

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051419\
 Data File : VD062382.D
 Acq On : 15 May 2019 9:04
 Operator : FY/SY
 Sample : K2801-07
 Misc : 4.90g/5mL/MSVOA D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3456

Quant Time: May 15 11:31:42 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	7.07	168	68787	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	111335	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	95140	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	49466	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	68969	107.89	ug/l	0.04
Spiked Amount			Recovery	=	215.78%	
35) Dibromofluoromethane	6.95	113	56131	60.76	ug/l	0.05
Spiked Amount			Recovery	=	121.52%	
50) Toluene-d8	10.42	98	84323	37.86	ug/l	0.02
Spiked Amount			Recovery	=	75.72%	
62) 4-Bromofluorobenzene	13.56	95	42999	48.08	ug/l	0.02
Spiked Amount			Recovery	=	96.16%	

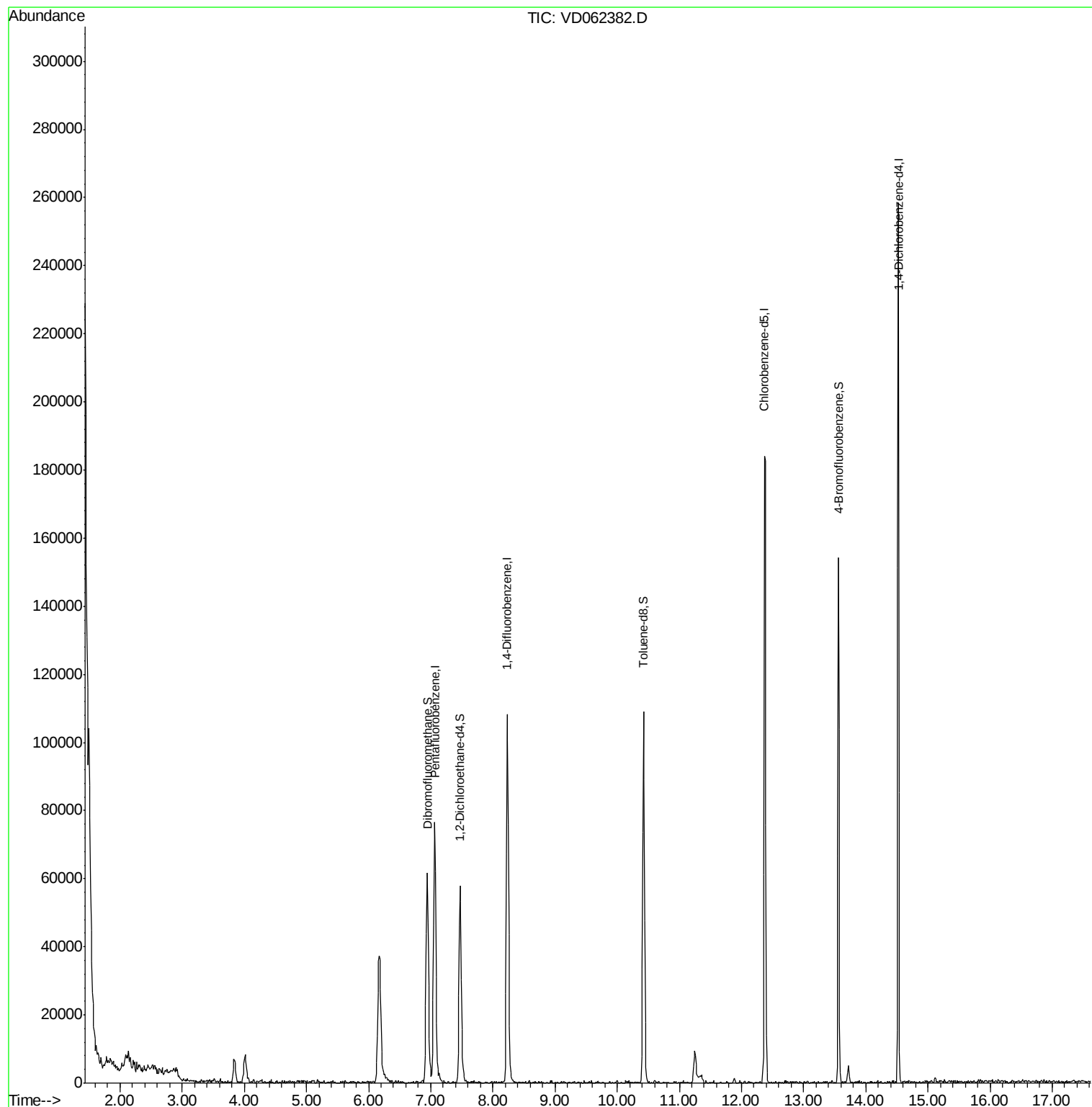
Target Compounds	Qvalue
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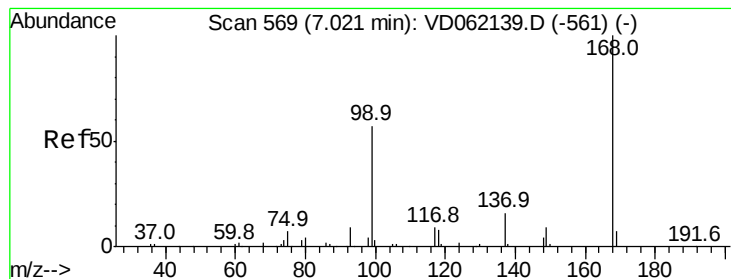
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 14:26:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062382.D

Acq: 15 May 2019 9:04

Instrument :

MSVOA_D

ClientSampleID :

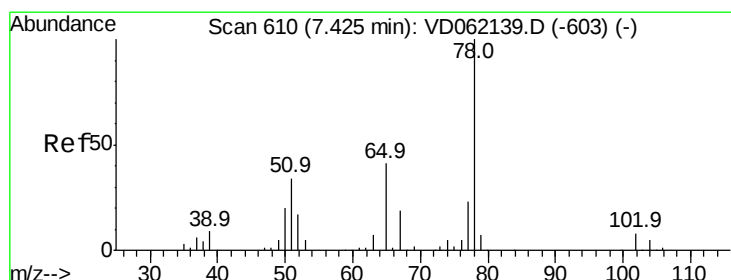
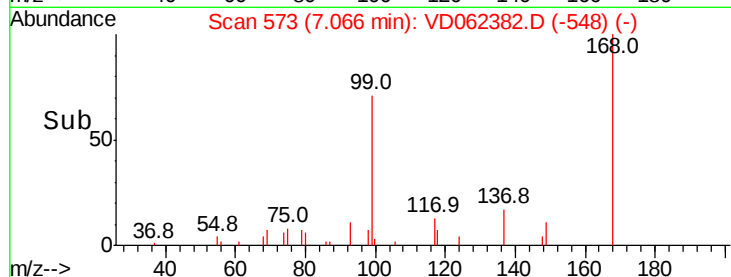
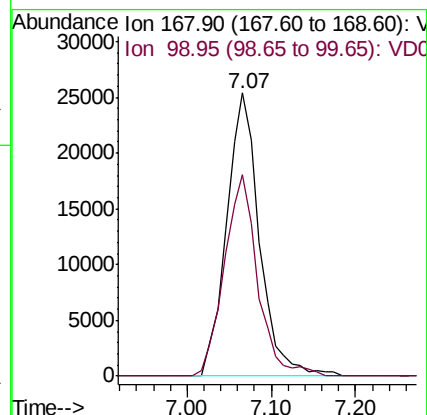
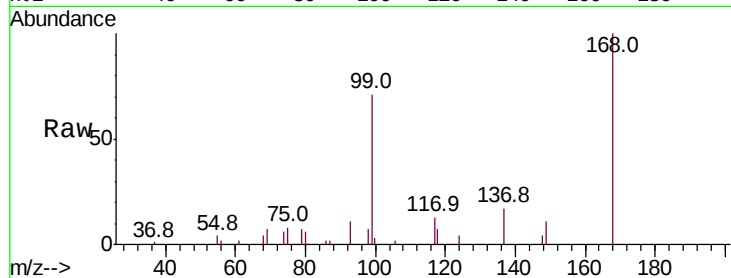
RT-3456

Tot Ion:168 Resp: 68787

Ion Ratio Lower Upper

168 100

99 71.1 46.5 69.7#



#33

1,2-Dichloroethane-d4

Concen: 107.891 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062382.D

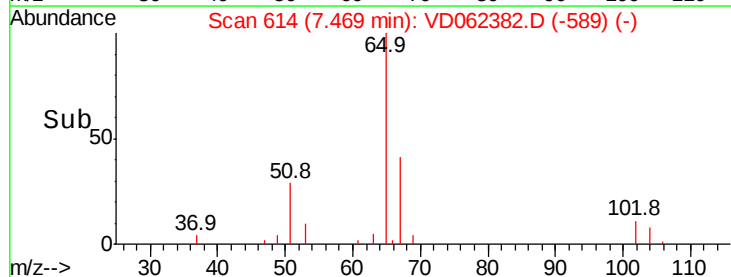
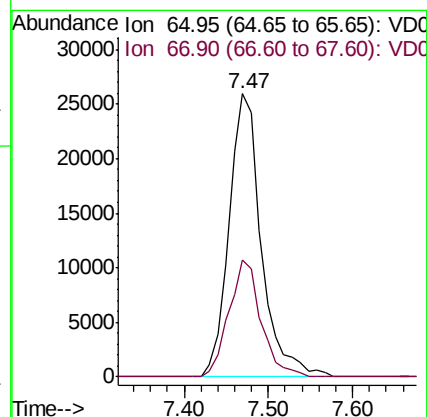
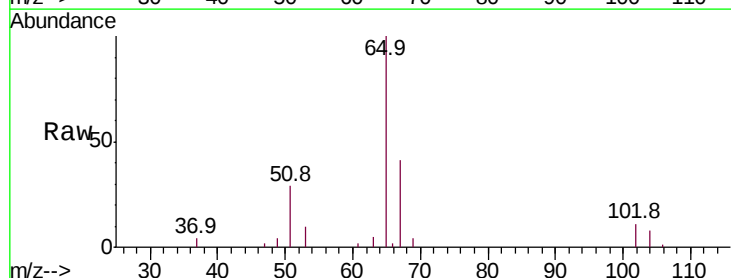
Acq: 15 May 2019 9:04

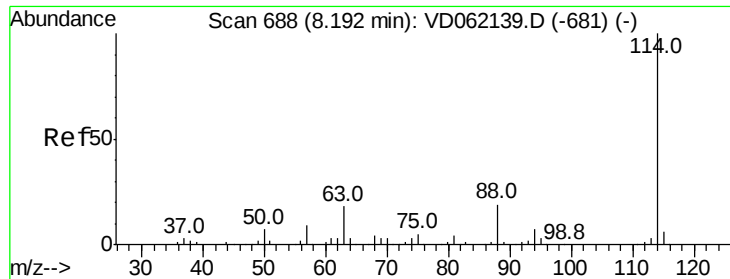
Tgt Ion: 65 Resp: 68969

Ion Ratio Lower Upper

65 100

67 41.3 0.0 98.0

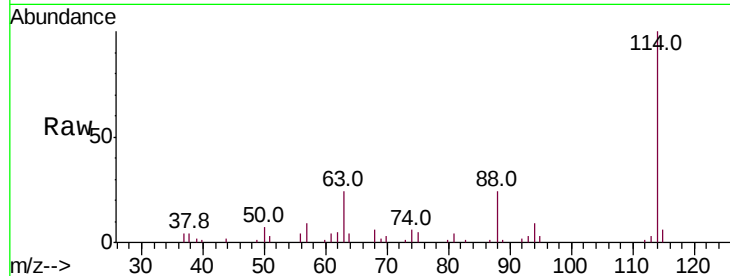




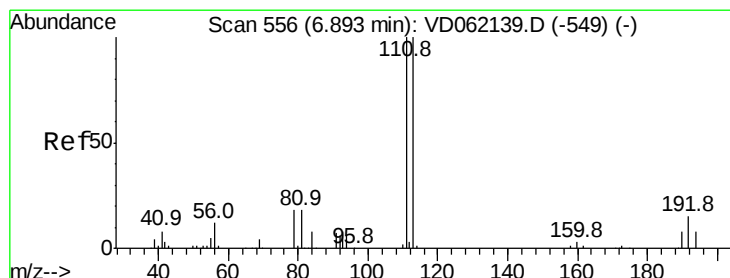
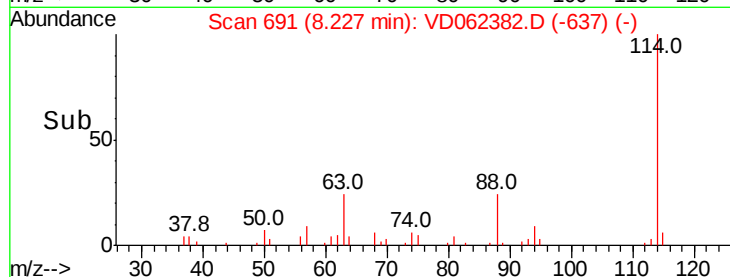
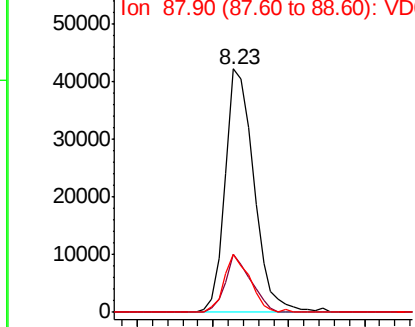
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062382.D
 Acq: 15 May 2019 9:04

Instrument :
 MSVOA_D
 ClientSampled :
 RT-3456

Tot Ion:114 Resp: 111335
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 32.4
 88 24.0 0.0 33.6

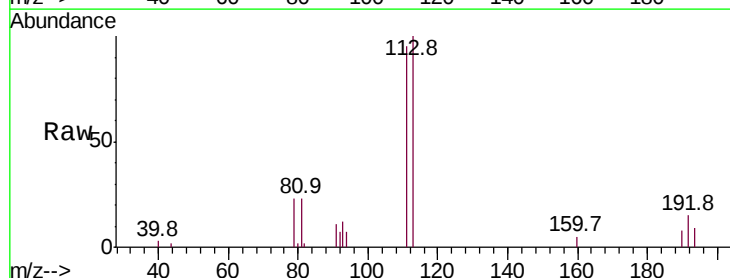


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

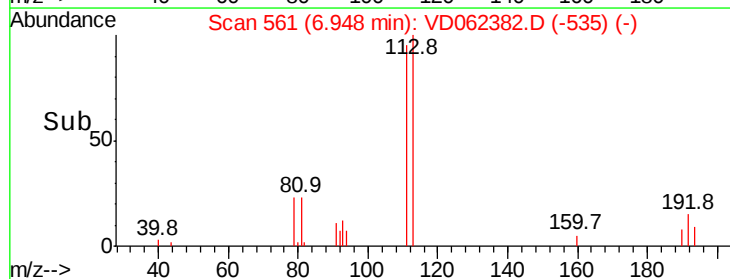
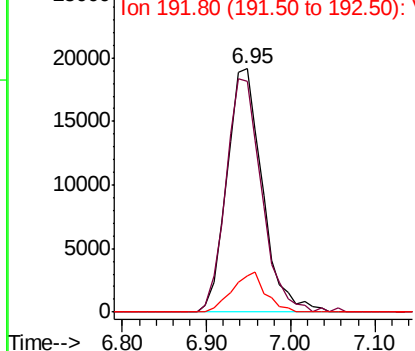


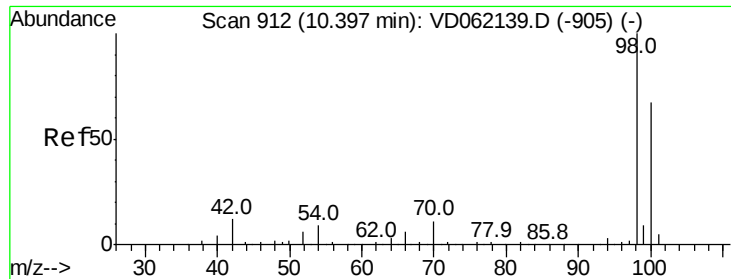
#35
 Dibromofluoromethane
 Concen: 60.764 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062382.D
 Acq: 15 May 2019 9:04

Tgt Ion:113 Resp: 56131
 Ion Ratio Lower Upper
 113 100
 111 94.7 78.5 117.7
 192 15.0 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: 37.860 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062382.D

Acq: 15 May 2019 9:04

Instrument :

MSVOA_D

ClientSampleId :

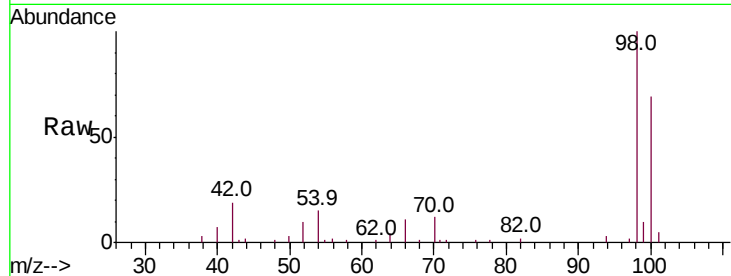
RT-3456

Tot Ion: 98 Resp: 84323

Ion Ratio Lower Upper

98 100

100 69.1 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) (-)

10.42

40000

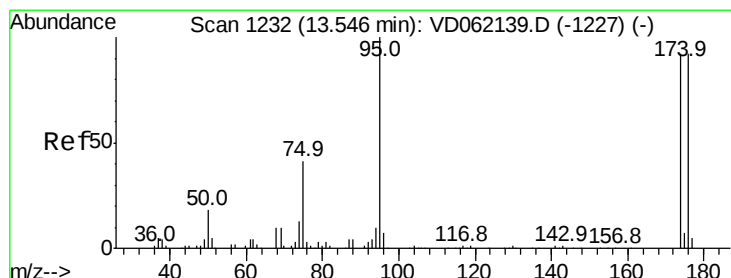
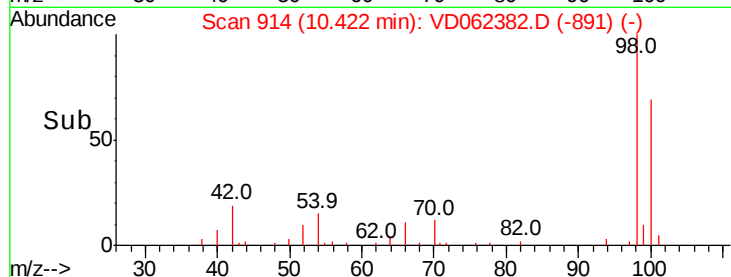
30000

20000

10000

0

Time--> 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 48.077 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD062382.D

Acq: 15 May 2019 9:04

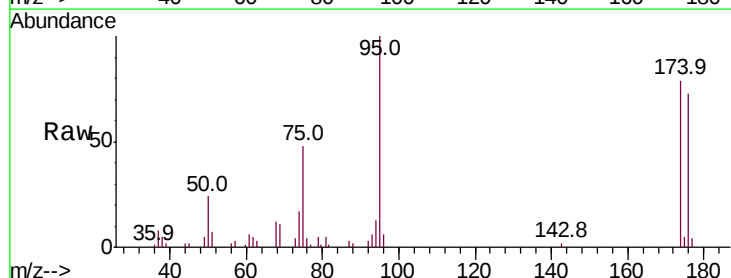
Tgt Ion: 95 Resp: 42999

Ion Ratio Lower Upper

95 100

174 79.4 0.0 181.8

176 73.4 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) (-)

13.56

40000

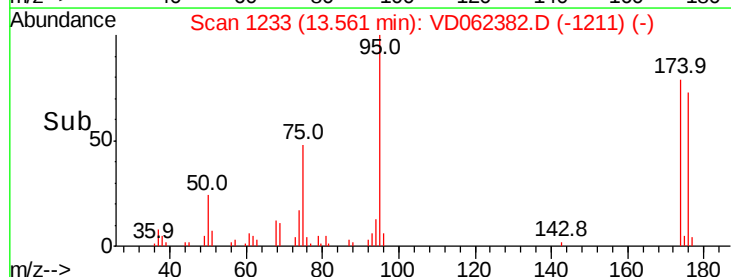
30000

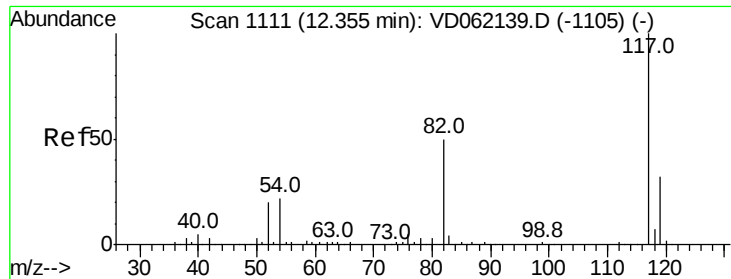
20000

10000

0

Time--> 13.50 13.55 13.60

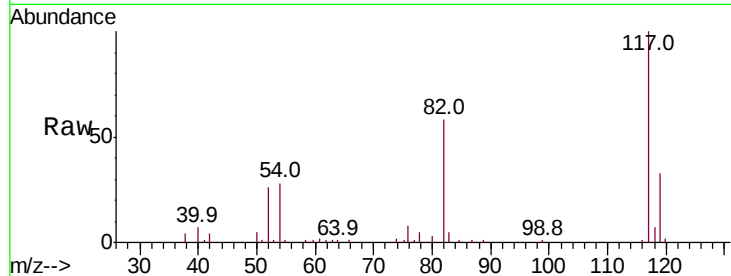




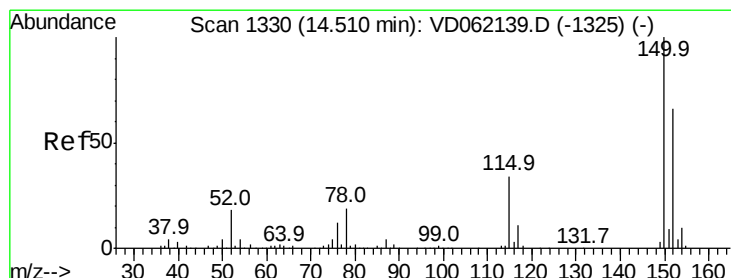
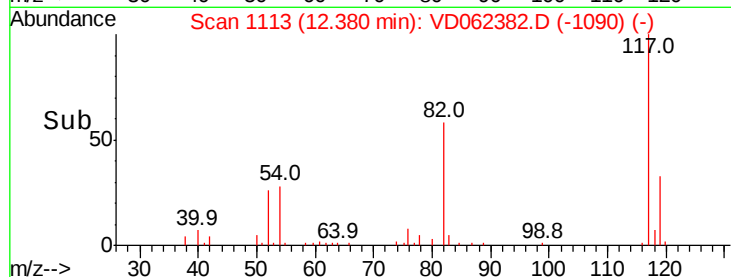
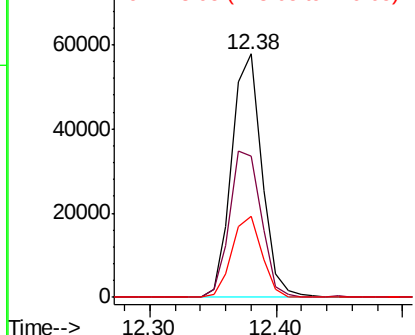
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062382.D
Acq: 15 May 2019 9:04

Instrument :
MSVOA_D
ClientSampleId :
RT-3456

Tot Ion:117 Resp: 95140
Ion Ratio Lower Upper
117 100
82 58.0 36.2 54.2#
119 33.1 26.2 39.4

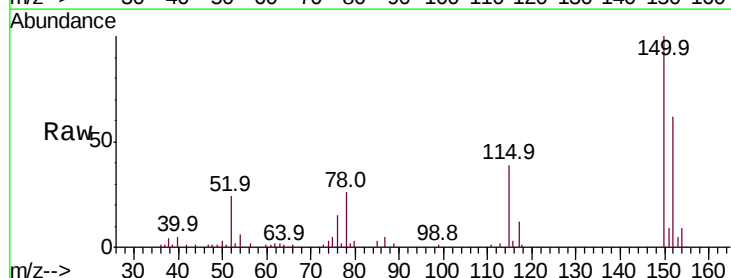


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD062382.D
Acq: 15 May 2019 9:04

Tgt Ion:152 Resp: 49466
Ion Ratio Lower Upper
152 100
115 62.7 30.9 92.7
150 161.8 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

