

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050919\
 Data File : VD062187.D
 Acq On : 9 May 2019 14:44
 Operator : FY/SY
 Sample : K2672-19
 Misc : 5.07g/5mL/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10-1.0-1.5

Quant Time: May 09 15:26:12 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	7.02	168	985590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1466337	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	1180827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	520112	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	528838	57.74	ug/l	0.00
Spiked Amount						
			Recovery	=	115.48%	
35) Dibromofluoromethane	6.90	113	661845	54.40	ug/l	0.00
Spiked Amount						
			Recovery	=	108.80%	
50) Toluene-d8	10.39	98	1483244	50.56	ug/l	0.00
Spiked Amount						
			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	13.54	95	559566	47.50	ug/l	0.00
Spiked Amount						
			Recovery	=	95.00%	

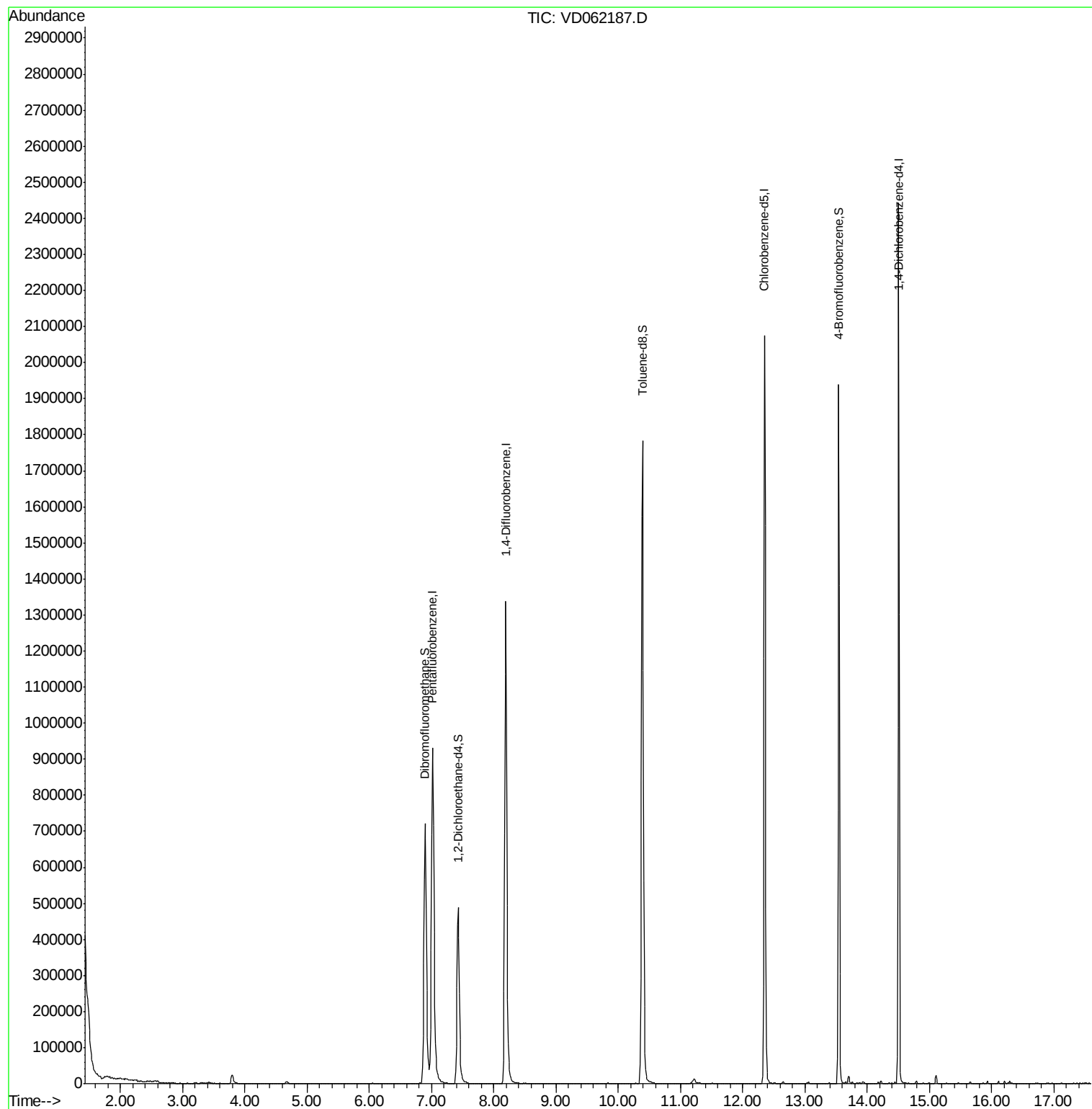
Target Compounds	Qvalue
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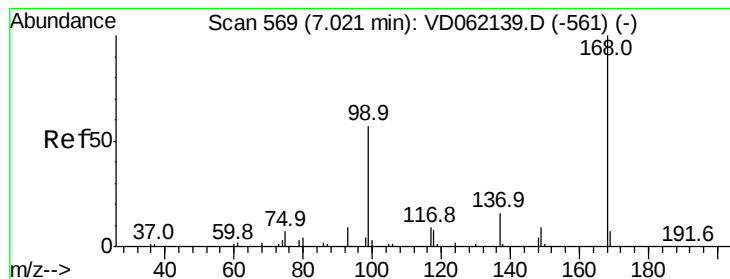
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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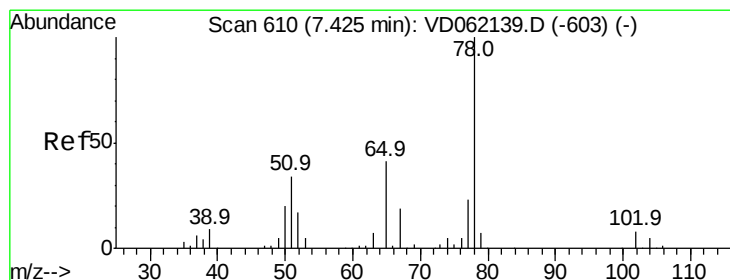
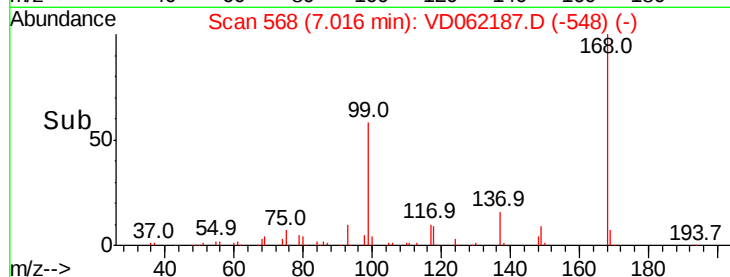
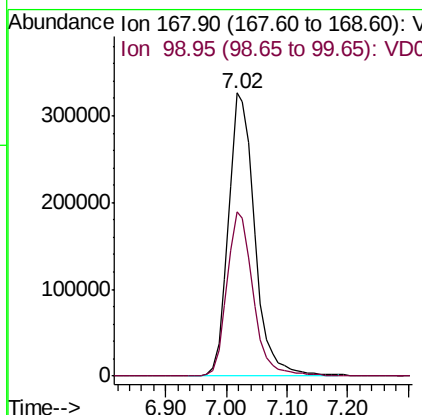
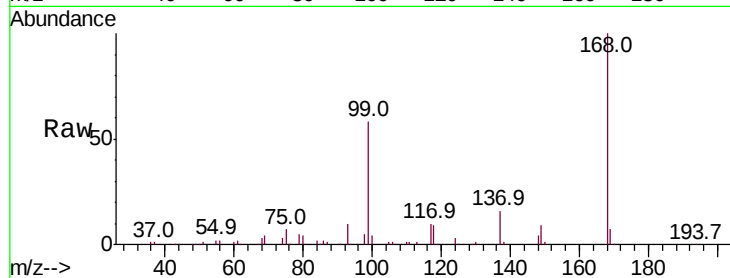




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.02 min Scan# 568
Delta R.T. -0.00 min
Lab File: VD062187.D
Acq: 9 May 2019 14:44

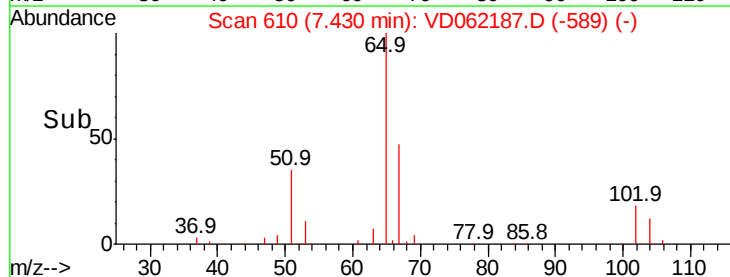
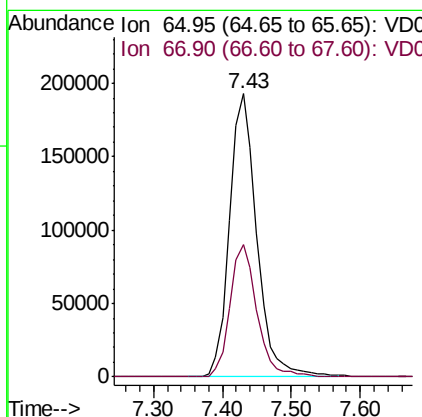
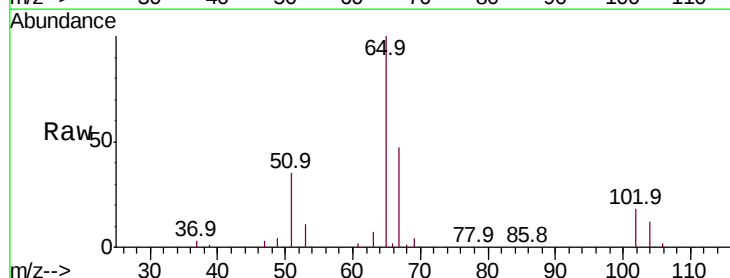
Instrument :
MSVOA_D
ClientSampleId :
SB-10-1.0-1.5

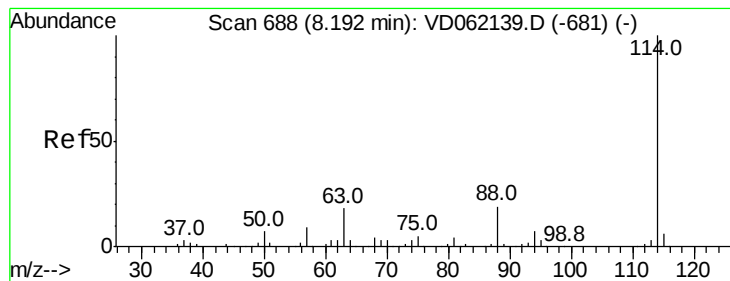
Tot Ion:168 Resp: 985590
Ion Ratio Lower Upper
168 100
99 57.9 46.5 69.7



#33
1,2-Dichloroethane-d4
Concen: 57.738 ug/l
RT: 7.43 min Scan# 610
Delta R.T. 0.01 min
Lab File: VD062187.D
Acq: 9 May 2019 14:44

Tgt Ion: 65 Resp: 528838
Ion Ratio Lower Upper
65 100
67 46.7 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 688

Delta R.T. 0.01 min

Lab File: VD062187.D

Acq: 9 May 2019 14:44

Instrument :

MSVOA_D

ClientSampleId :

SB-10-1.0-1.5

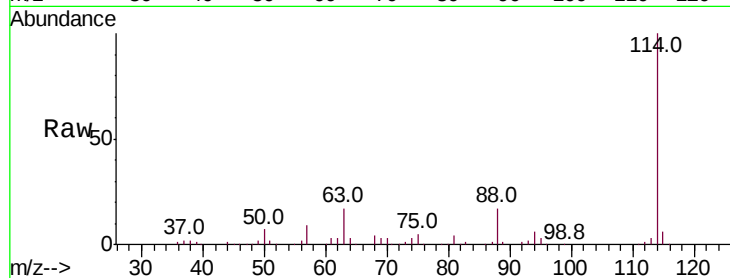
Tot Ion:114 Resp: 1466337

Ion Ratio Lower Upper

114 100

63 17.4 0.0 32.4

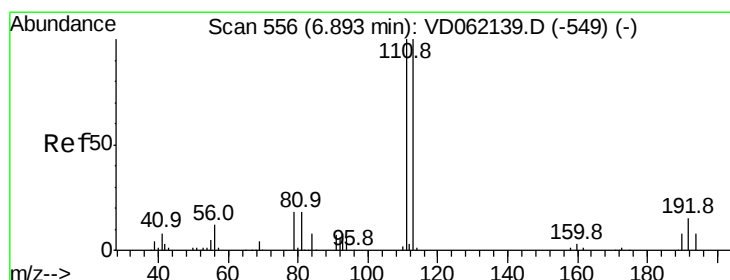
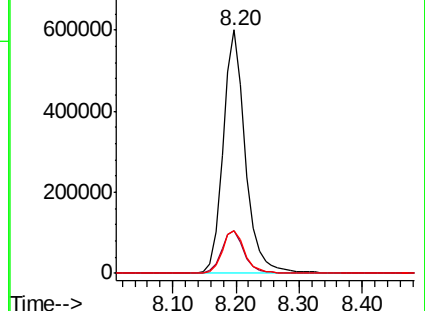
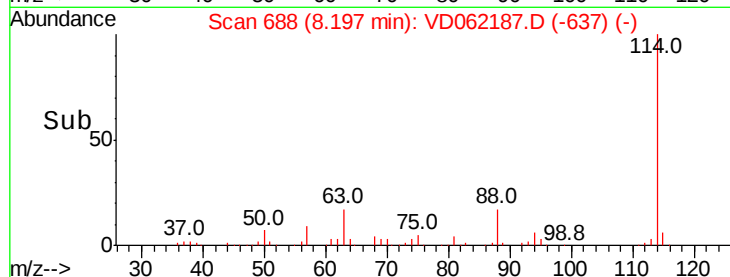
88 17.4 0.0 33.6



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: 54.400 ug/l

RT: 6.90 min Scan# 556

Delta R.T. 0.01 min

Lab File: VD062187.D

Acq: 9 May 2019 14:44

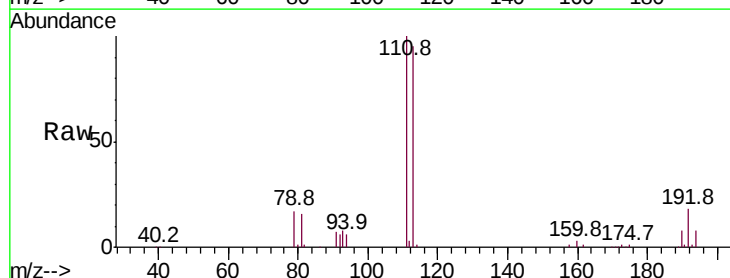
Tgt Ion:113 Resp: 661845

Ion Ratio Lower Upper

113 100

111 105.6 78.5 117.7

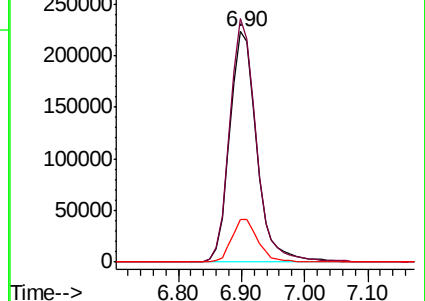
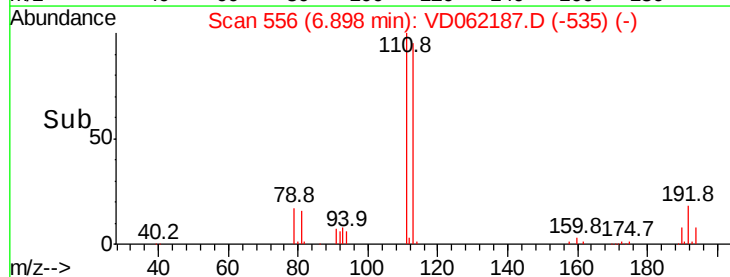
192 18.6 13.0 19.4

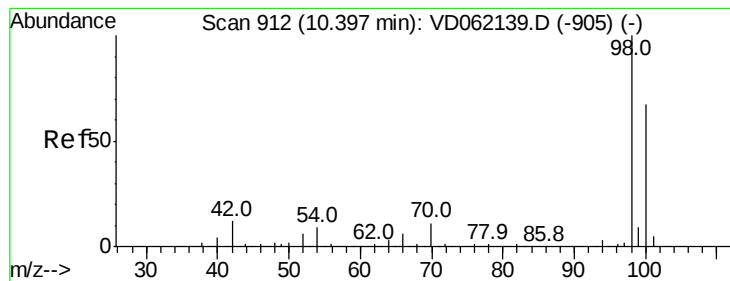


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 50.564 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.00 min

Lab File: VD062187.D

Acq: 9 May 2019 14:44

Instrument :

MSVOA_D

ClientSampleId :

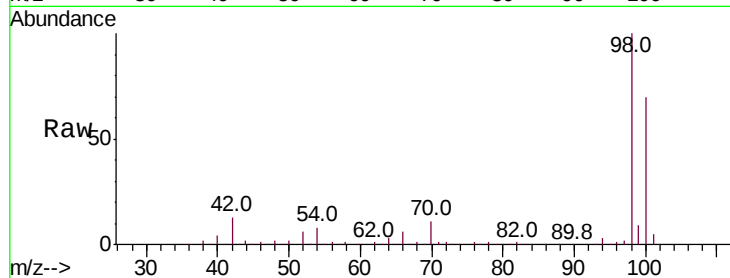
SB-10-1.0-1.5

Tot Ion: 98 Resp: 1483244

Ion Ratio Lower Upper

98 100

100 70.0 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) (-)

10.39

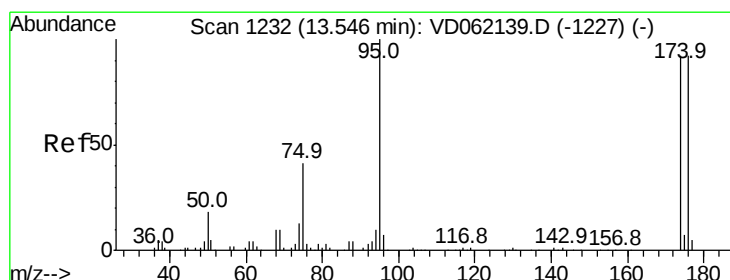
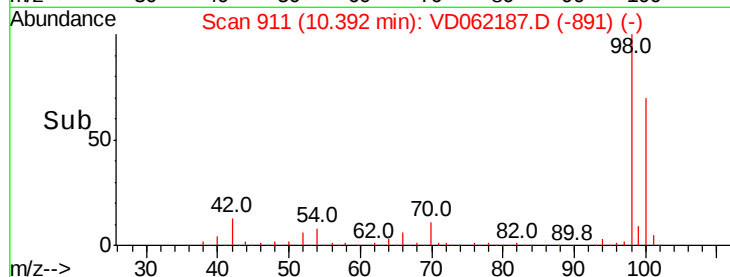
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.503 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD062187.D

Acq: 9 May 2019 14:44

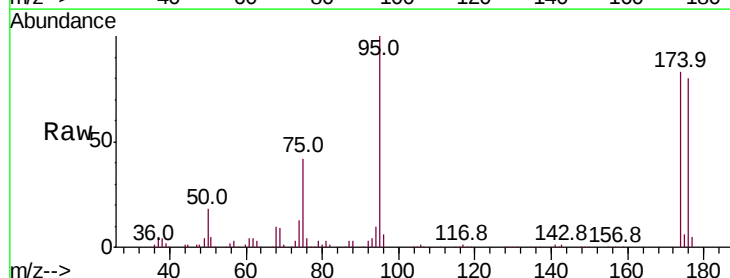
Tgt Ion: 95 Resp: 559566

Ion Ratio Lower Upper

95 100

174 83.3 0.0 181.8

176 79.7 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) (-)

13.54

500000

400000

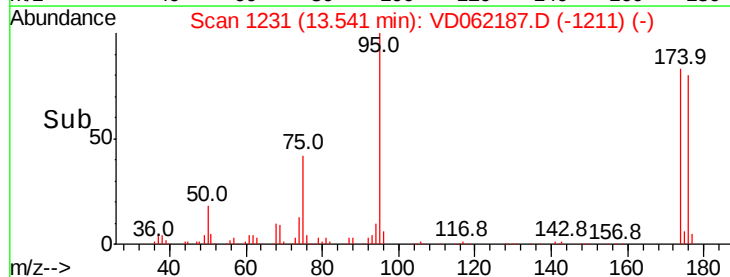
300000

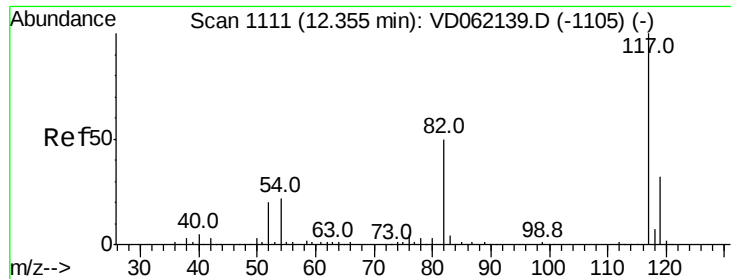
200000

100000

0

Time-->

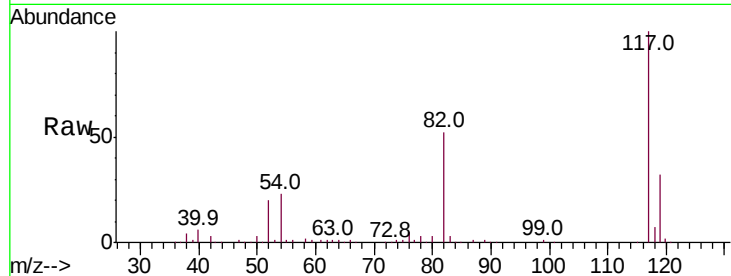




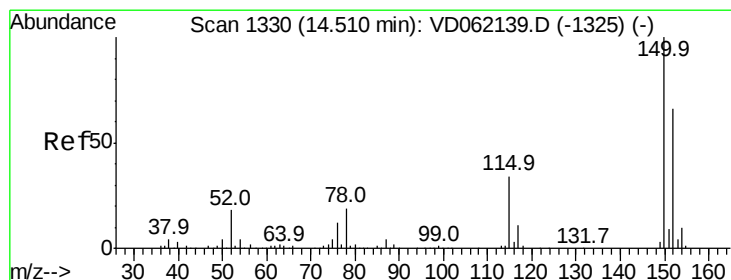
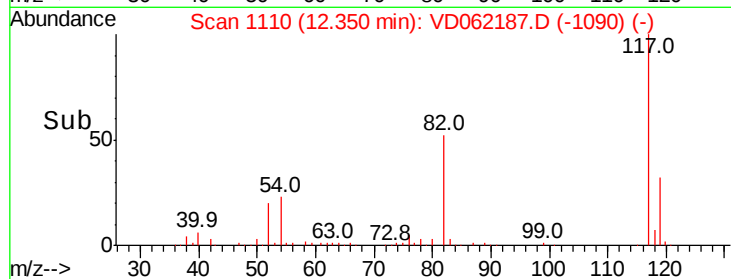
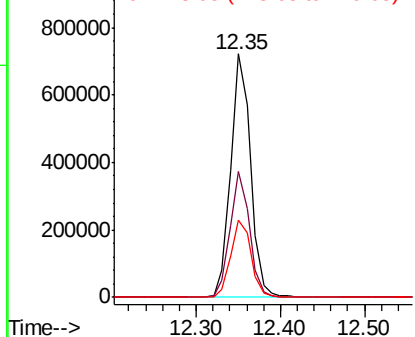
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD062187.D
Acq: 9 May 2019 14:44

Instrument :
MSVOA_D
ClientSampleId :
SB-10-1.0-1.5

Tot Ion:117 Resp: 1180827
Ion Ratio Lower Upper
117 100
82 51.7 36.2 54.2
119 32.0 26.2 39.4

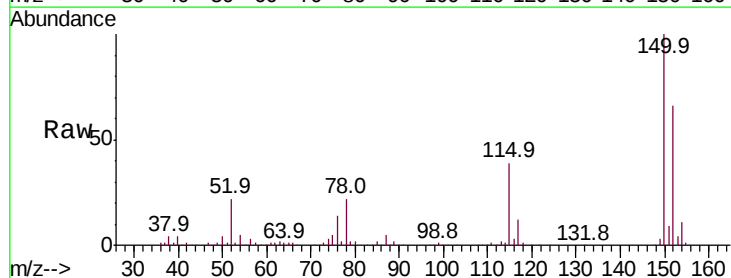


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD062187.D
Acq: 9 May 2019 14:44

Tgt Ion:152 Resp: 520112
Ion Ratio Lower Upper
152 100
115 59.7 30.9 92.7
150 151.5 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

