

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD050919\
 Data File : VD062201.D
 Acq On : 9 May 2019 21:17
 Operator : FY/SY
 Sample : K2717-13
 Misc : 5.42g/5mL/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1824-01

Quant Time: May 10 05:07:43 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	7.04	168	665925	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	922577	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	686374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	246789	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	416360	67.28	ug/l	0.02
Spiked Amount	50.000		Recovery	=	134.56%	
35) Dibromofluoromethane	6.91	113	497654	65.01	ug/l	0.02
Spiked Amount	50.000		Recovery	=	130.02%	
50) Toluene-d8	10.39	98	946576	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
62) 4-Bromofluorobenzene	13.54	95	307758	41.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.06%	

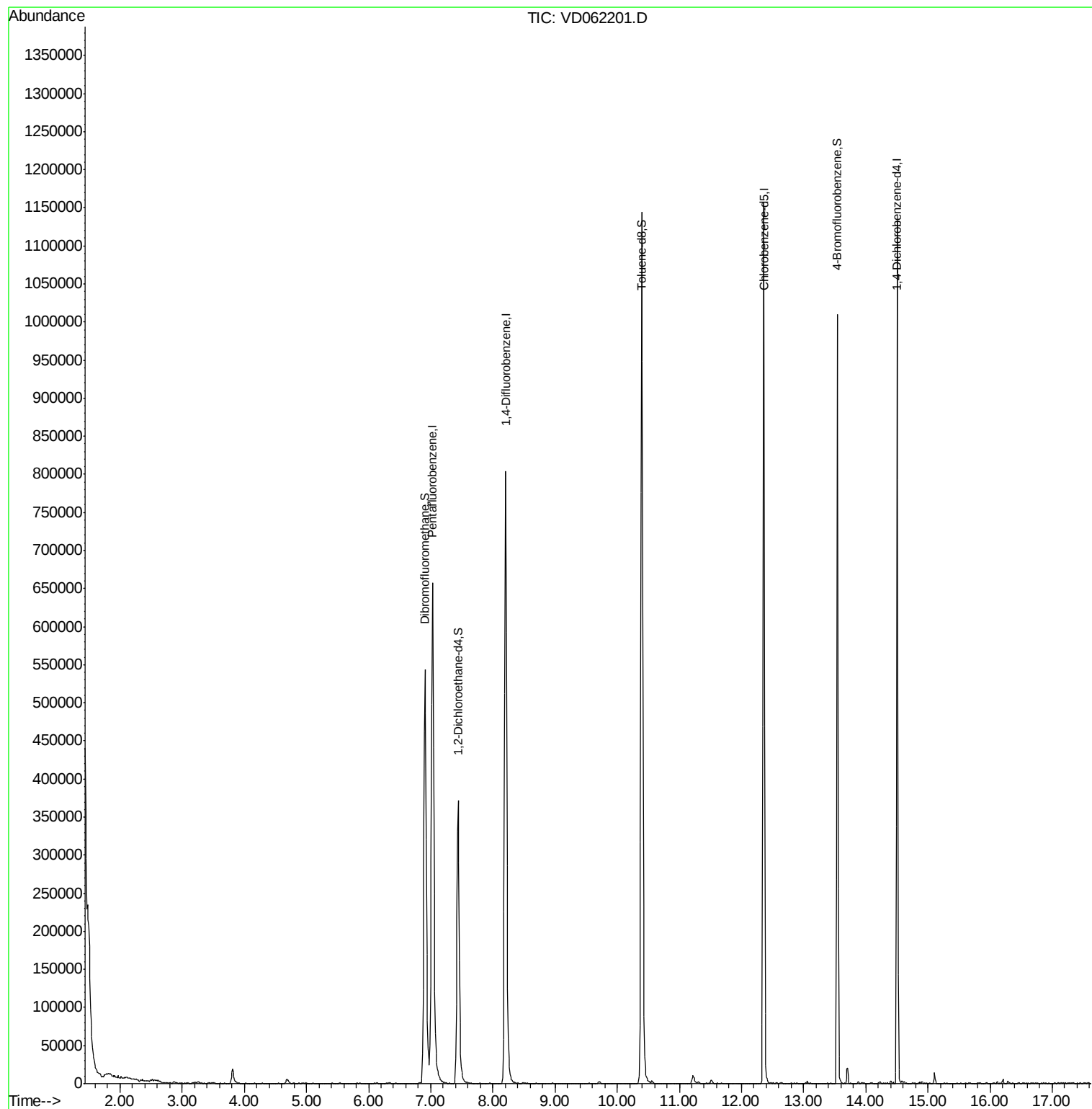
Target Compounds	Qvalue

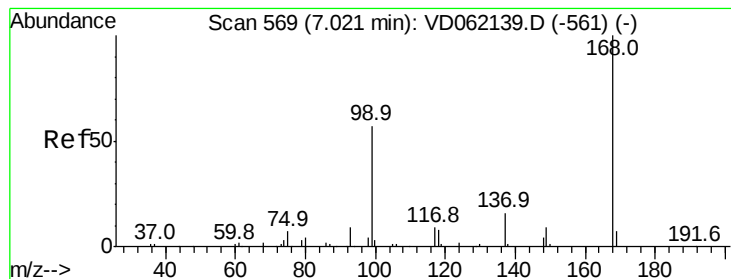
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD062201.D

Acq: 9 May 2019 21:17

Instrument :

MSVOA_D

ClientSampleId :

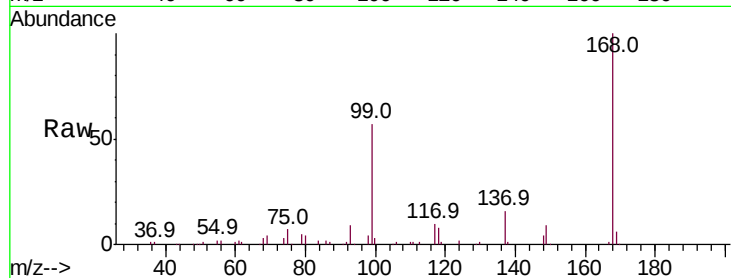
P026-SS002-1824-01

Tot Ion:168 Resp: 665925

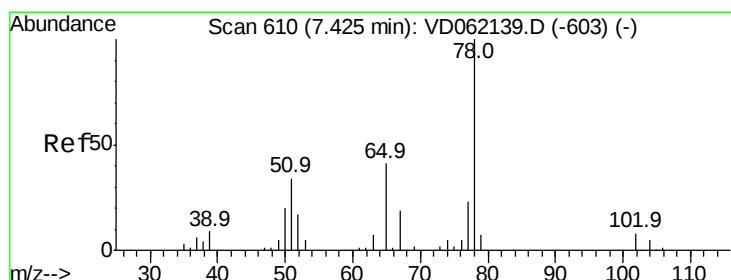
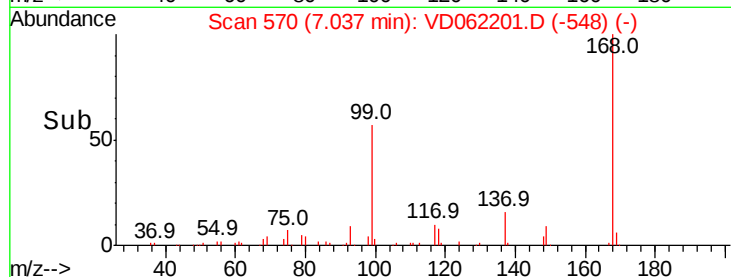
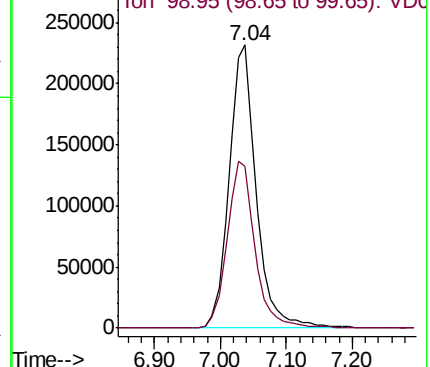
Ion Ratio Lower Upper

168 100

99 57.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V



#33

1,2-Dichloroethane-d4

Concen: 67.279 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.02 min

Lab File: VD062201.D

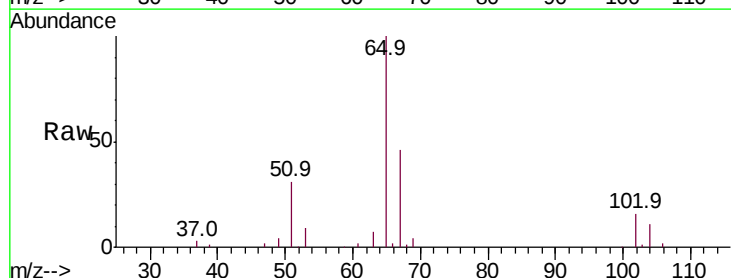
Acq: 9 May 2019 21:17

Tgt Ion: 65 Resp: 416360

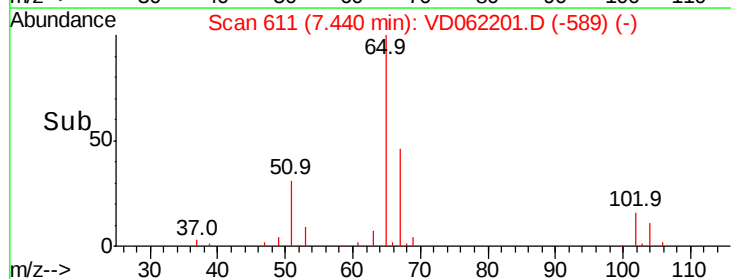
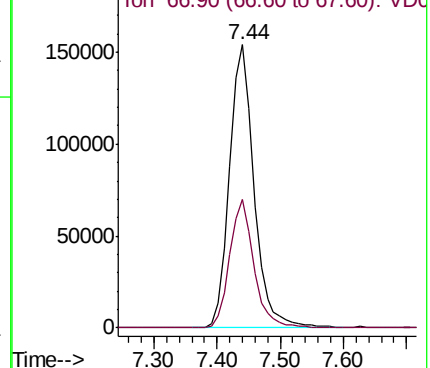
Ion Ratio Lower Upper

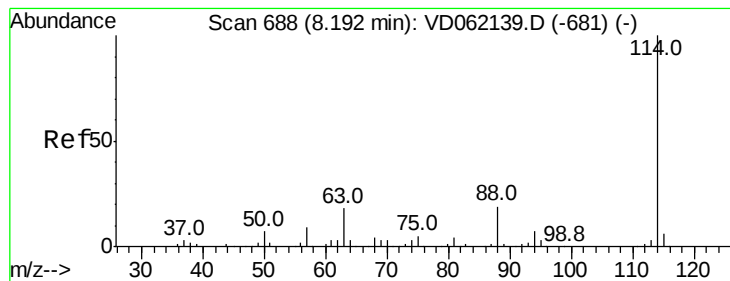
65 100

67 45.5 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. 0.02 min

Lab File: VD062201.D

Acq: 9 May 2019 21:17

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1824-01

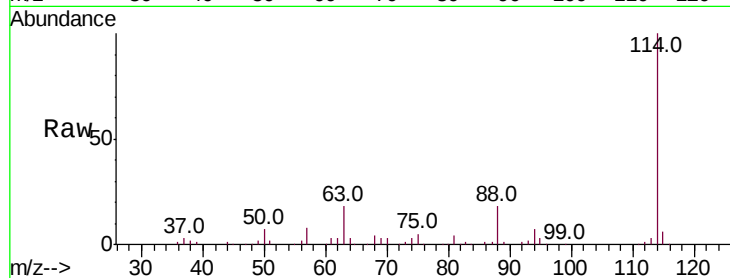
Tot Ion:114 Resp: 922577

Ion Ratio Lower Upper

114 100

63 17.8 0.0 32.4

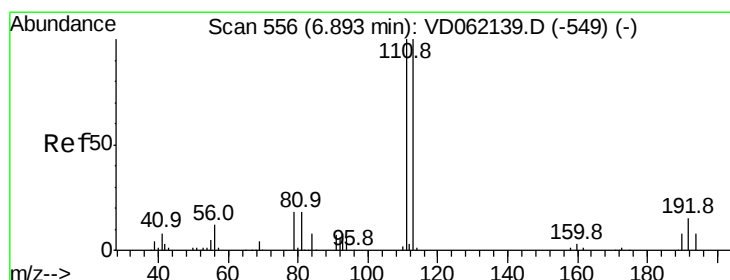
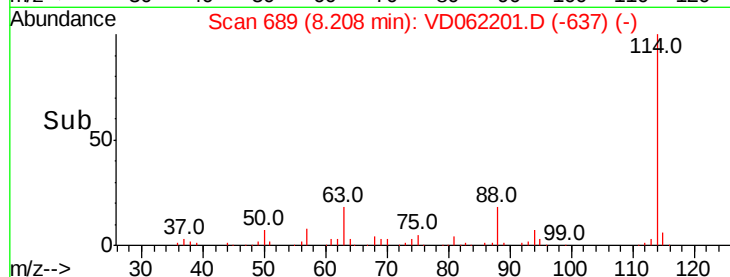
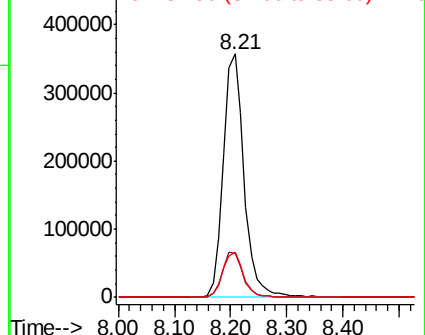
88 18.4 0.0 33.6



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: 65.013 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.02 min

Lab File: VD062201.D

Acq: 9 May 2019 21:17

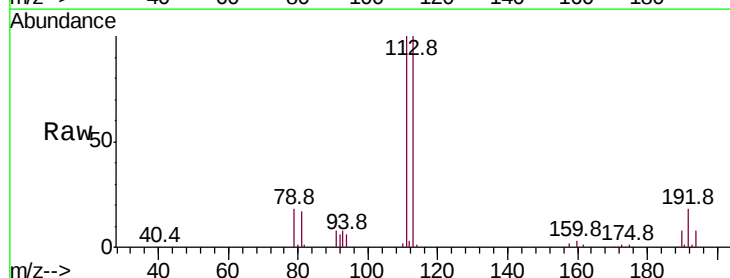
Tgt Ion:113 Resp: 497654

Ion Ratio Lower Upper

113 100

111 99.7 78.5 117.7

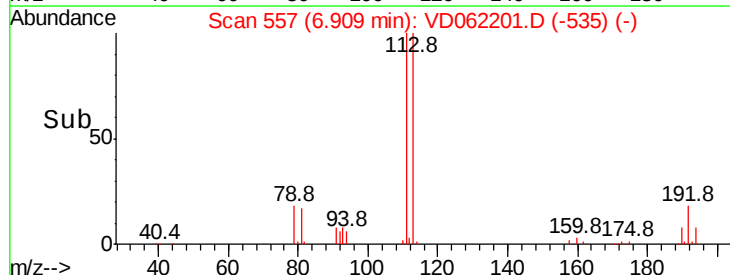
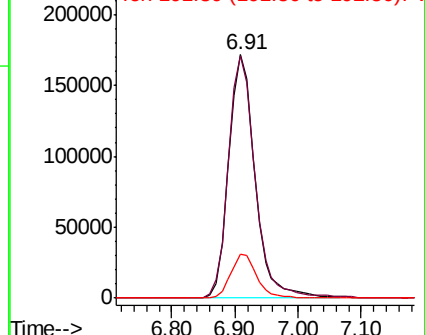
192 18.0 13.0 19.4

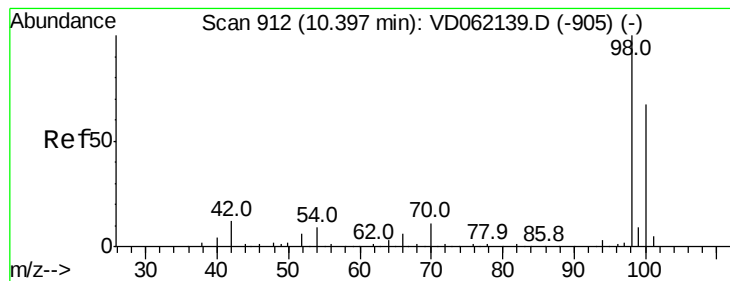


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 51.288 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.00 min

Lab File: VD062201.D

Acq: 9 May 2019 21:17

Instrument :

MSVOA_D

ClientSampleId :

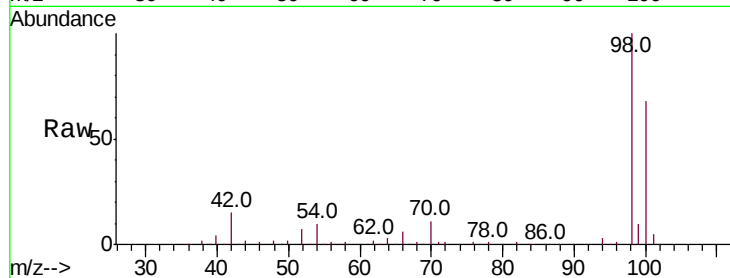
P026-SS002-1824-01

Tot Ion: 98 Resp: 946576

Ion Ratio Lower Upper

98 100

100 67.9 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.39

400000

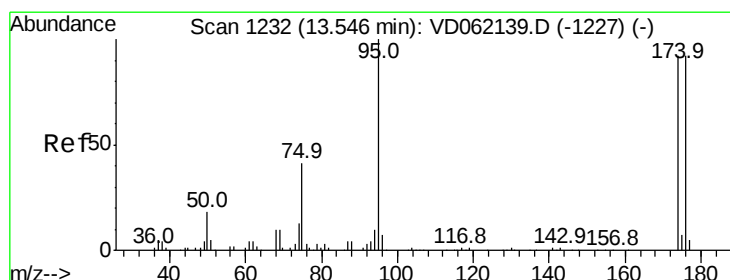
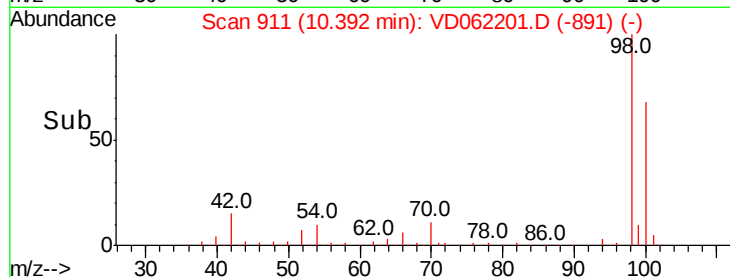
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 41.525 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD062201.D

Acq: 9 May 2019 21:17

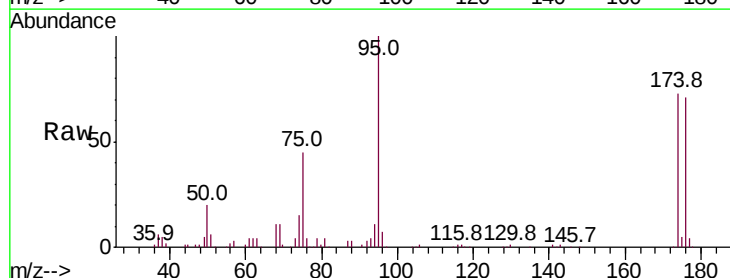
Tgt Ion: 95 Resp: 307758

Ion Ratio Lower Upper

95 100

174 73.1 0.0 181.8

176 71.2 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

300000

250000

200000

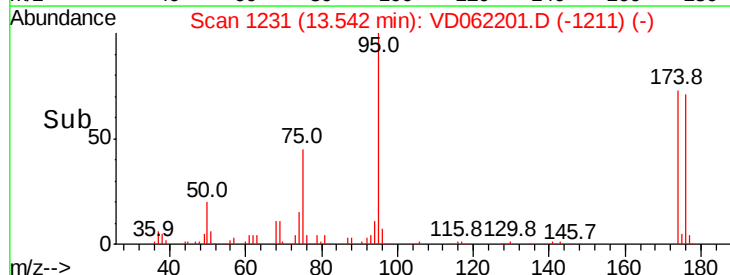
150000

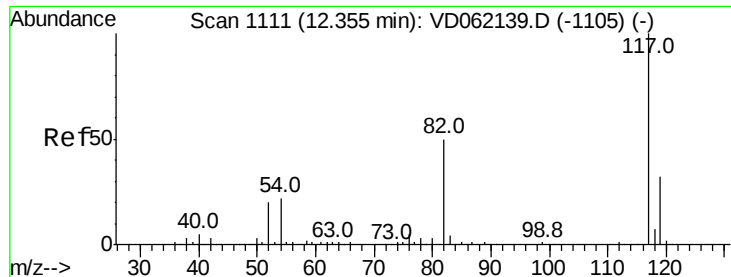
100000

50000

0

Time-->

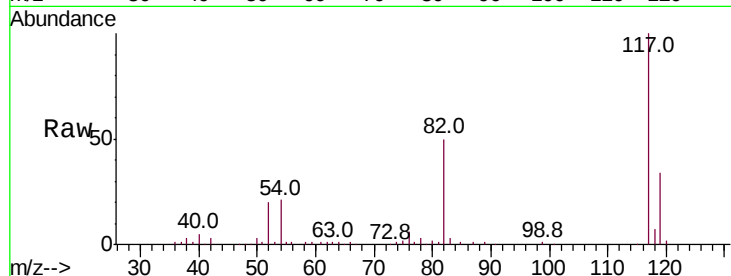




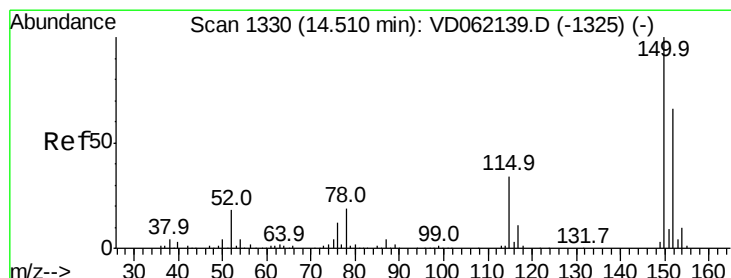
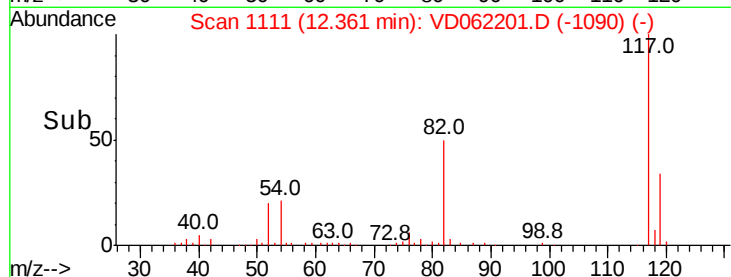
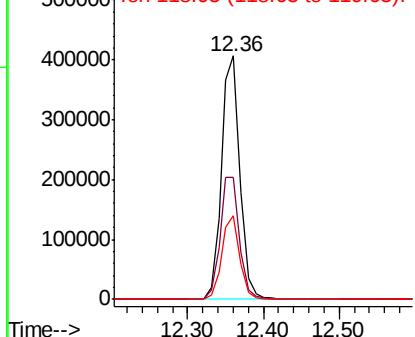
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD062201.D
Acq: 9 May 2019 21:17

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1824-01

Tot Ion:117 Resp: 686374
Ion Ratio Lower Upper
117 100
82 50.4 36.2 54.2
119 34.2 26.2 39.4

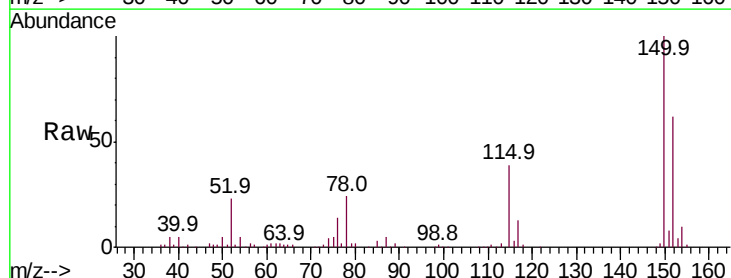


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD062201.D
Acq: 9 May 2019 21:17

Tgt Ion:152 Resp: 246789
Ion Ratio Lower Upper
152 100
115 62.5 30.9 92.7
150 160.0 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

