

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD051019\
 Data File : VD062207.D
 Acq On : 10 May 2019 11:11
 Operator : FY/SY
 Sample : VD0510SBL01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0510SBL01

Quant Time: May 10 23:46:53 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	7.05	168	842284	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	1167371	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	935759	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	487286	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	449396	57.41	ug/l	0.02
Spiked Amount 50.000			Recovery	=	114.82%	
35) Dibromofluoromethane	6.92	113	533897	55.12	ug/l	0.02
Spiked Amount 50.000			Recovery	=	110.24%	
50) Toluene-d8	10.41	98	1190766	50.99	ug/l	0.01
Spiked Amount 50.000			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	13.55	95	446242	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	

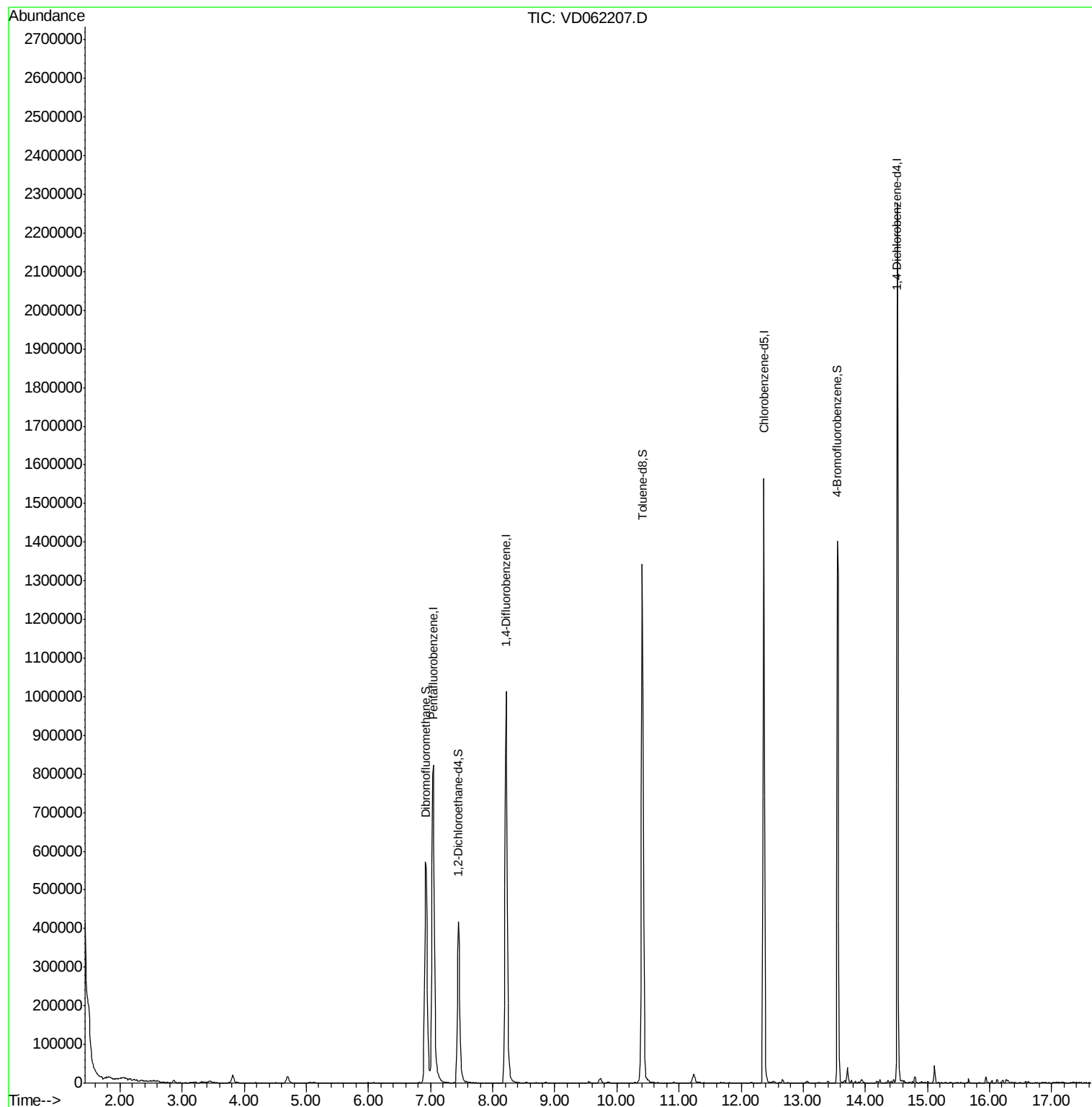
Target Compounds	Qvalue
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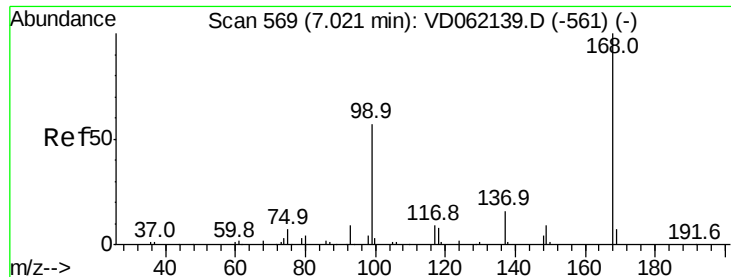
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062207.D

Acq: 10 May 2019 11:11

Instrument :

MSVOA_D

ClientSampleId :

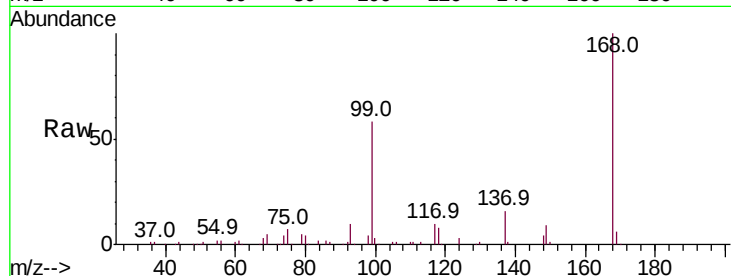
VD0510SBL01

Tot Ion:168 Resp: 842284

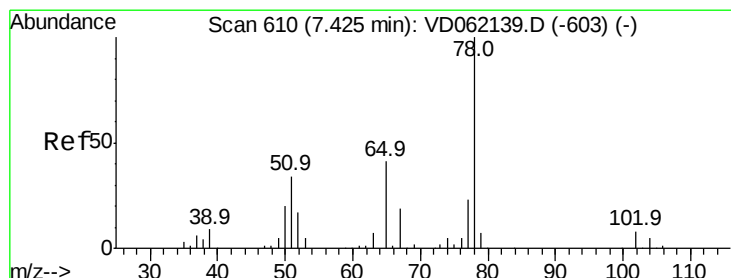
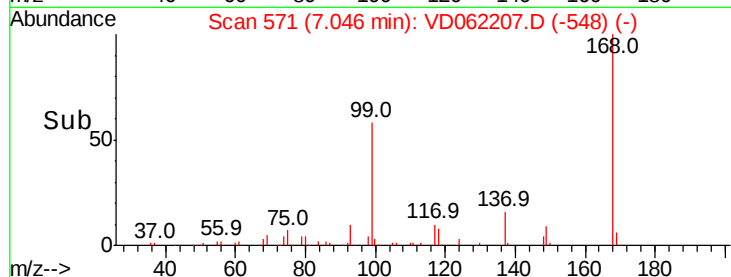
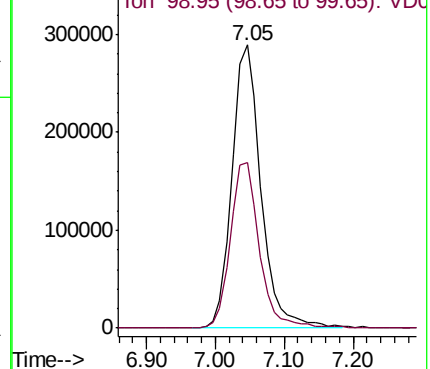
Ion Ratio Lower Upper

168 100

99 58.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V



#33

1,2-Dichloroethane-d4

Concen: 57.413 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD062207.D

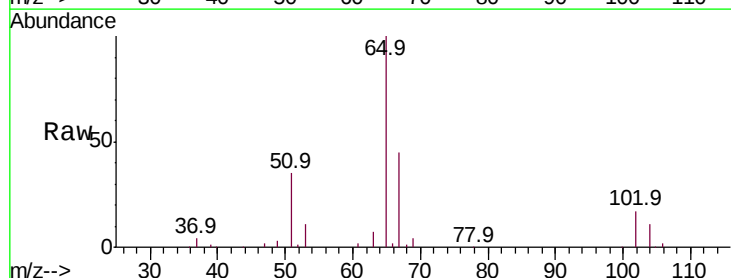
Acq: 10 May 2019 11:11

Tgt Ion: 65 Resp: 449396

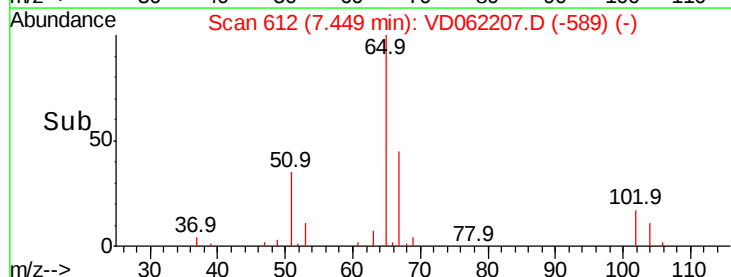
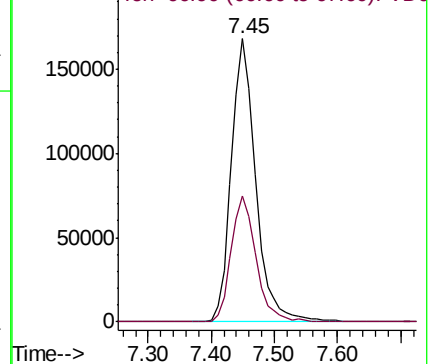
Ion Ratio Lower Upper

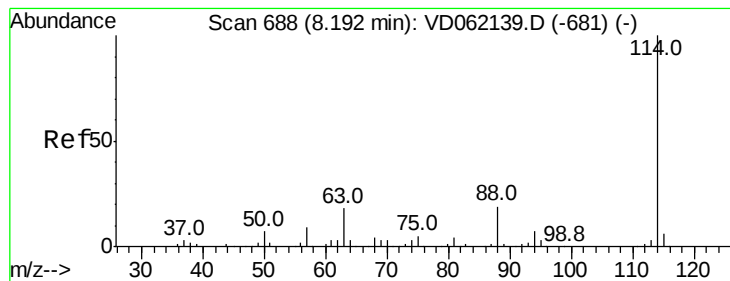
65 100

67 44.6 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.02 min

Lab File: VD062207.D

Acq: 10 May 2019 11:11

Instrument :

MSVOA_D

ClientSampleId :

VD0510SBL01

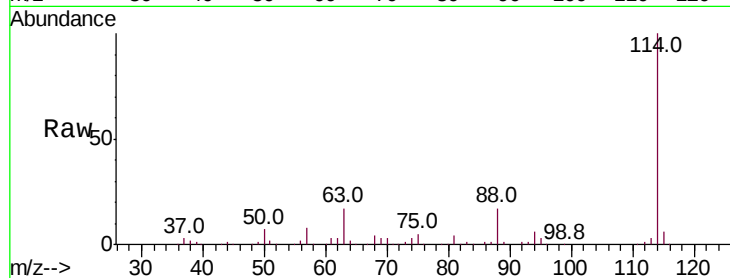
Tot Ion:114 Resp: 1167371

Ion Ratio Lower Upper

114 100

63 17.3 0.0 32.4

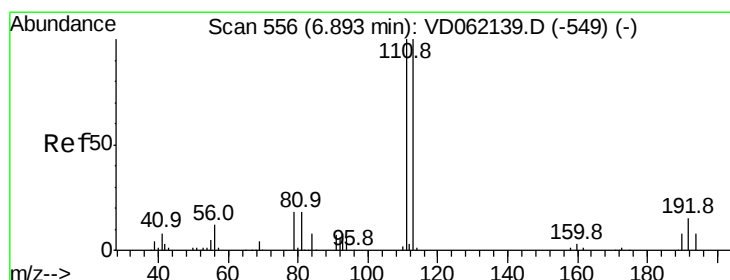
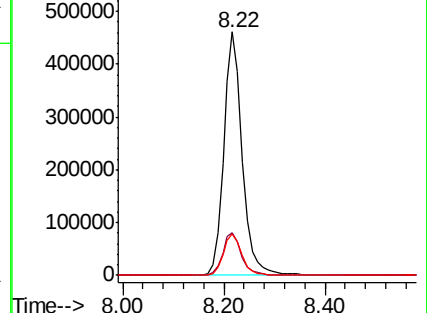
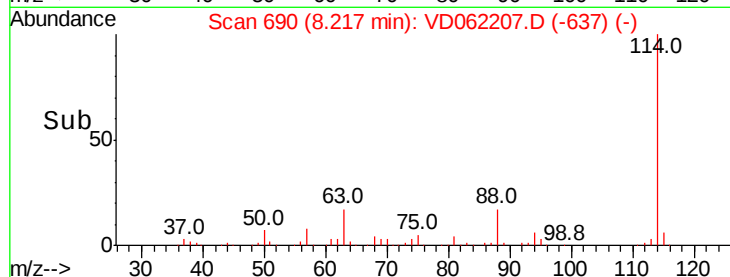
88 16.8 0.0 33.6



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: 55.122 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.02 min

Lab File: VD062207.D

Acq: 10 May 2019 11:11

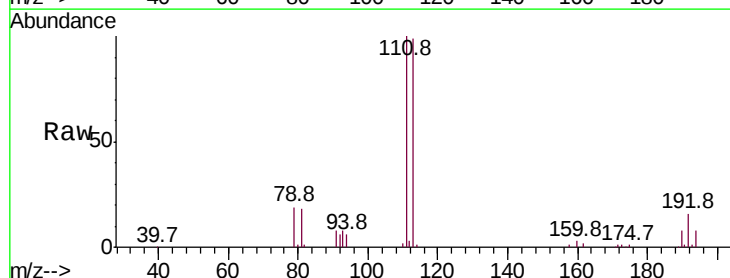
Tgt Ion:113 Resp: 533897

Ion Ratio Lower Upper

113 100

111 100.7 78.5 117.7

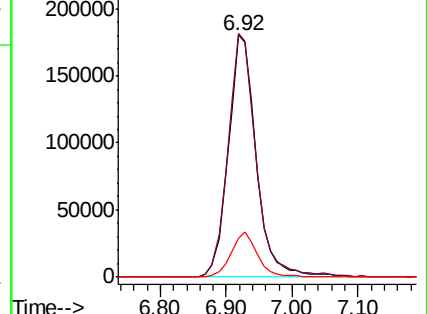
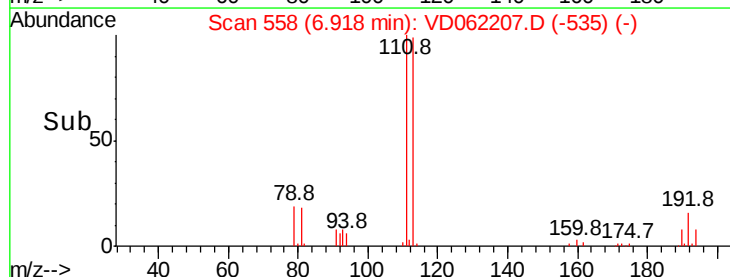
192 15.9 13.0 19.4

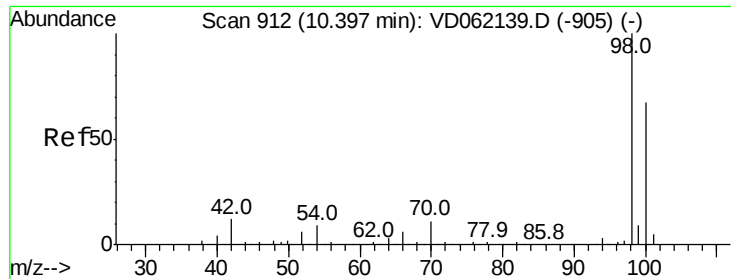


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 50.989 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD062207.D

Acq: 10 May 2019 11:11

Instrument :

MSVOA_D

ClientSampleId :

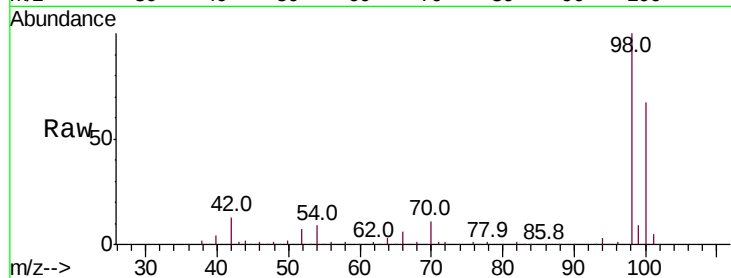
VD0510SBL01

Tot Ion: 98 Resp: 1190766

Ion Ratio Lower Upper

98 100

100 67.1 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) (-)

10.41

500000

400000

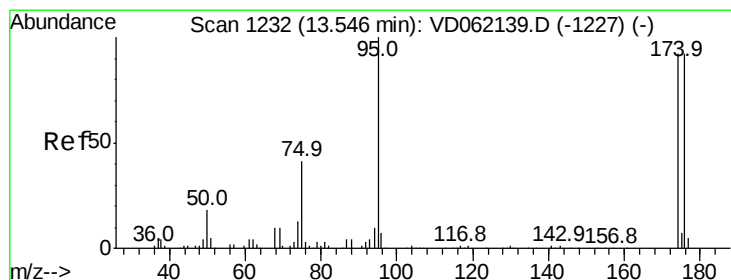
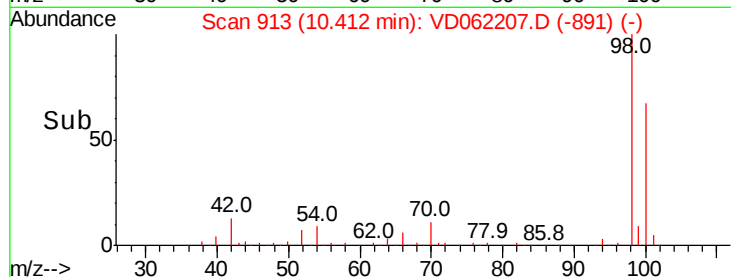
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.585 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD062207.D

Acq: 10 May 2019 11:11

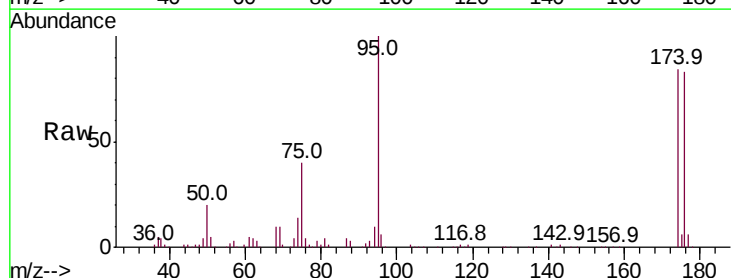
Tgt Ion: 95 Resp: 446242

Ion Ratio Lower Upper

95 100

174 83.9 0.0 181.8

176 83.1 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) (-)

400000

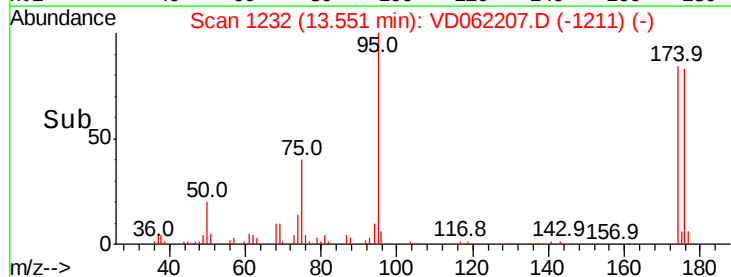
300000

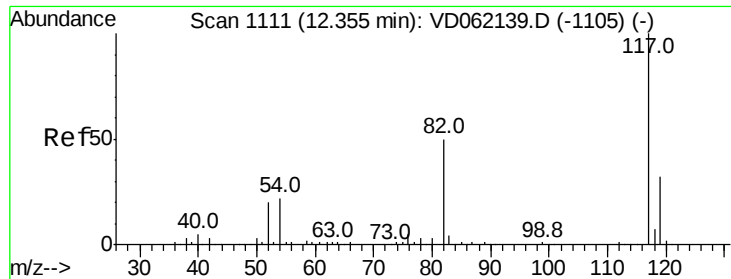
200000

100000

0

Time-->

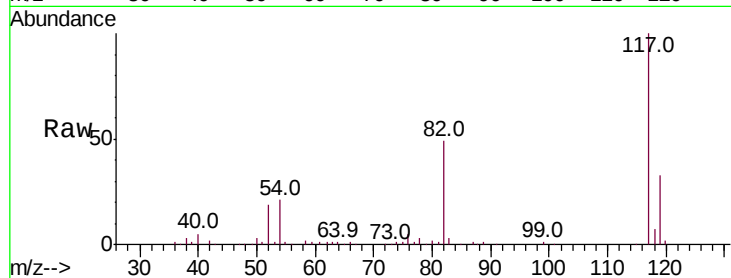




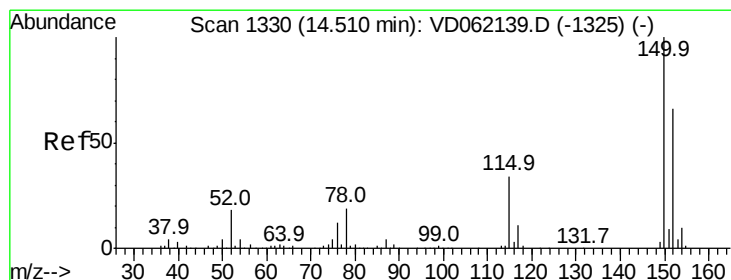
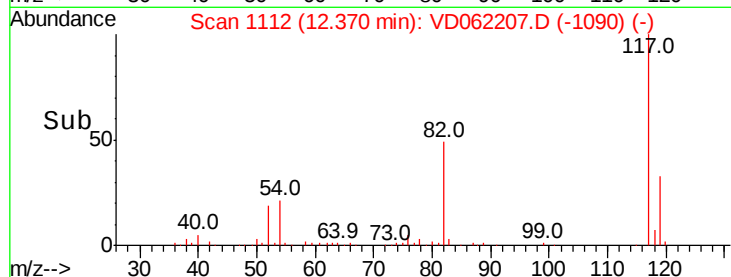
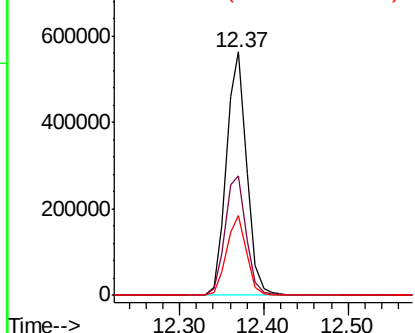
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062207.D
Acq: 10 May 2019 11:11

Instrument :
MSVOA_D
ClientSampleId :
VD0510SBL01

Tot Ion:117 Resp: 935759
Ion Ratio Lower Upper
117 100
82 49.3 36.2 54.2
119 32.6 26.2 39.4

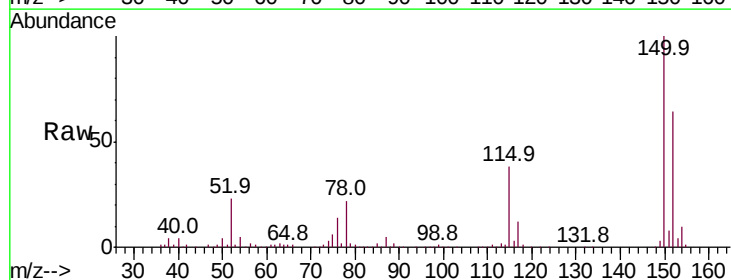


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD062207.D
Acq: 10 May 2019 11:11

Tgt Ion:152 Resp: 487286
Ion Ratio Lower Upper
152 100
115 58.3 30.9 92.7
150 155.1 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

