

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053119\
 Data File : VD062559.D
 Acq On : 31 May 2019 12:59
 Operator : VA/AP
 Sample : VD0531SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0531SBL01

Quant Time: May 31 23:41:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	788604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.24	114	969478	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	802375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	464447	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	514903	55.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.38%	
35) Dibromofluoromethane	6.94	113	503139	56.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.90%	
50) Toluene-d8	10.42	98	1052450	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
62) 4-Bromofluorobenzene	13.56	95	499556	57.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.46%	

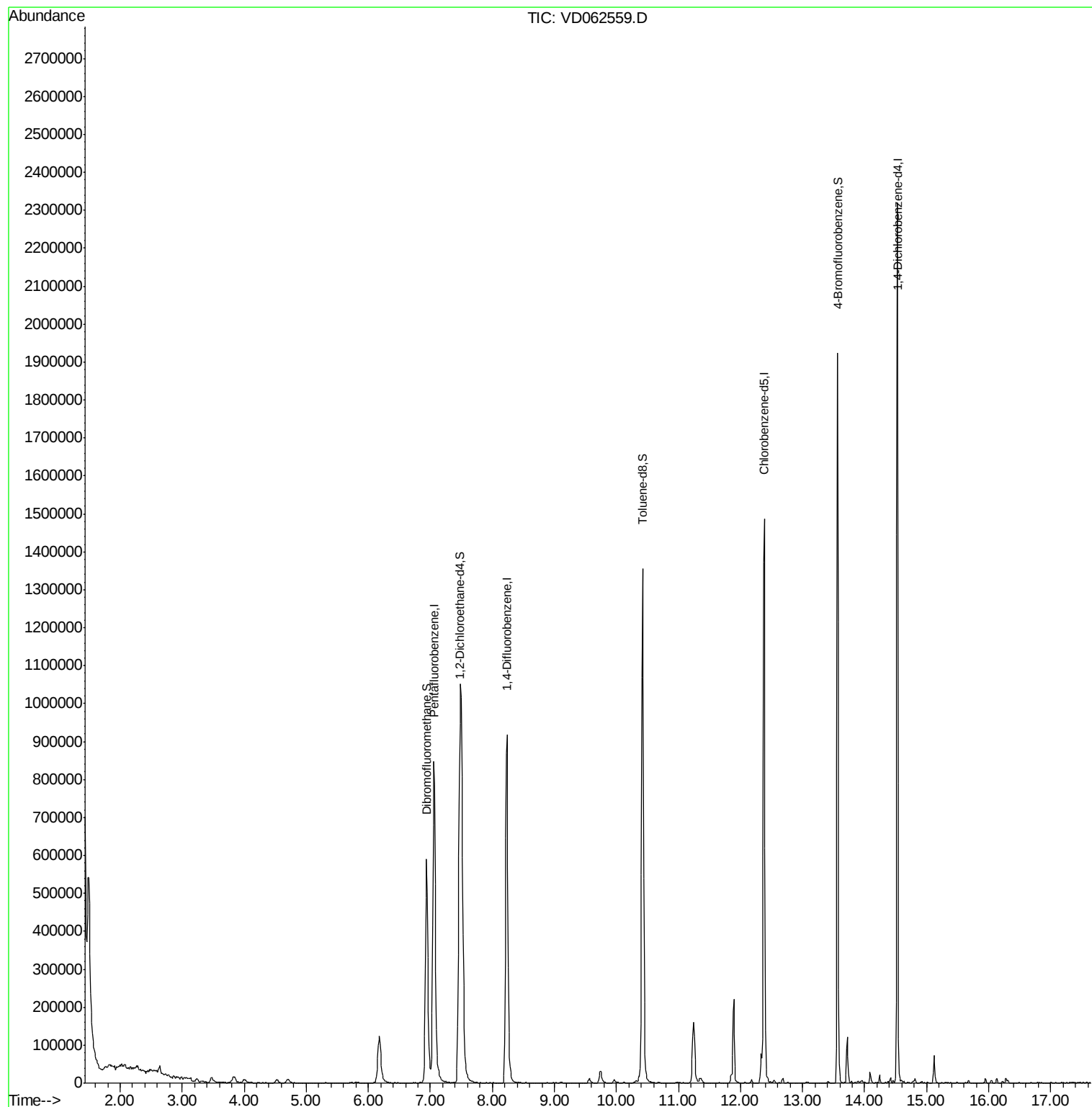
Target Compounds	Qvalue

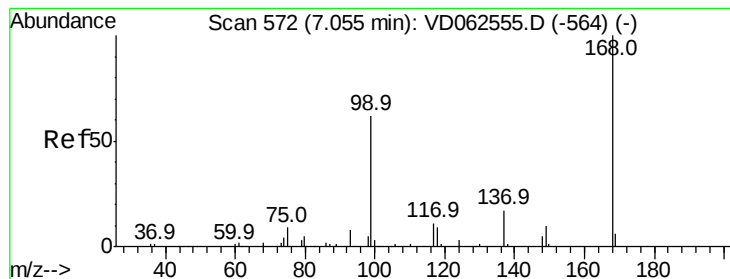
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD053119\
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Quant Title : SW846 8260
QLast Update : Fri May 31 02:08:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.00 min

Lab File: VD062559.D

Acq: 31 May 2019 12:59

Instrument :

MSVOA_D

ClientSampleId :

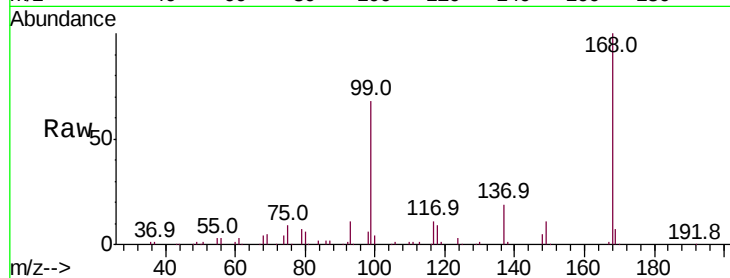
VD0531SBL01

Tot Ion:168 Resp: 788604

Ion Ratio Lower Upper

168 100

99 68.4 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

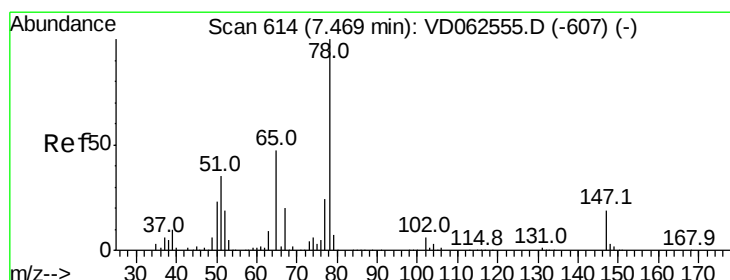
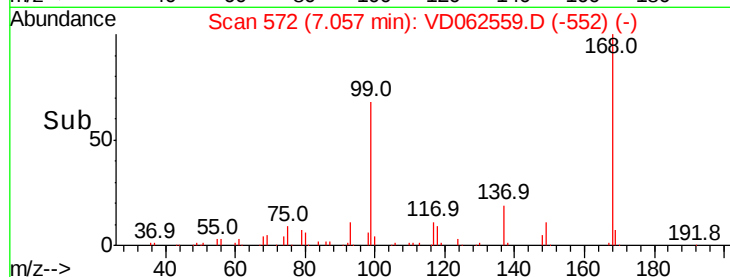
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.686 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.00 min

Lab File: VD062559.D

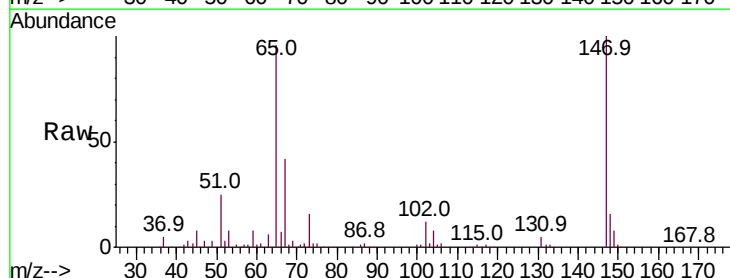
Acq: 31 May 2019 12:59

Tgt Ion: 65 Resp: 514903

Ion Ratio Lower Upper

65 100

67 44.0 0.0 83.6



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

200000

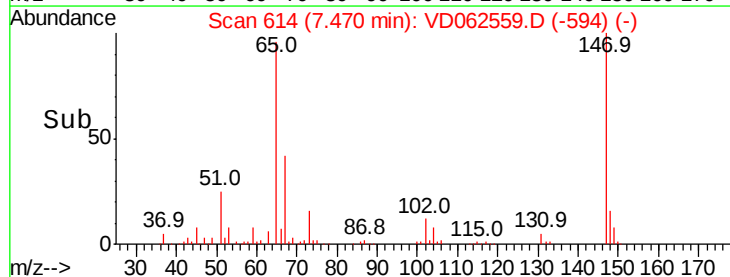
150000

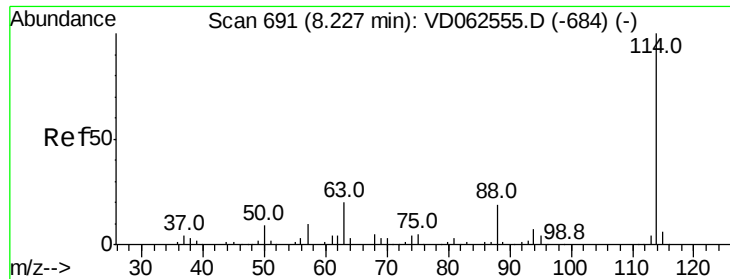
100000

50000

0

Time-->

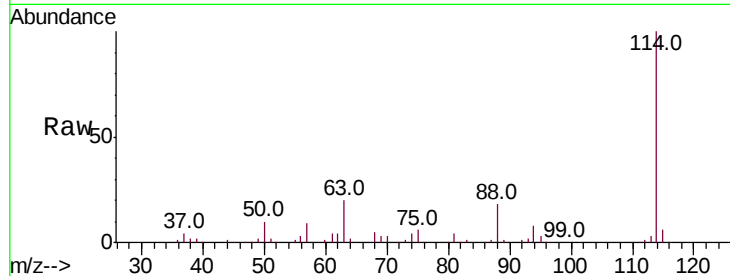




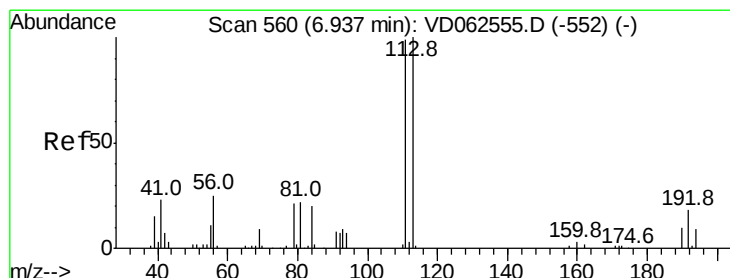
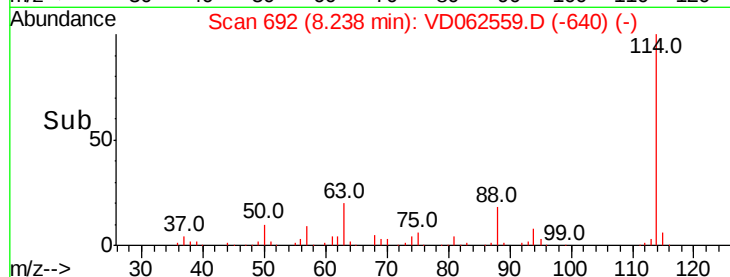
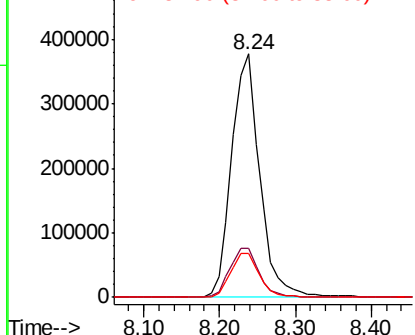
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: VD062559.D
 Acq: 31 May 2019 12:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0531SBL01

Tot Ion:114 Resp: 969478
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.6
 88 18.2 0.0 37.6

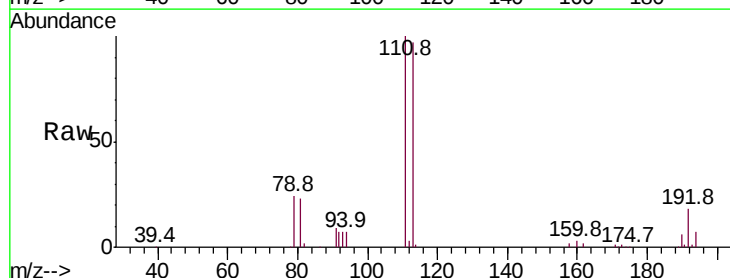


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

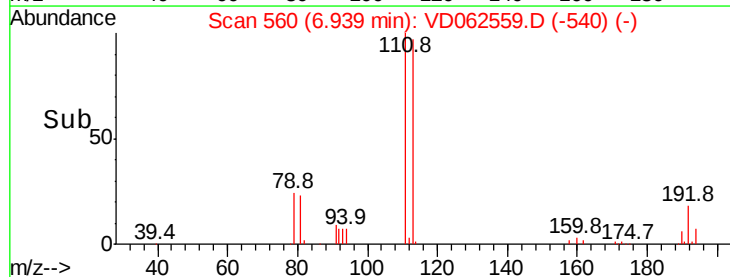
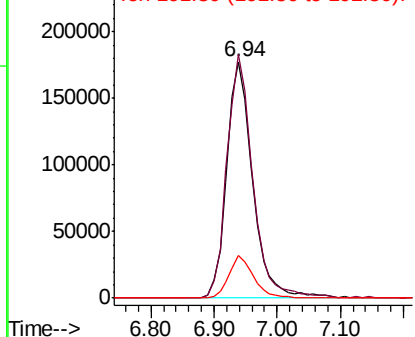


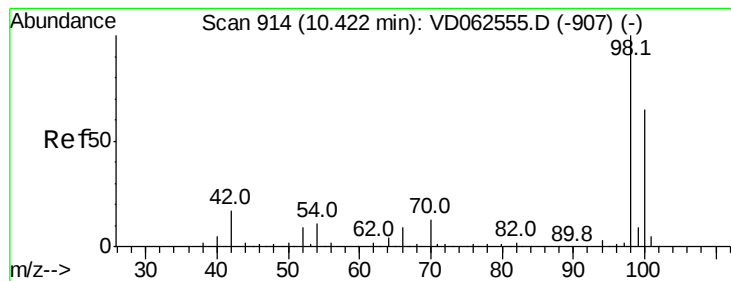
#35
 Dibromofluoromethane
 Concen: 56.952 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: VD062559.D
 Acq: 31 May 2019 12:59

Tgt Ion:113 Resp: 503139
 Ion Ratio Lower Upper
 113 100
 111 103.0 78.8 118.2
 192 18.2 14.6 22.0



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: 54.372 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.00 min

Lab File: VD062559.D

Acq: 31 May 2019 12:59

Instrument :

MSVOA_D

ClientSampleId :

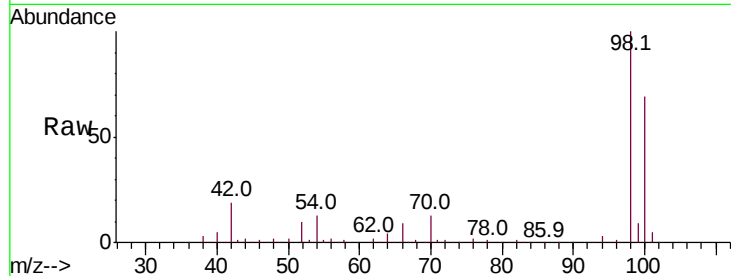
VD0531SBL01

Tot Ion: 98 Resp: 1052450

Ion Ratio Lower Upper

98 100

100 68.6 52.3 78.5



Abundance Ion 98.05 (97.75 to 98.75): VD062555.D (-907) (-)

Ion 100.05 (99.75 to 100.75): VD062555.D (-907) (-)

10.42

500000

400000

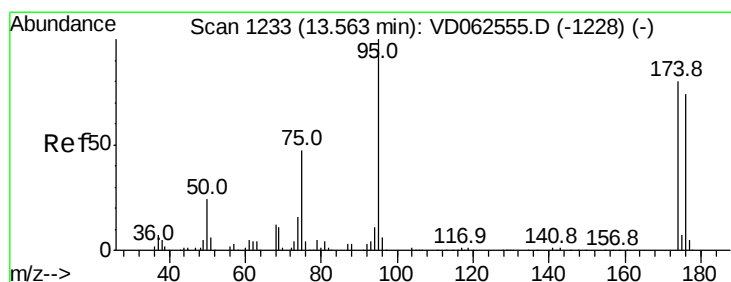
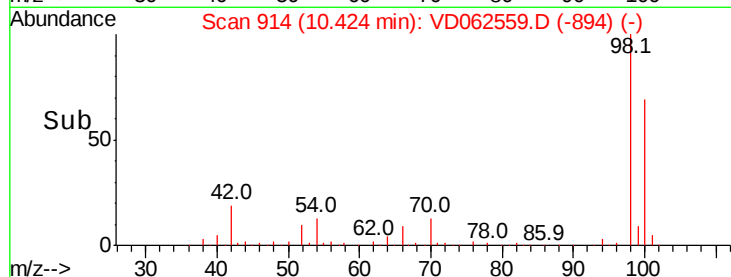
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 57.228 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD062559.D

Acq: 31 May 2019 12:59

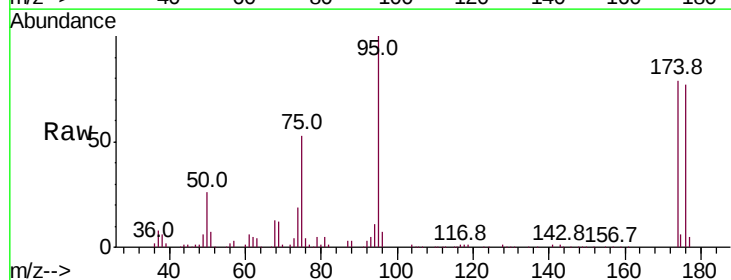
Tgt Ion: 95 Resp: 499556

Ion Ratio Lower Upper

95 100

174 79.3 0.0 160.2

176 76.7 0.0 148.0



Abundance Ion 95.00 (94.70 to 95.70): VD062555.D (-1228) (-)

Ion 173.90 (173.60 to 174.60): VD062555.D (-1228) (-)

Ion 175.90 (175.60 to 176.60): VD062555.D (-1228) (-)

500000

400000

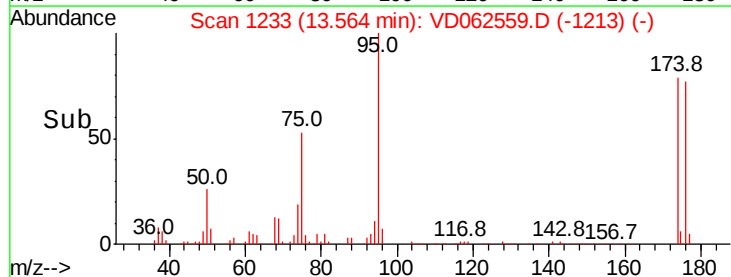
300000

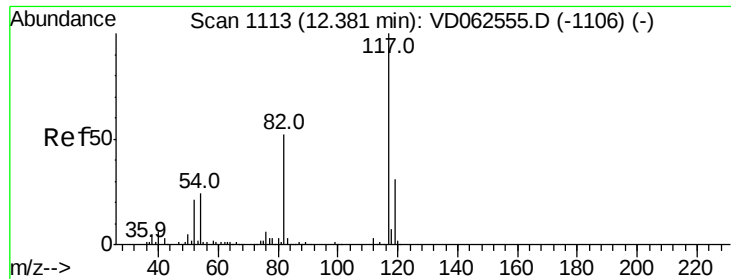
200000

100000

0

Time-->

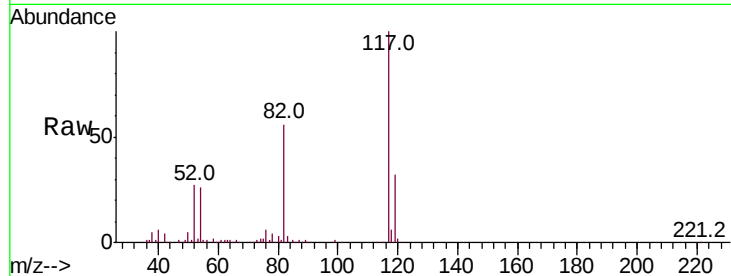




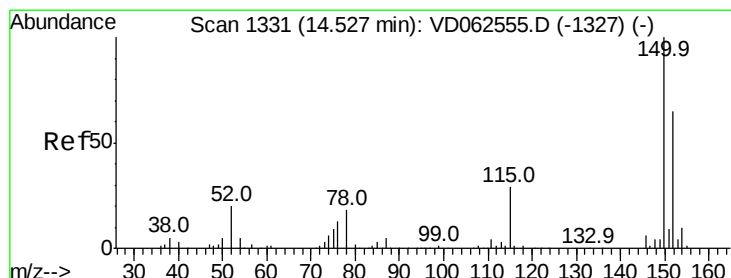
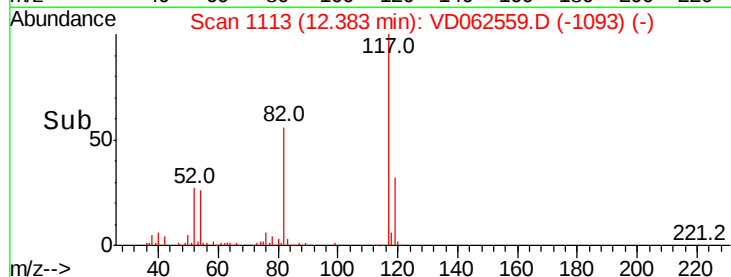
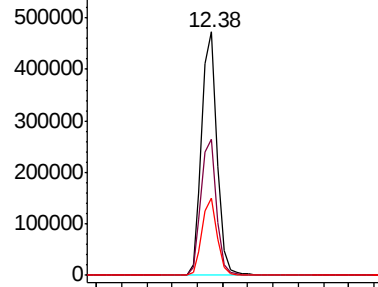
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VD062559.D
Acq: 31 May 2019 12:59

Instrument :
MSVOA_D
ClientSampleId :
VD0531SBL01

Tot Ion:117 Resp: 802375
Ion Ratio Lower Upper
117 100
82 55.7 41.4 62.2
119 31.6 24.9 37.3

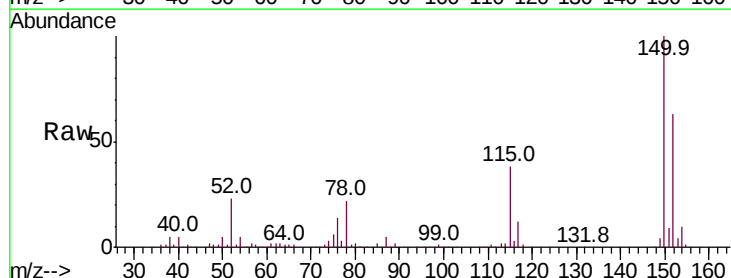


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD062559.D
Acq: 31 May 2019 12:59

Tgt Ion:152 Resp: 464447
Ion Ratio Lower Upper
152 100
115 59.8 28.4 85.3
150 158.1 0.0 310.4



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

