

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD052419\
 Data File : VD062527.D
 Acq On : 24 May 2019 12:55
 Operator : VA/AP
 Sample : VD0524SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBL01

Quant Time: May 24 22:29:51 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	380370	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	491346	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	415114	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	246093	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	207837	51.05	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.10%	
35) Dibromofluoromethane	6.92	113	204671	46.17	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	92.34%	
50) Toluene-d8	10.41	98	426148	43.93	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	87.86%	
62) 4-Bromofluorobenzene	13.56	95	203327	47.92	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	95.84%	

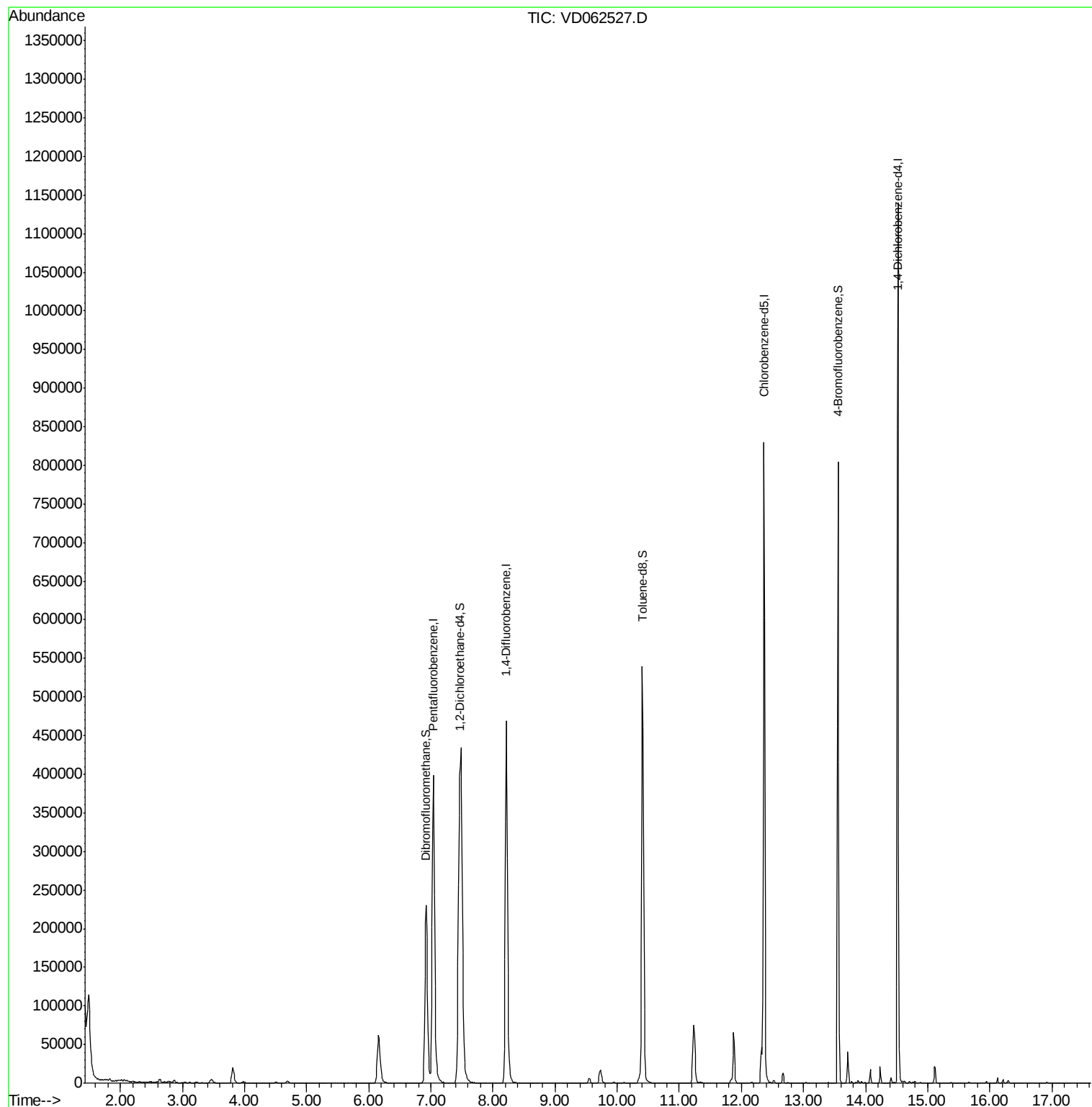
Target Compounds	Qvalue

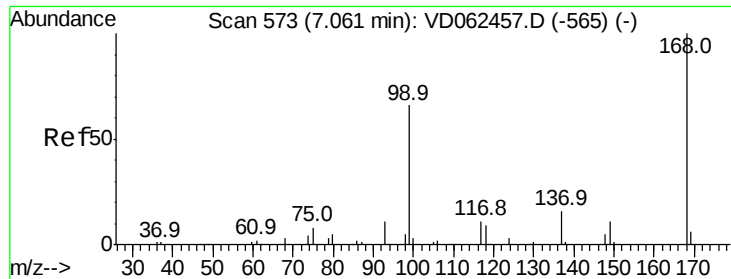
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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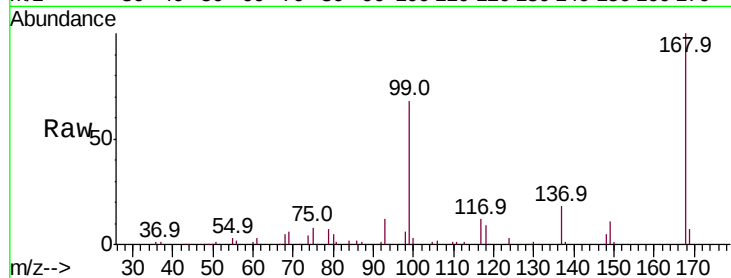




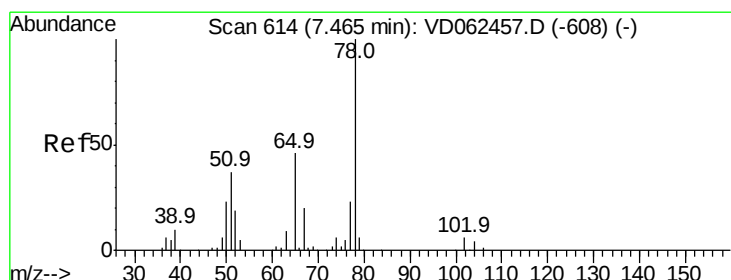
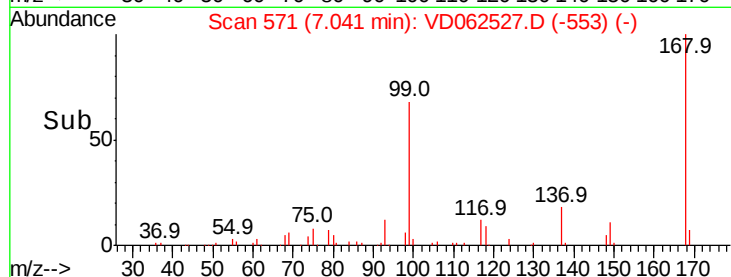
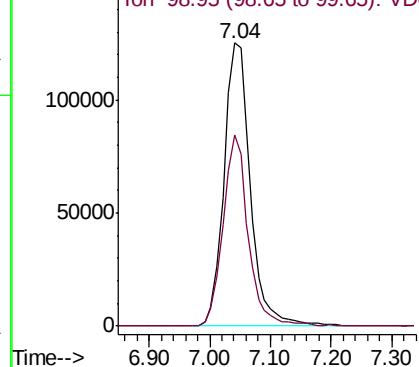
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.02 min
Lab File: VD062527.D
Acq: 24 May 2019 12:55

Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL01

Tot Ion:168 Resp: 380370
Ion Ratio Lower Upper
168 100
99 67.6 46.5 69.7

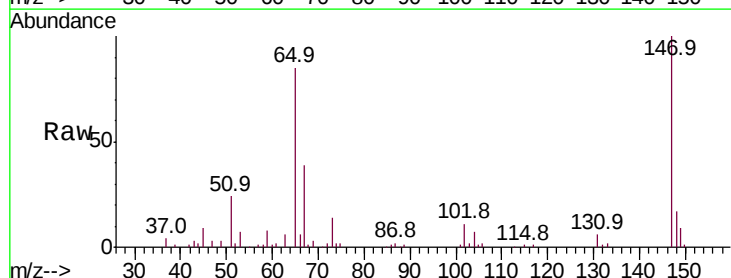


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.95 (98.65 to 99.65): VDC

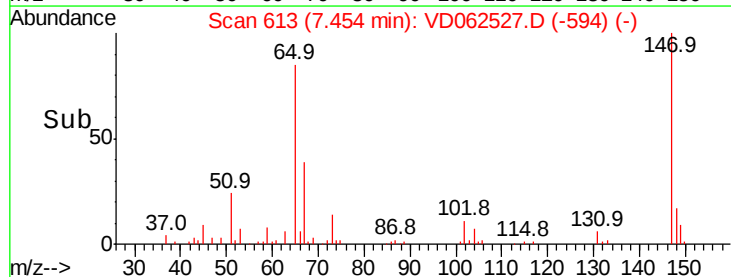
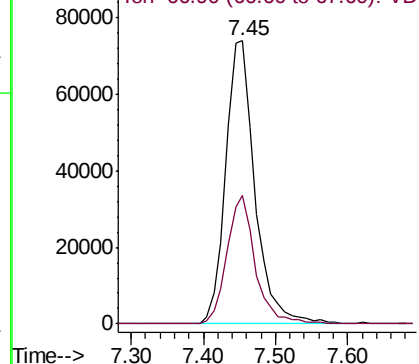


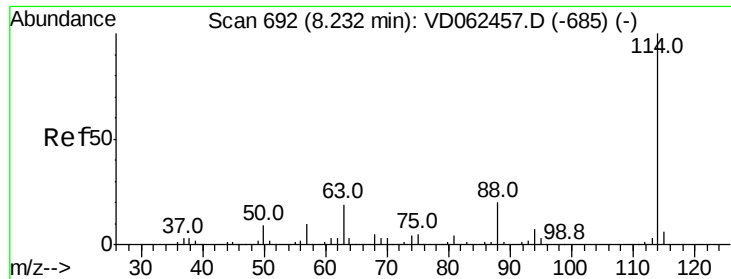
#33
1,2-Dichloroethane-d4
Concen: 51.045 ug/l
RT: 7.45 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD062527.D
Acq: 24 May 2019 12:55

Tgt Ion: 65 Resp: 207837
Ion Ratio Lower Upper
65 100
67 45.5 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

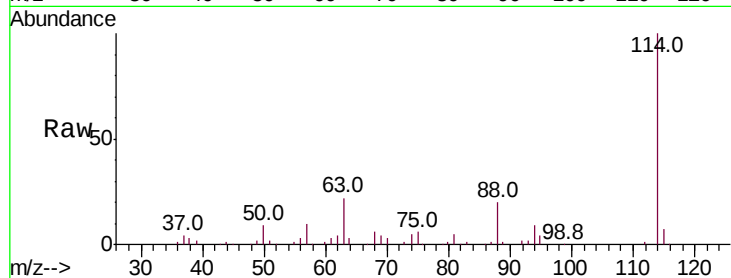




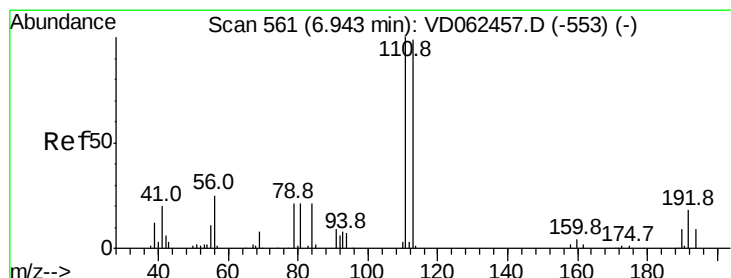
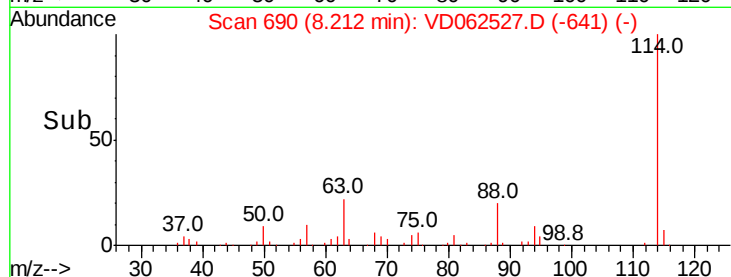
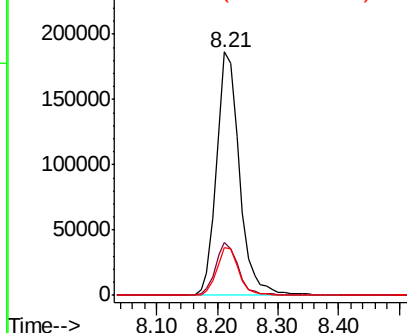
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: VD062527.D
 Acq: 24 May 2019 12:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBL01

Tot Ion:114 Resp: 491346
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 32.4
 88 19.7 0.0 33.6

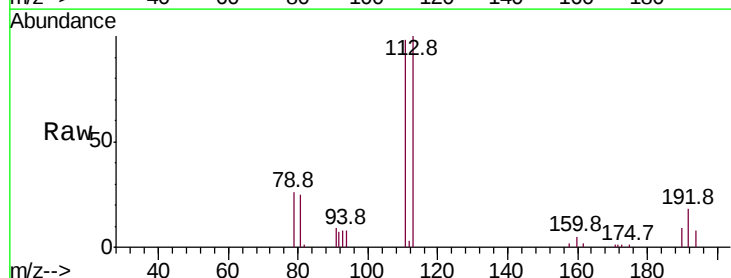


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

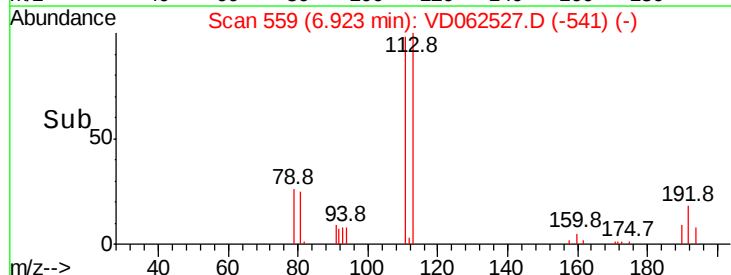
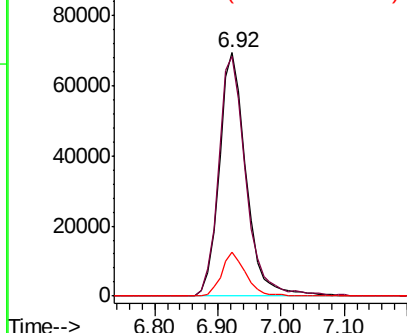


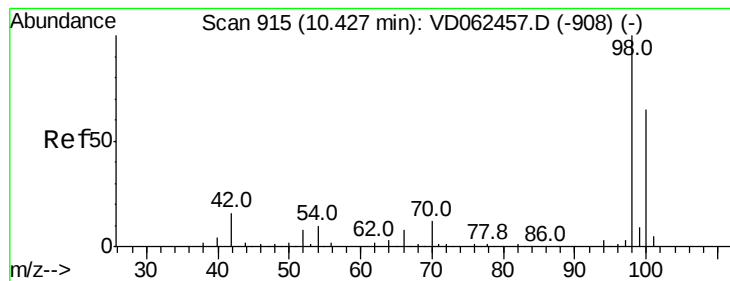
#35
 Dibromofluoromethane
 Concen: 46.175 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: VD062527.D
 Acq: 24 May 2019 12:55

Tgt Ion:113 Resp: 204671
 Ion Ratio Lower Upper
 113 100
 111 98.5 78.5 117.7
 192 17.8 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: 43.932 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.02 min

Lab File: VD062527.D

Acq: 24 May 2019 12:55

Instrument :

MSVOA_D

ClientSampleId :

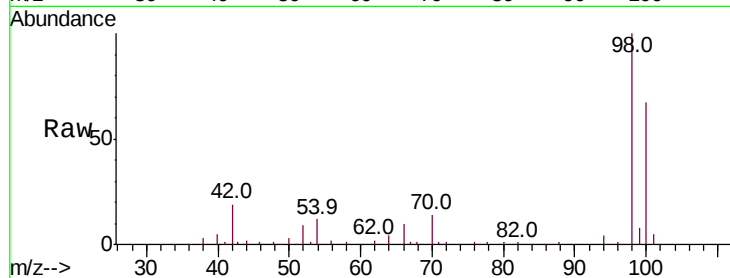
VD0524SBL01

Tot Ion: 98 Resp: 426148

Ion Ratio Lower Upper

98 100

100 67.2 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062457.D (-908) (-)

Ion 100.05 (99.75 to 100.75): VD062457.D (-908) (-)

10.41

200000

150000

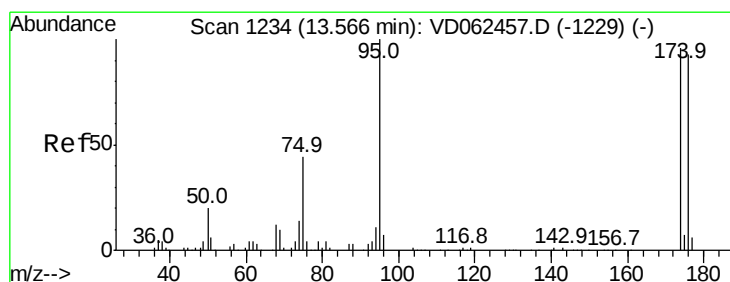
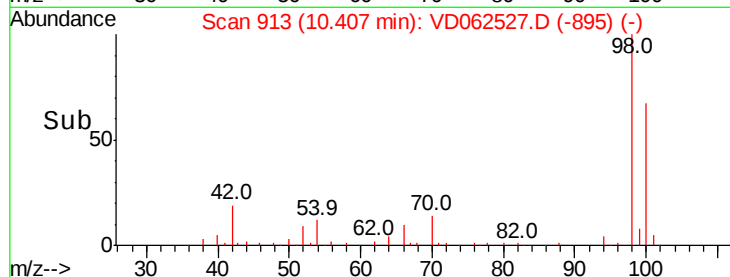
100000

50000

0

10.30 10.40 10.50 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 47.918 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.01 min

Lab File: VD062527.D

Acq: 24 May 2019 12:55

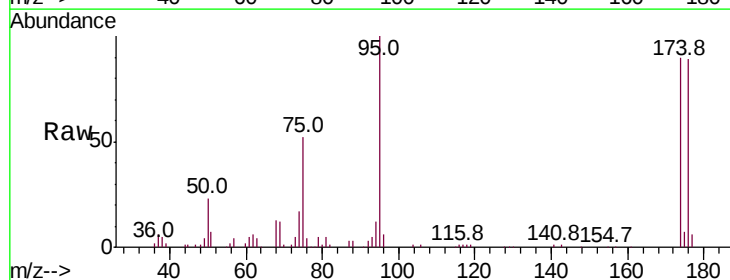
Tgt Ion: 95 Resp: 203327

Ion Ratio Lower Upper

95 100

174 90.2 0.0 181.8

176 89.5 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062457.D (-1229) (-)

Ion 173.90 (173.60 to 174.60): VD062457.D (-1229) (-)

Ion 175.90 (175.60 to 176.60): VD062457.D (-1229) (-)

13.56

200000

150000

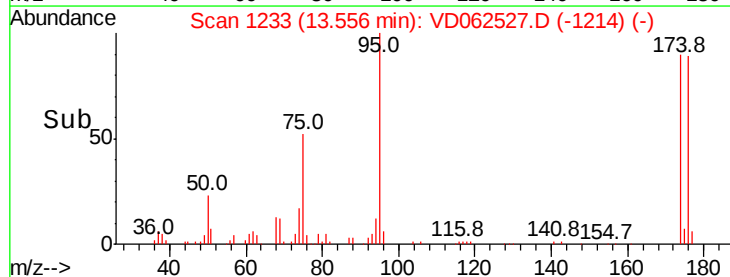
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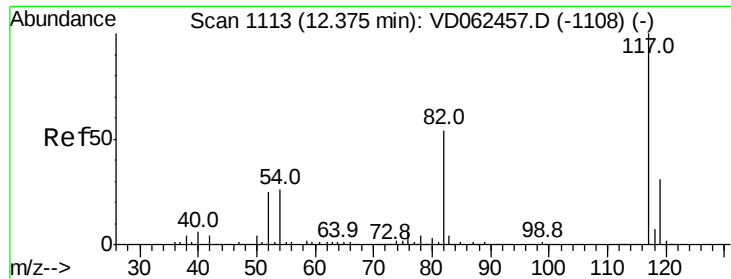
50000

0

13.50 13.55 13.60 13.65

Time-->

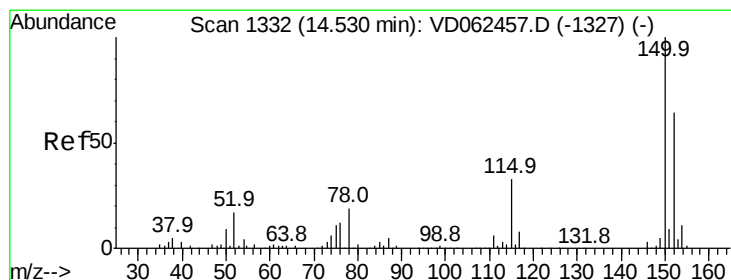
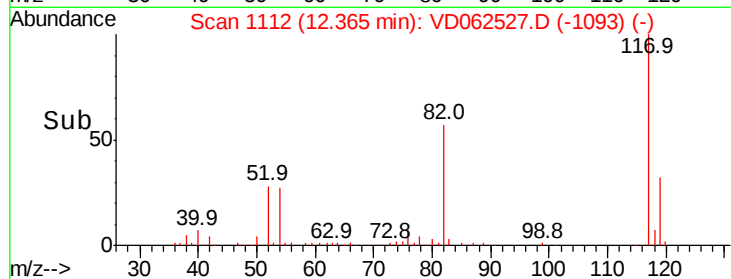
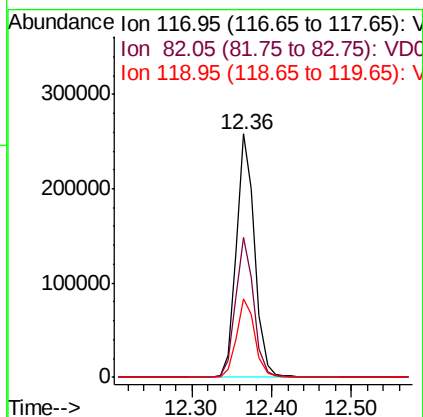
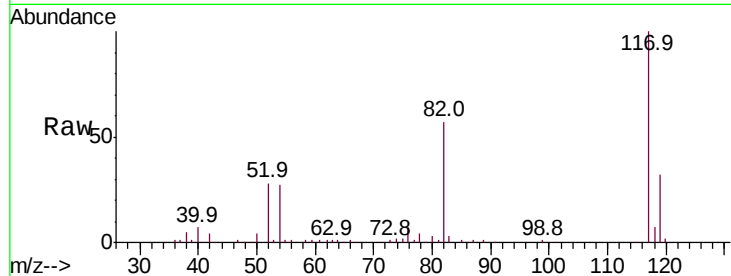




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: VD062527.D
 Acq: 24 May 2019 12:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBL01

Tot Ion:117 Resp: 415114
 Ion Ratio Lower Upper
 117 100
 82 57.3 36.2 54.2#
 119 32.1 26.2 39.4



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: VD062527.D
 Acq: 24 May 2019 12:55

Tgt Ion:152 Resp: 246093
 Ion Ratio Lower Upper
 152 100
 115 55.4 30.9 92.7
 150 151.8 0.0 314.8

