

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062314.D
 Acq On : 13 May 2019 19:35
 Operator : FY/SY
 Sample : K2733-14RE
 Misc : 5.77g/5mL/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS003-0002-01RE

Quant Time: May 14 05:58:17 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	476621	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	634887	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	423847	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	146403	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	229322	51.77	ug/l	0.04
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	6.94	113	258903	49.15	ug/l	0.05
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	10.43	98	405942	31.96	ug/l	0.03
Spiked Amount	50.000		Recovery	=	63.92%	
62) 4-Bromofluorobenzene	13.57	95	137646	26.99	ug/l	0.02
Spiked Amount	50.000		Recovery	=	53.98%	

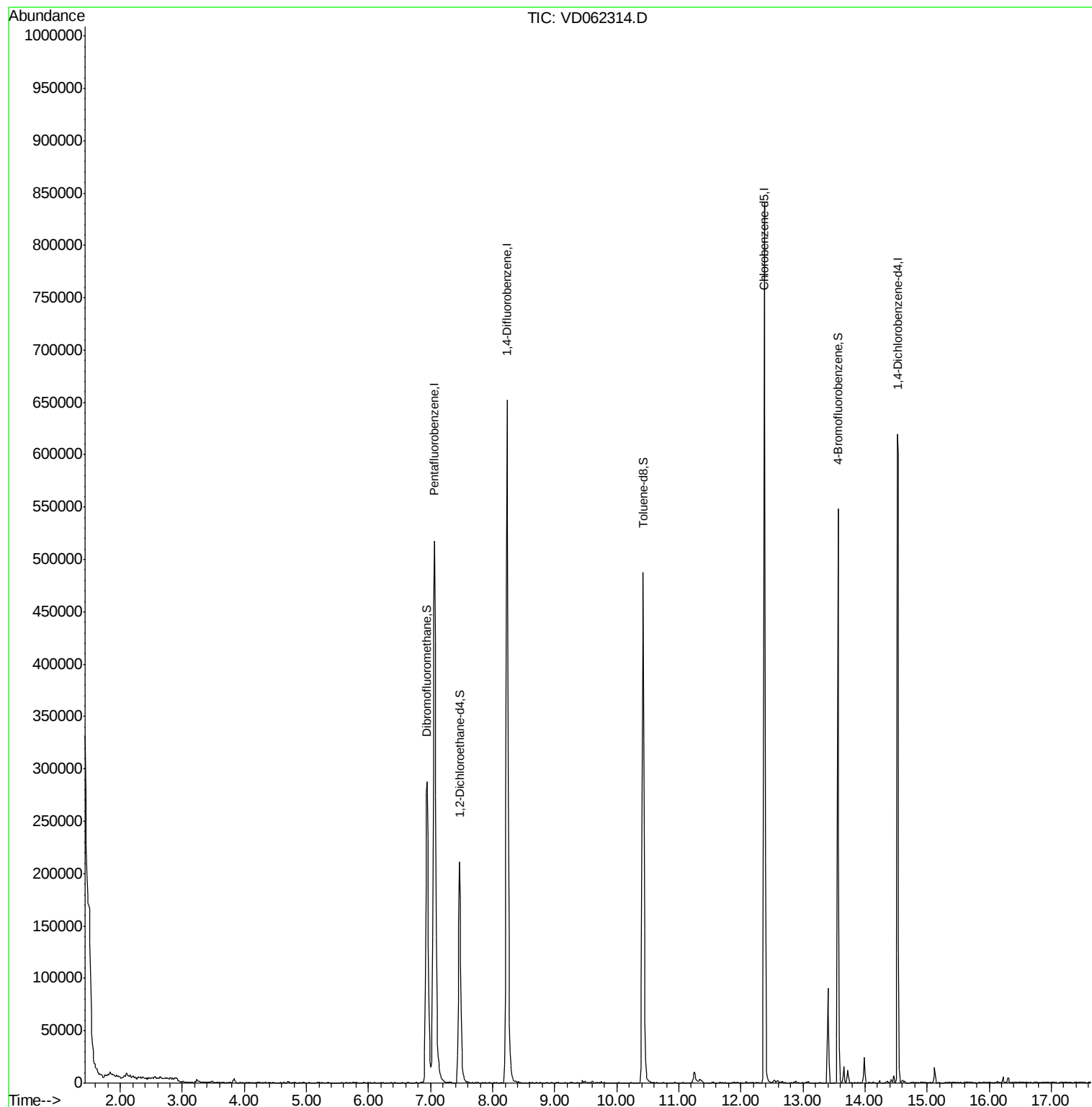
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

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Acq: 13 May 2019 19:35

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MSVOA_D

ClientSampleId :

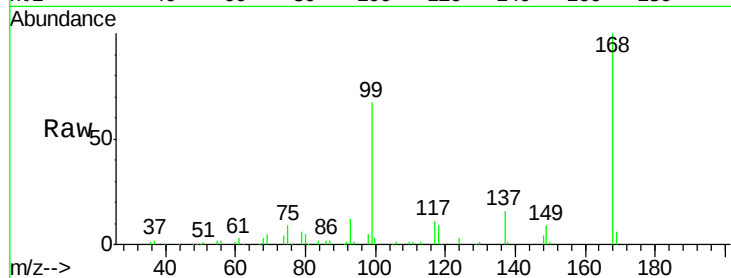
P021-SS003-0002-01RE

Tot Ion:168 Resp: 476621

Ion Ratio Lower Upper

168 100

99 66.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

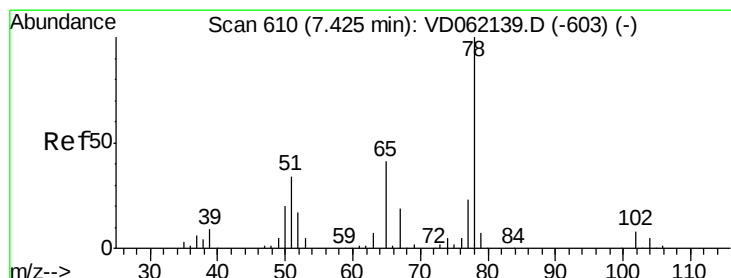
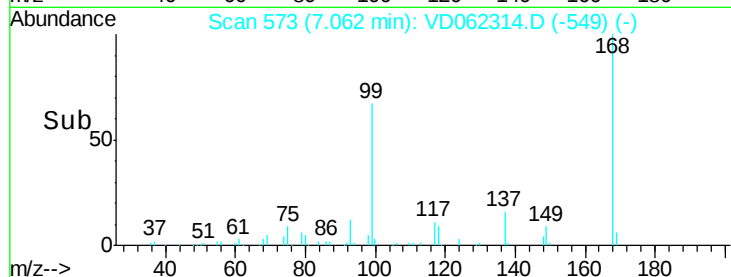
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.774 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062314.D

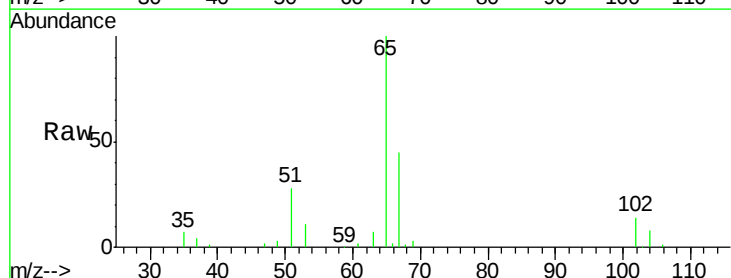
Acq: 13 May 2019 19:35

Tgt Ion: 65 Resp: 229322

Ion Ratio Lower Upper

65 100

67 45.2 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

100000

80000

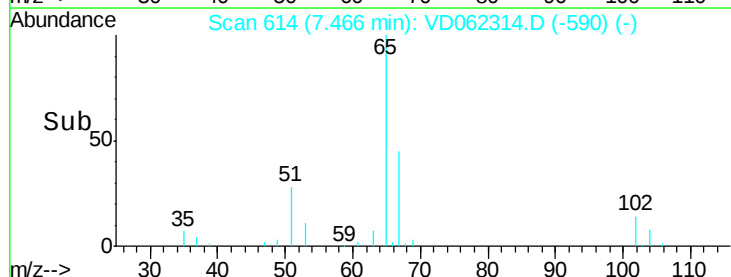
60000

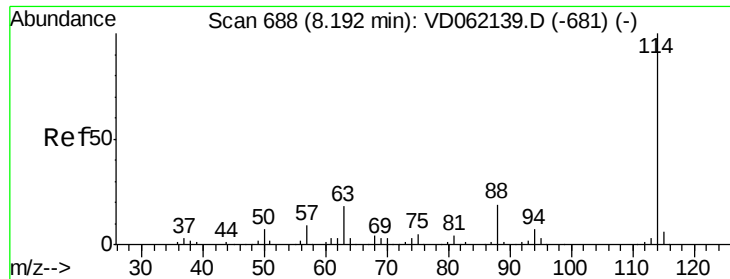
40000

20000

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Time-->

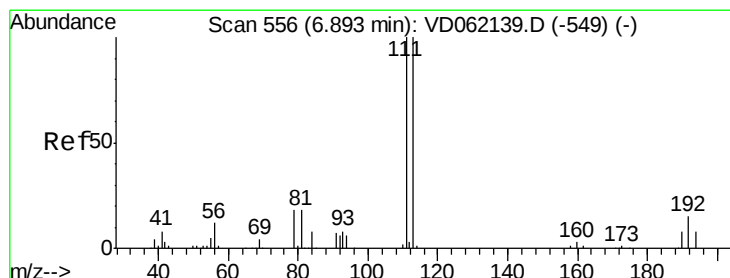
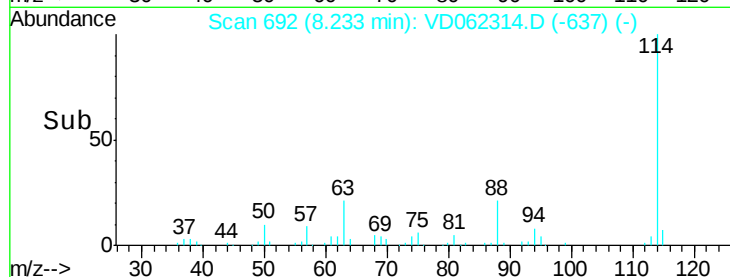
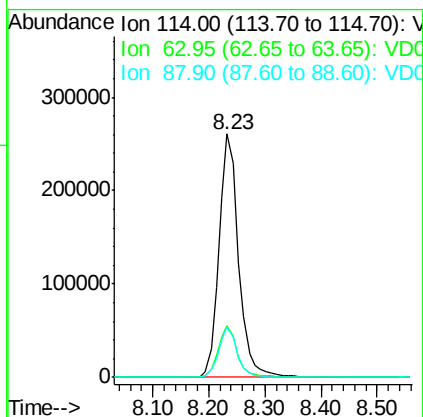
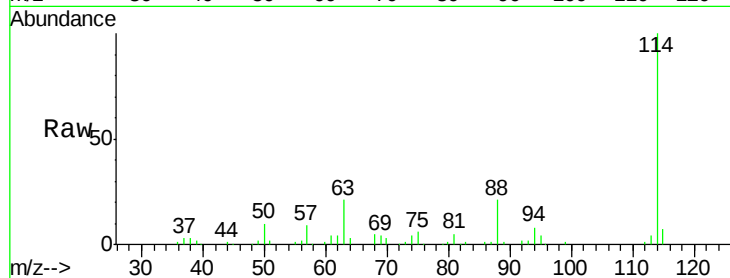




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062314.D
 Acq: 13 May 2019 19:35

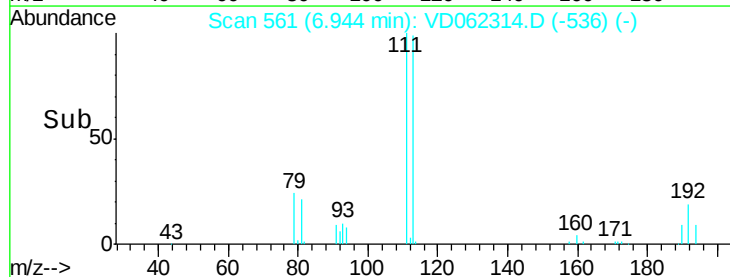
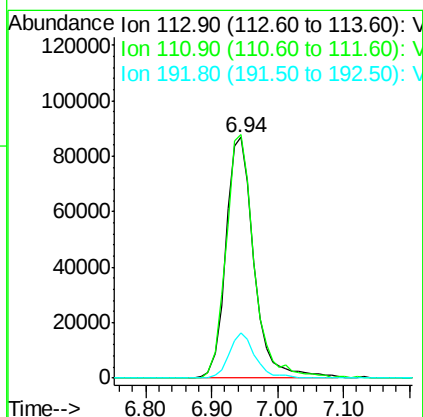
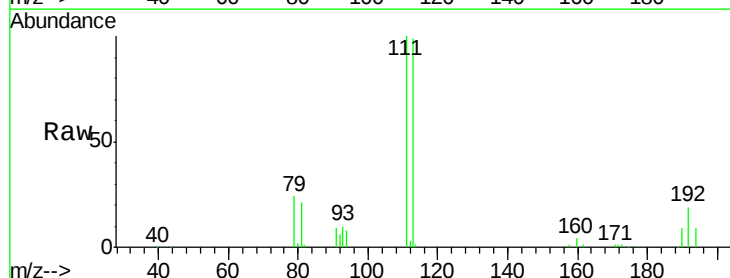
Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS003-0002-01RE

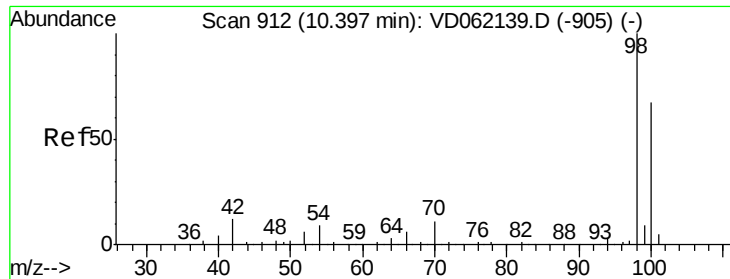
Tot Ion:114 Resp: 634887
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 32.4
 88 20.5 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 49.149 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062314.D
 Acq: 13 May 2019 19:35

Tgt Ion:113 Resp: 258903
 Ion Ratio Lower Upper
 113 100
 111 101.2 78.5 117.7
 192 18.8 13.0 19.4





#50

Toluene-d8

Concen: 31.962 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062314.D

Acq: 13 May 2019 19:35

Instrument :

MSVOA_D

ClientSampleId :

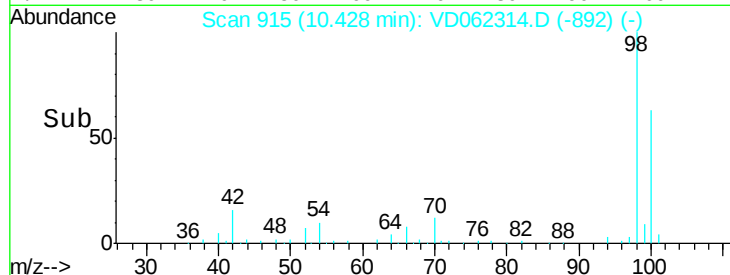
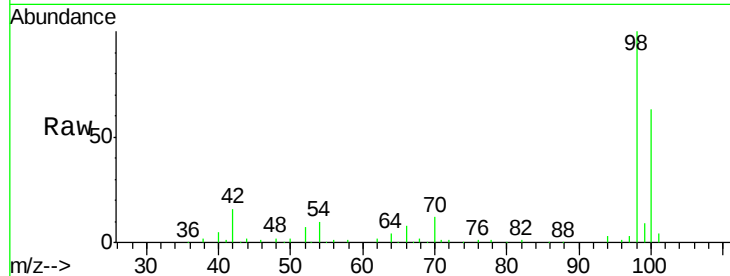
P021-SS003-0002-01RE

Tot Ion: 98 Resp: 405942

Ion Ratio Lower Upper

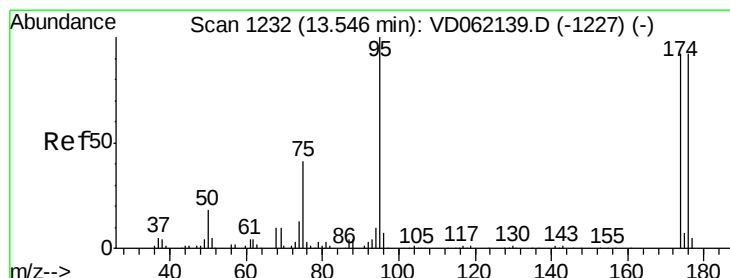
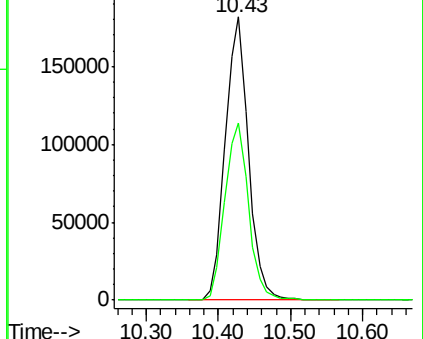
98 100

100 62.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 26.988 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062314.D

Acq: 13 May 2019 19:35

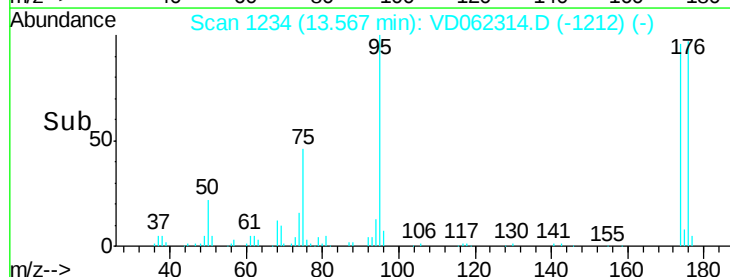
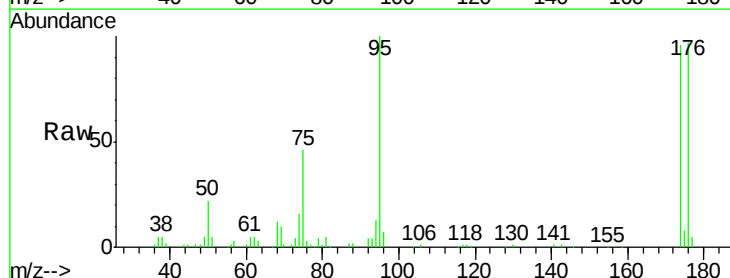
Tgt Ion: 95 Resp: 137646

Ion Ratio Lower Upper

95 100

174 96.1 0.0 181.8

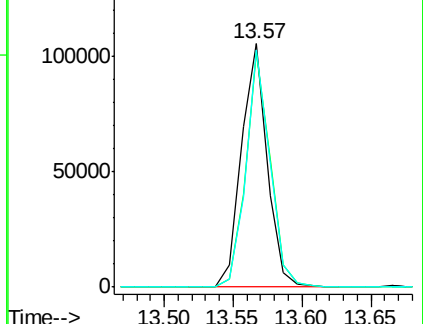
176 97.2 0.0 174.4

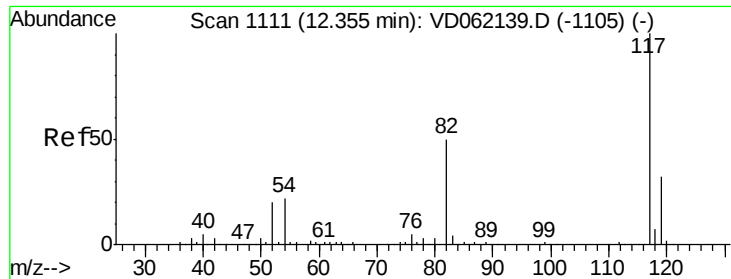


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD062314.D

Acq: 13 May 2019 19:35

Instrument :

MSVOA_D

ClientSampleId :

P021-SS003-0002-01RE

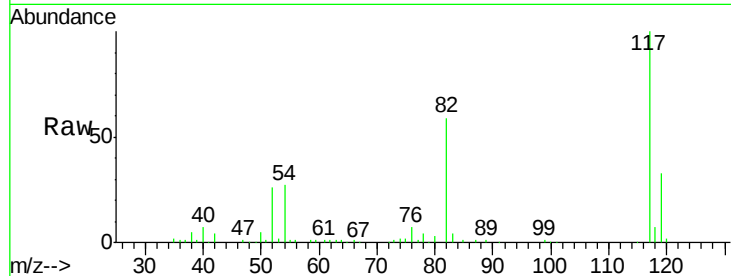
Tot Ion:117 Resp: 423847

Ion Ratio Lower Upper

117 100

82 59.0 36.2 54.2#

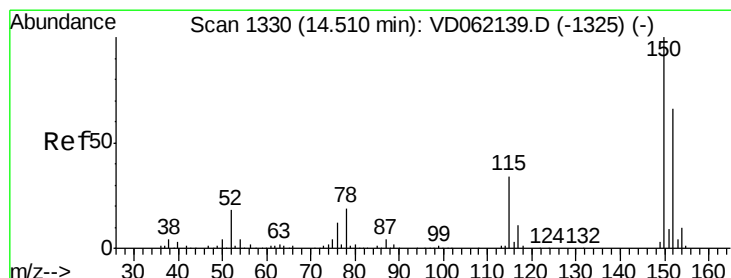
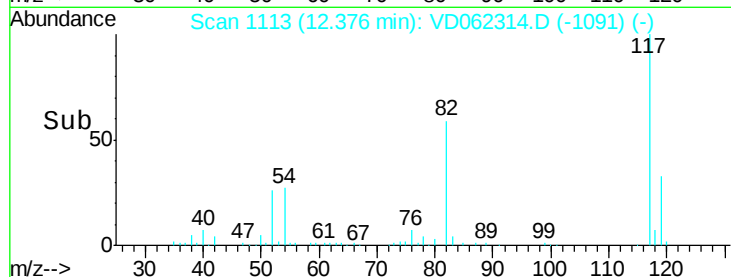
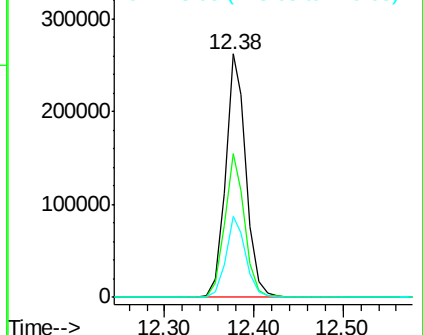
119 33.2 26.2 39.4



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: 14.53 min Scan# 1332

Delta R.T. 0.02 min

Lab File: VD062314.D

Acq: 13 May 2019 19:35

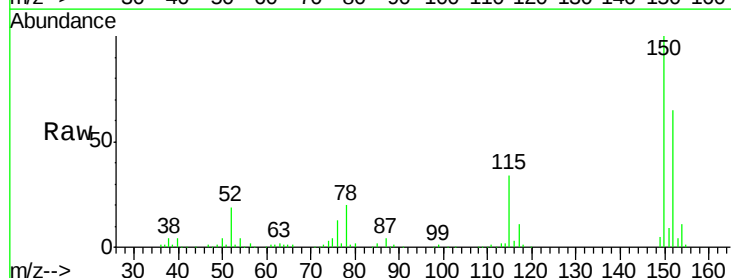
Tgt Ion:152 Resp: 146403

Ion Ratio Lower Upper

152 100

115 51.5 30.9 92.7

150 153.7 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

