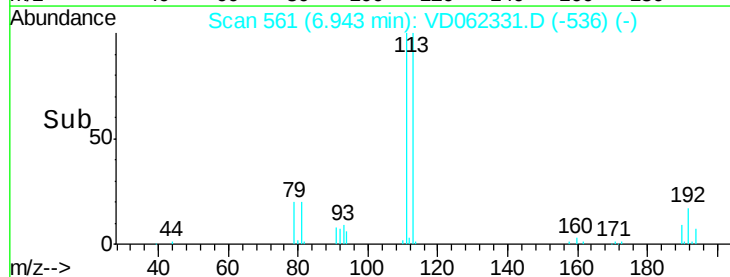
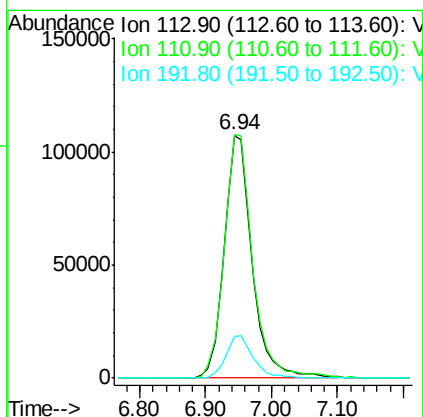
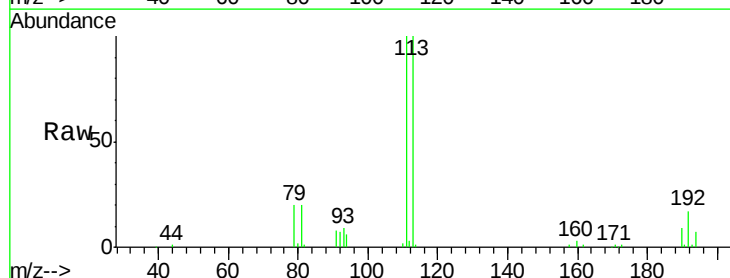
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS016-0206-01

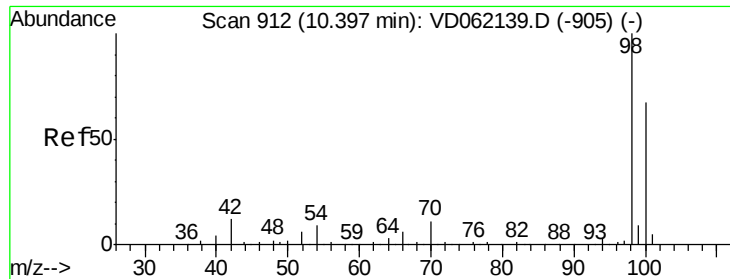
Tot Ion:114 Resp: 772769
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 32.4
 88 18.6 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 49.674 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062331.D
 Acq: 14 May 2019 4:49

Tgt Ion:113 Resp: 318495
 Ion Ratio Lower Upper
 113 100
 111 100.5 78.5 117.7
 192 16.9 13.0 19.4





#50

Toluene-d8

Concen: 33.234 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062331.D

Acq: 14 May 2019 4:49

Instrument :

MSVOA_D

ClientSampleId :

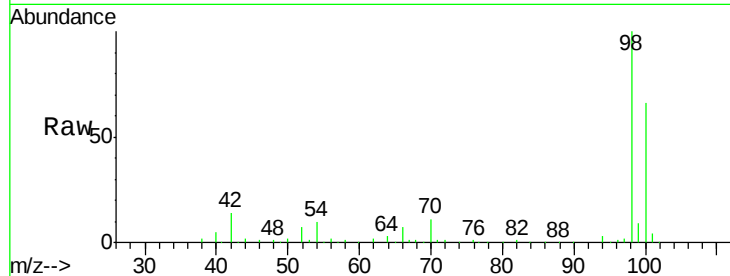
P026-SS016-0206-01

Tot Ion: 98 Resp: 513774

Ion Ratio Lower Upper

98 100

100 66.2 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

250000

200000

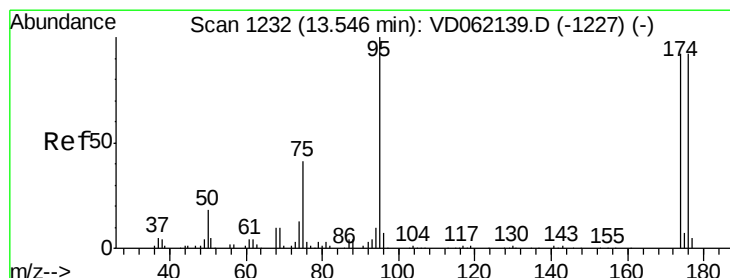
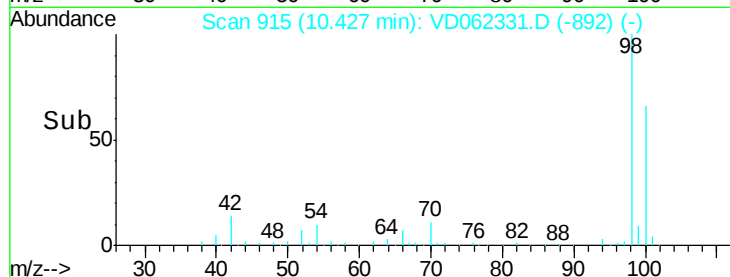
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 28.630 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062331.D

Acq: 14 May 2019 4:49

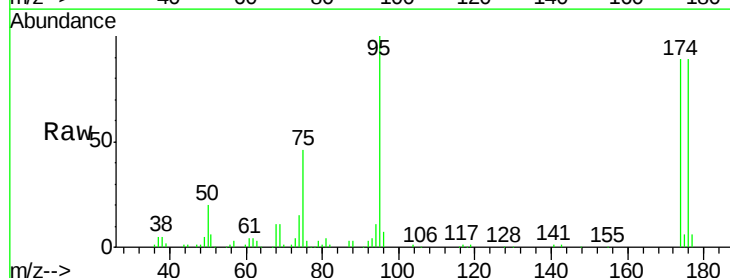
Tgt Ion: 95 Resp: 177728

Ion Ratio Lower Upper

95 100

174 89.1 0.0 181.8

176 88.9 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

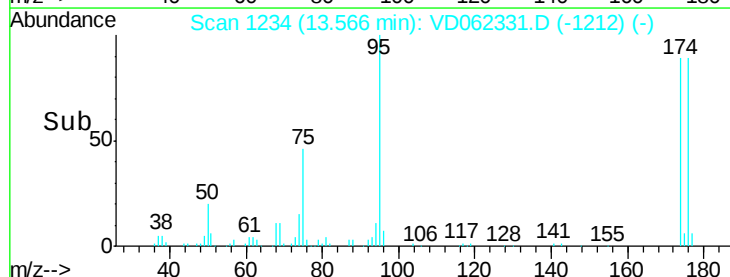
150000

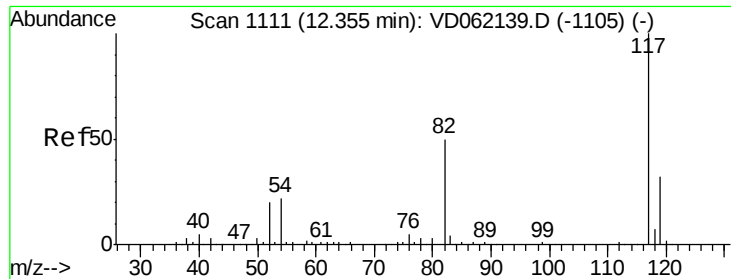
100000

50000

0

Time-->

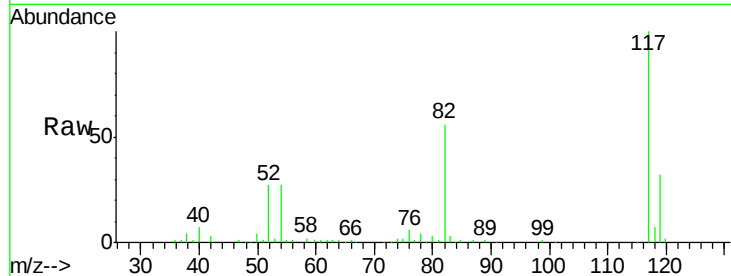




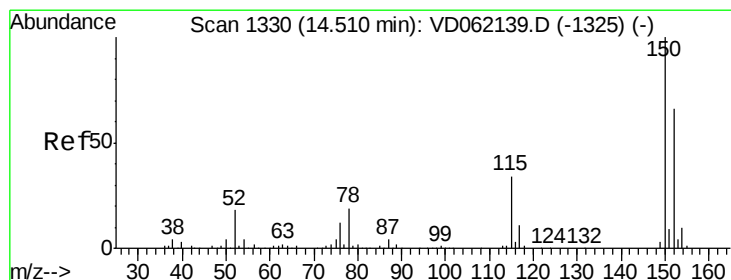
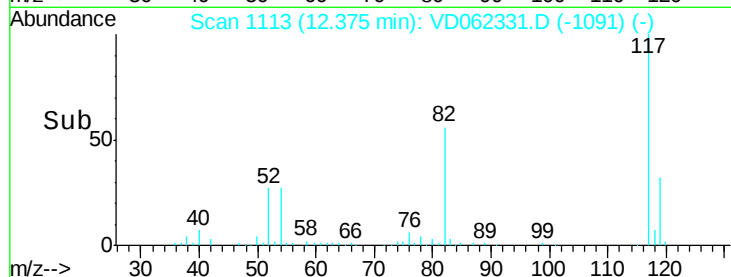
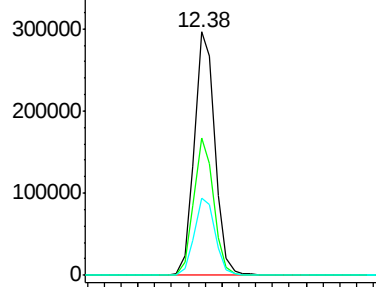
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062331.D
Acq: 14 May 2019 4:49

Instrument :
MSVOA_D
ClientSampleId :
P026-SS016-0206-01

Tot Ion:117 Resp: 503366
Ion Ratio Lower Upper
117 100
82 56.4 36.2 54.2#
119 31.5 26.2 39.4

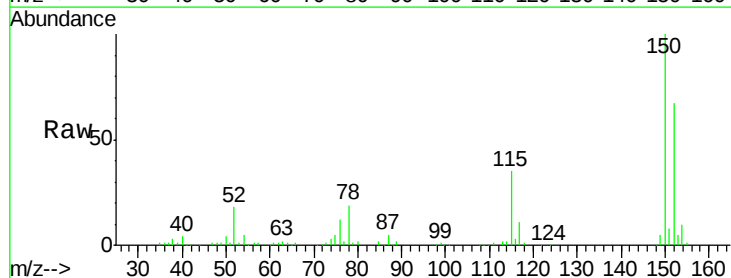


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VD062331.D
Acq: 14 May 2019 4:49

Tgt Ion:152 Resp: 192801
Ion Ratio Lower Upper
152 100
115 52.4 30.9 92.7
150 150.1 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

