

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050719\
 Data File : VD062152.D
 Acq On : 8 May 2019 1:26
 Operator : FY/SY
 Sample : K2673-09
 Misc : 5.01g/5mL/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-15-1.0-1.5

Quant Time: May 08 04:57:18 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	7.03	168	164751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	295430	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	250429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	117678	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	124032	81.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	162.02%	
35) Dibromofluoromethane	6.90	113	115515	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
50) Toluene-d8	10.39	98	213467	36.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.24%	
62) 4-Bromofluorobenzene	13.54	95	102210	43.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.14%	

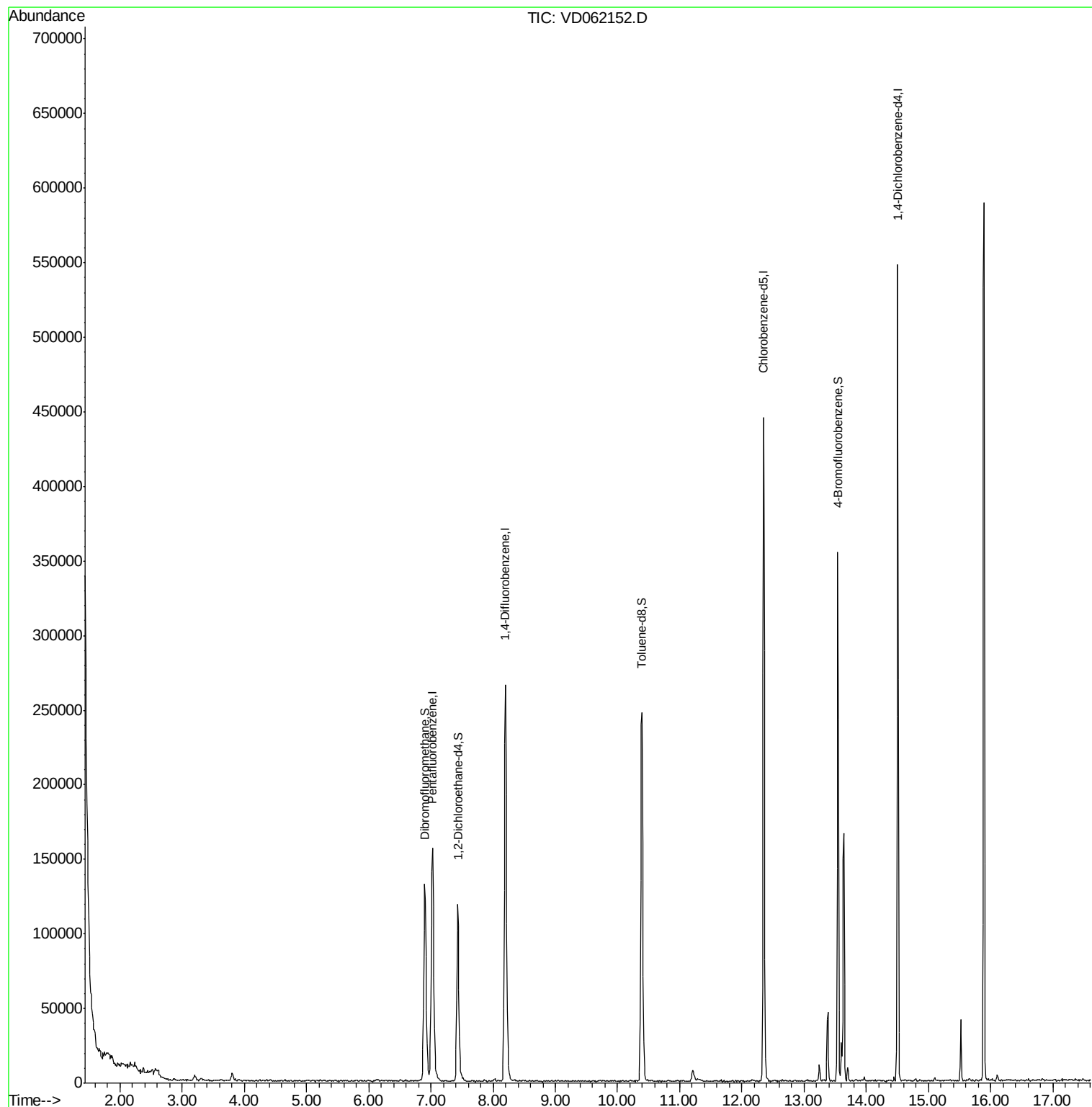
Target Compounds	Qvalue
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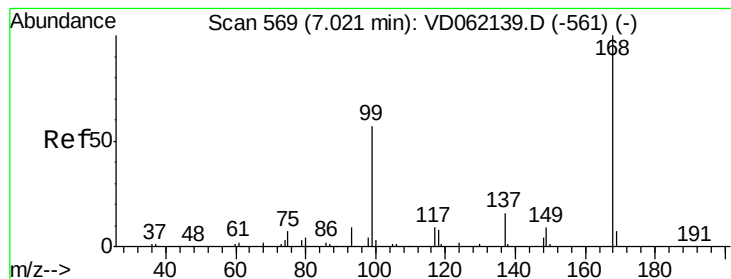
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. 0.01 min

Lab File: VD062152.D

Acq: 8 May 2019 1:26

Instrument :

MSVOA_D

ClientSampleId :

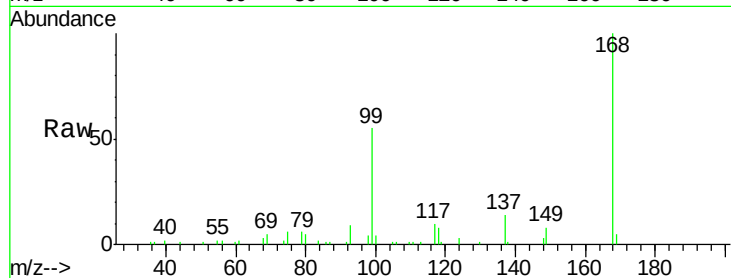
SB-15-1.0-1.5

Tot Ion:168 Resp: 164751

Ion Ratio Lower Upper

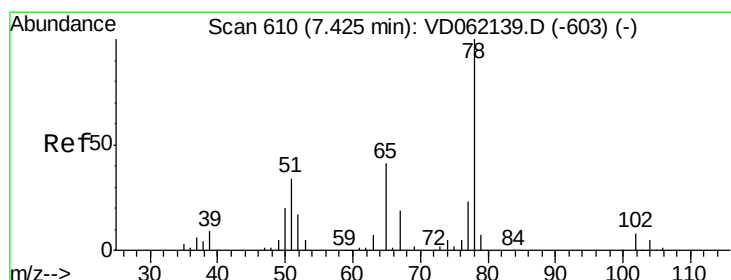
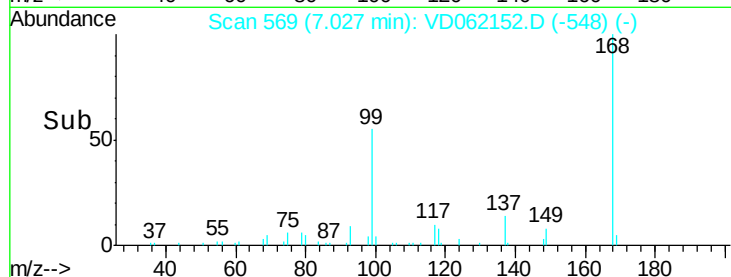
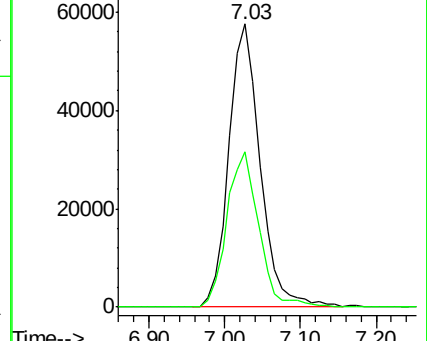
168 100

99 55.0 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: 81.011 ug/l

RT: 7.43 min Scan# 610

Delta R.T. 0.01 min

Lab File: VD062152.D

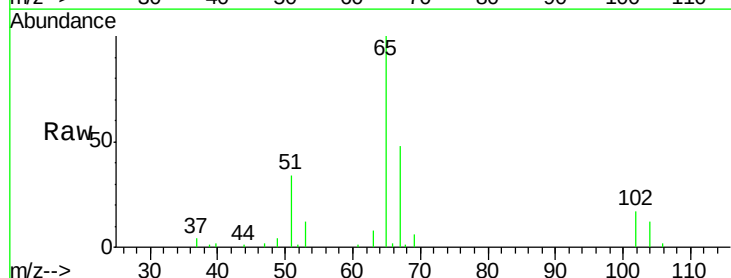
Acq: 8 May 2019 1:26

Tgt Ion: 65 Resp: 124032

Ion Ratio Lower Upper

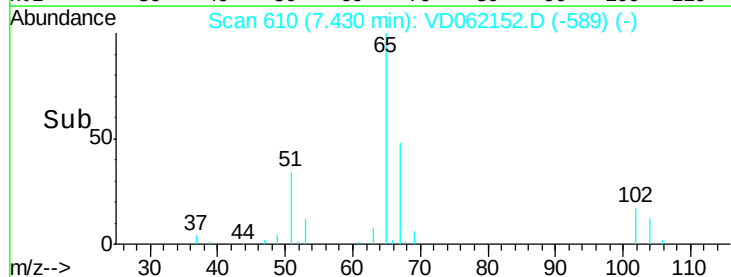
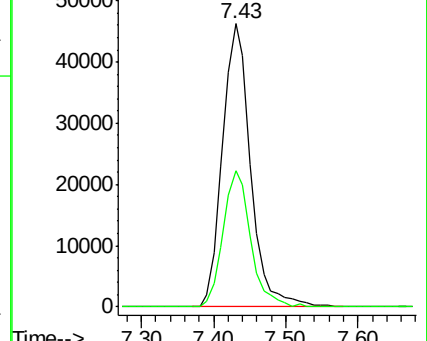
65 100

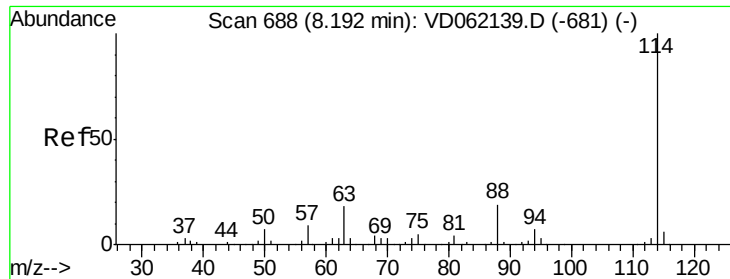
67 48.1 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

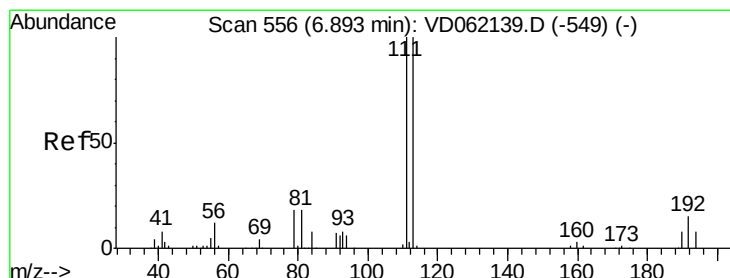
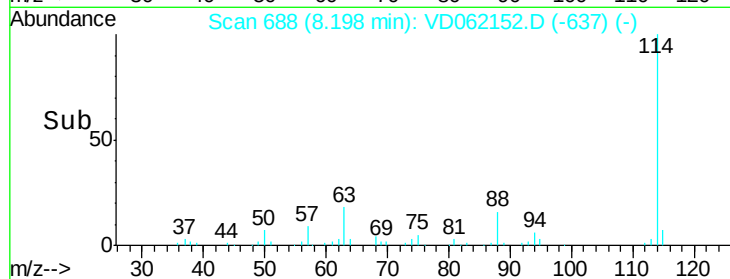
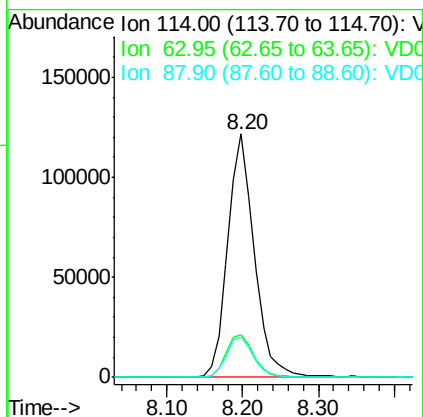
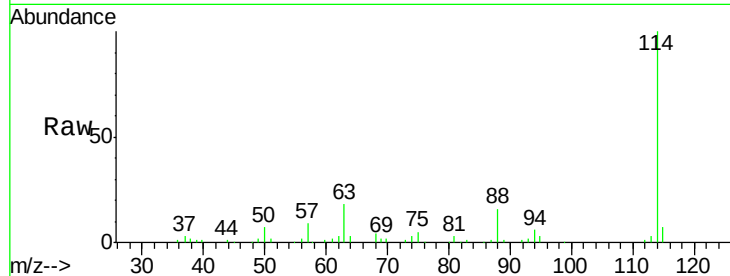




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: VD062152.D
 Acq: 8 May 2019 1:26

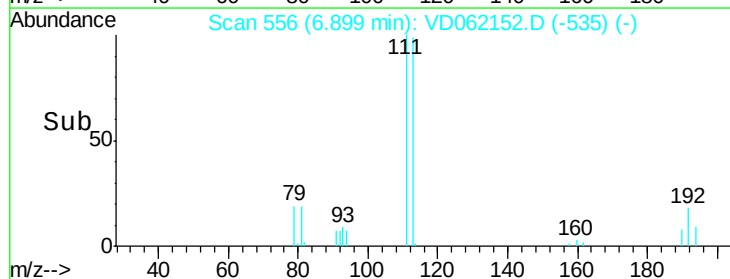
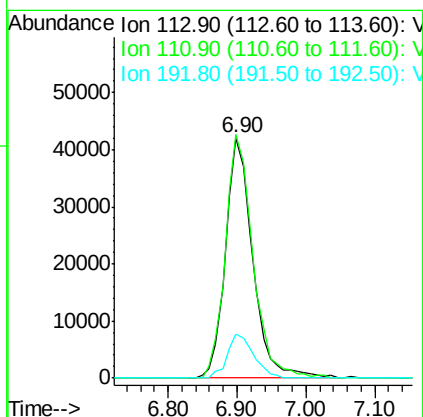
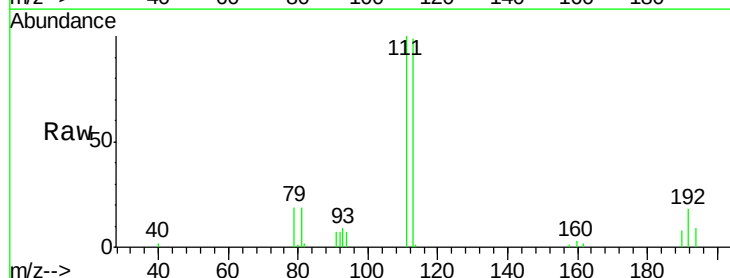
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-15-1.0-1.5

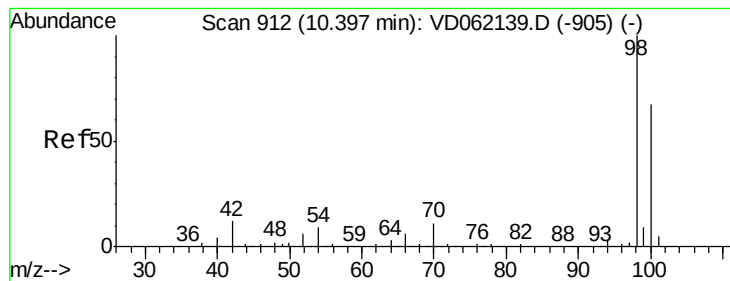
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	32.4
88	16.5	0.0	33.6



#35
 Dibromofluoromethane
 Concen: 47.126 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: VD062152.D
 Acq: 8 May 2019 1:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	78.5	117.7
192	18.1	13.0	19.4





#50

Toluene-d8

Concen: 36.119 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.00 min

Lab File: VD062152.D

Acq: 8 May 2019 1:26

Instrument :

MSVOA_D

ClientSampleId :

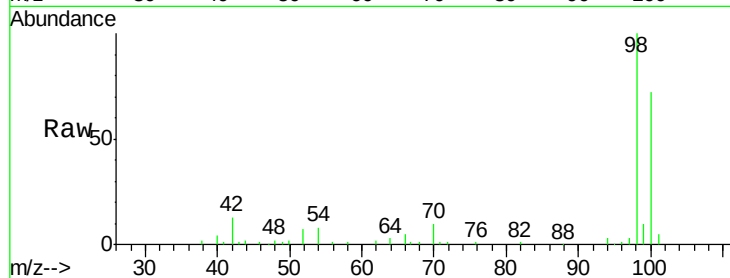
SB-15-1.0-1.5

Tot Ion: 98 Resp: 213467

Ion Ratio Lower Upper

98 100

100 71.7 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

80000

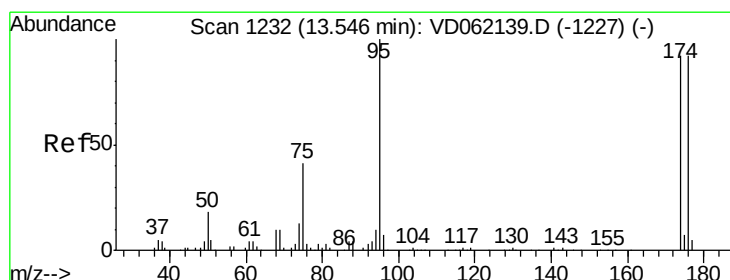
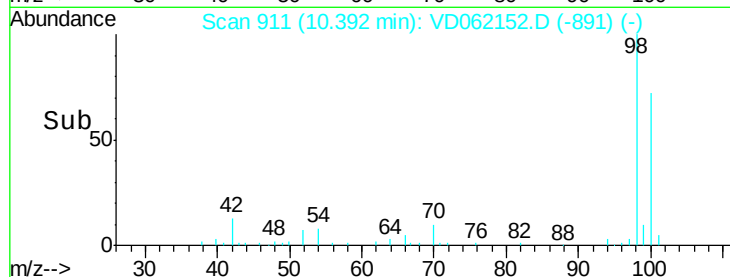
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.067 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD062152.D

Acq: 8 May 2019 1:26

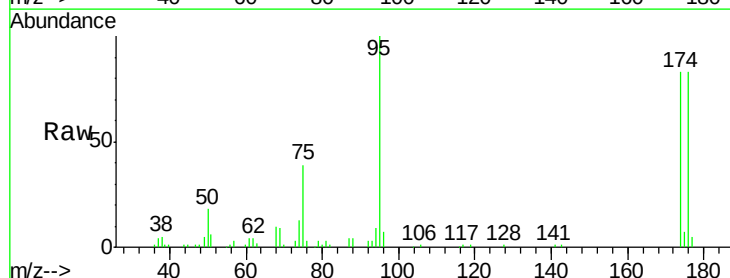
Tgt Ion: 95 Resp: 102210

Ion Ratio Lower Upper

95 100

174 83.3 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) (-)

13.54

80000

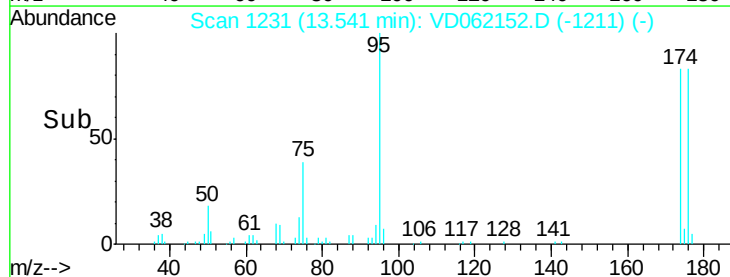
60000

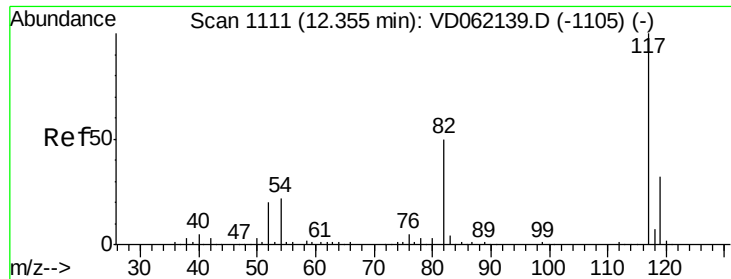
40000

20000

0

Time-->

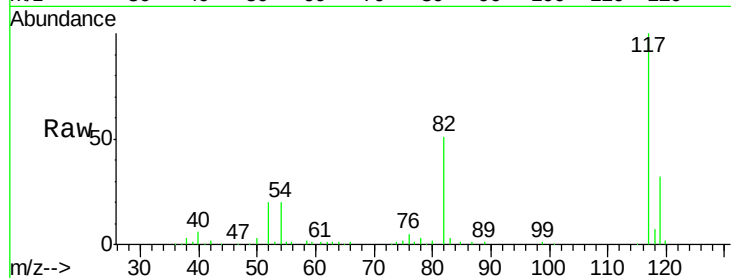




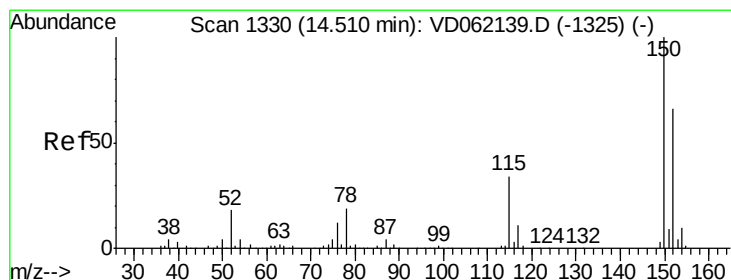
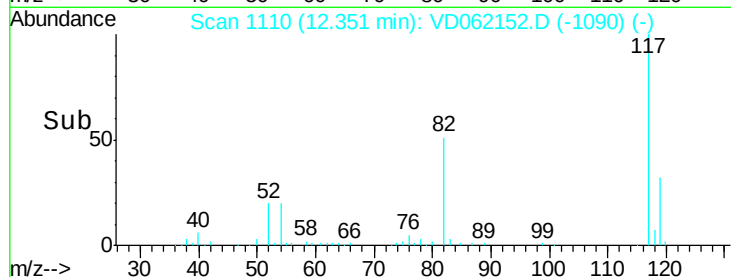
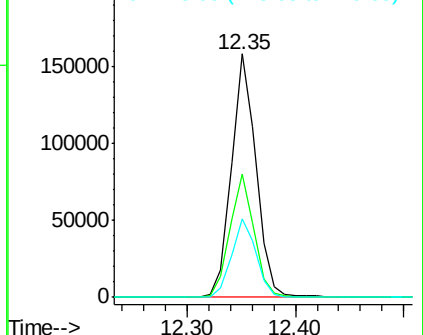
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD062152.D
Acq: 8 May 2019 1:26

Instrument :
MSVOA_D
ClientSampleId :
SB-15-1.0-1.5

Tot Ion:117 Resp: 250429
Ion Ratio Lower Upper
117 100
82 50.6 36.2 54.2
119 32.3 26.2 39.4

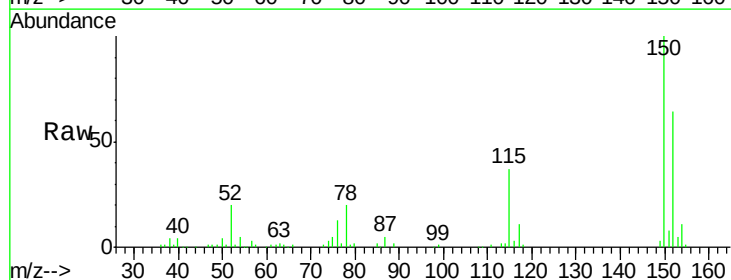


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD062152.D
Acq: 8 May 2019 1:26

Tgt Ion:152 Resp: 117678
Ion Ratio Lower Upper
152 100
115 58.4 30.9 92.7
150 156.1 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

