

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050719\
 Data File : VD062155.D
 Acq On : 8 May 2019 2:52
 Operator : FY/SY
 Sample : K2673-15
 Misc : 5.06g/5mL/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-01-COMP

Quant Time: May 08 05:02:26 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	129251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	211081	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	175532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	63877	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	107666	89.64	ug/l	0.01
Spiked Amount			Recovery	=	179.28%	
35) Dibromofluoromethane	6.90	113	98758	56.39	ug/l	0.01
Spiked Amount			Recovery	=	112.78%	
50) Toluene-d8	10.39	98	162366	38.45	ug/l	0.00
Spiked Amount			Recovery	=	76.90%	
62) 4-Bromofluorobenzene	13.55	95	67486	39.80	ug/l	0.00
Spiked Amount			Recovery	=	79.60%	

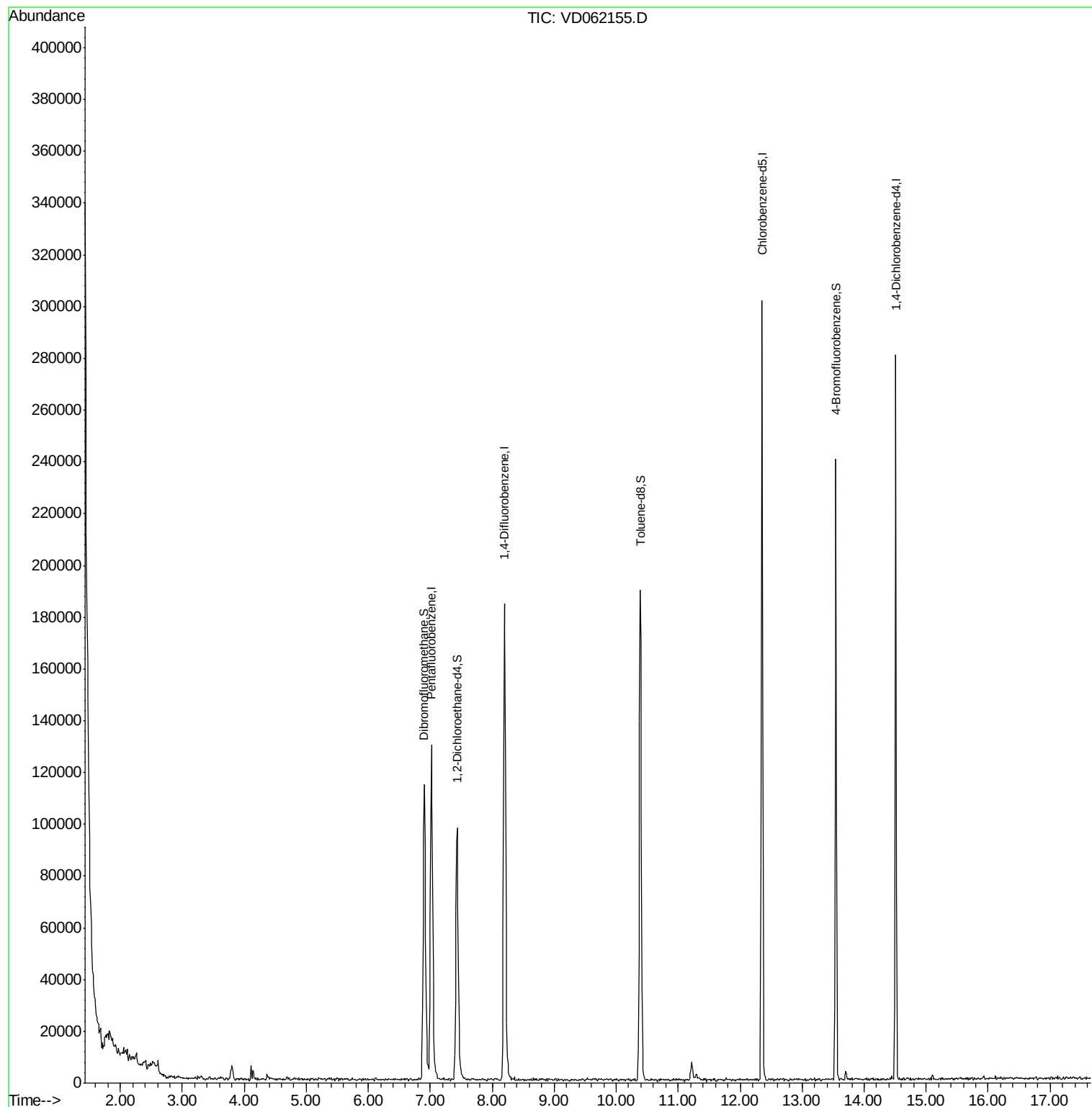
Target Compounds	Qvalue
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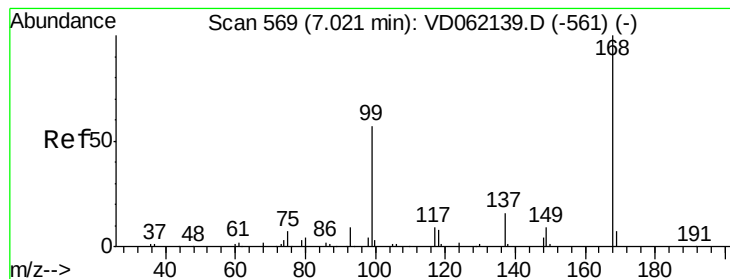
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.00 min

Lab File: VD062155.D

Acq: 8 May 2019 2:52

Instrument :

MSVOA_D

ClientSampleId :

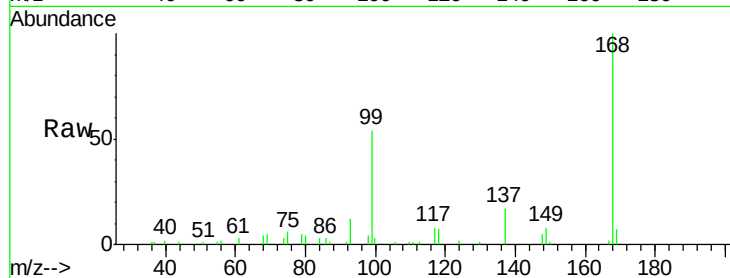
SP-01-COMP

Tot Ion:168 Resp: 129251

Ion Ratio Lower Upper

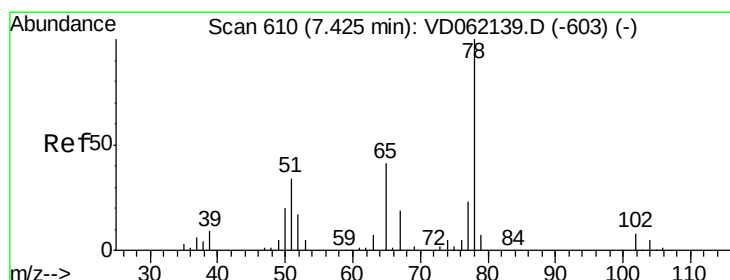
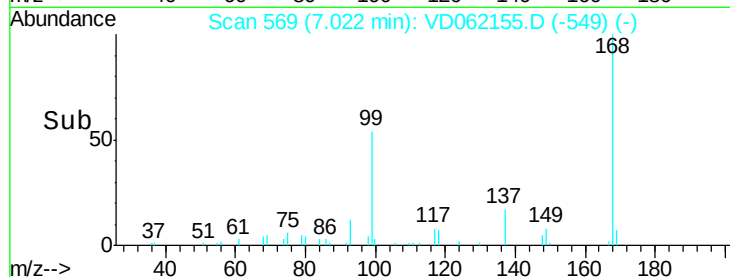
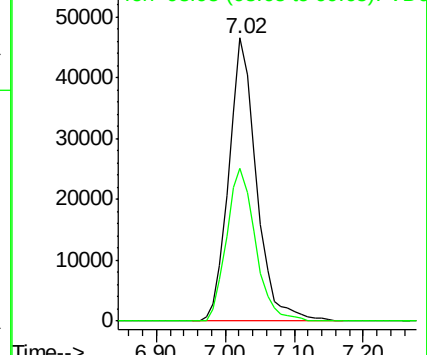
168 100

99 54.0 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: 89.636 ug/l

RT: 7.43 min Scan# 611

Delta R.T. 0.01 min

Lab File: VD062155.D

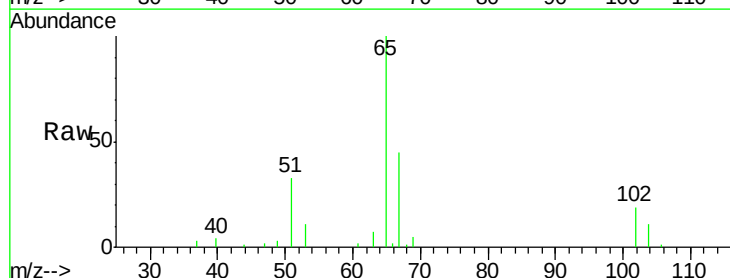
Acq: 8 May 2019 2:52

Tgt Ion: 65 Resp: 107666

Ion Ratio Lower Upper

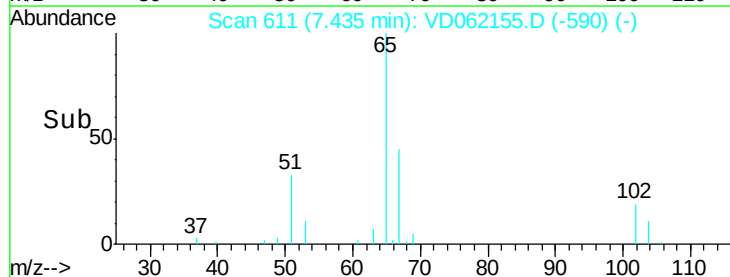
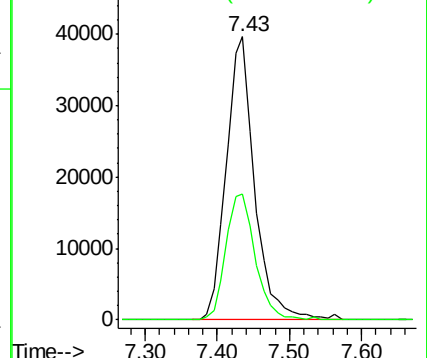
65 100

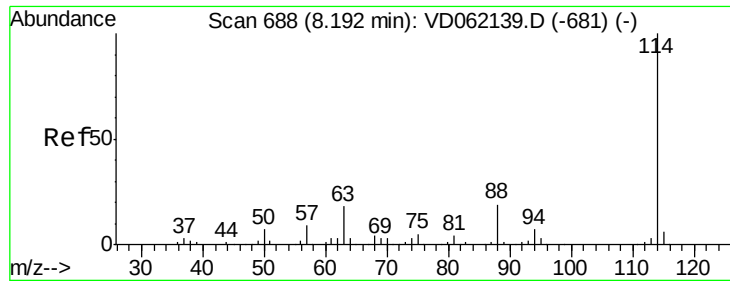
67 44.7 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

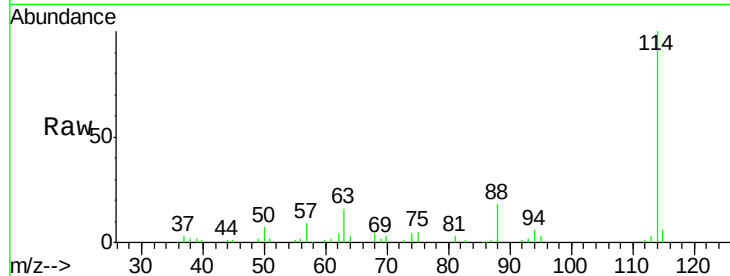




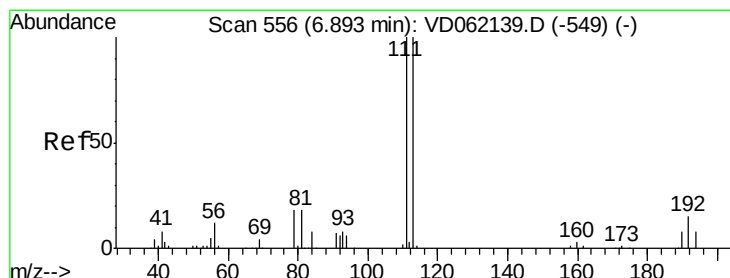
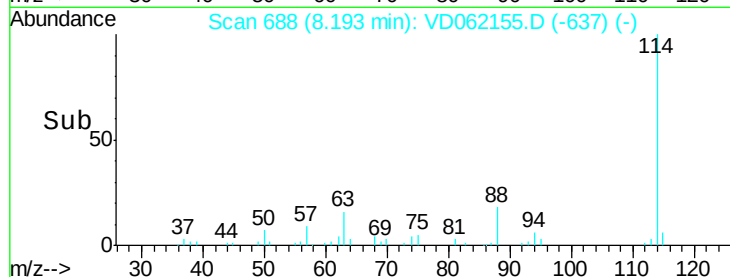
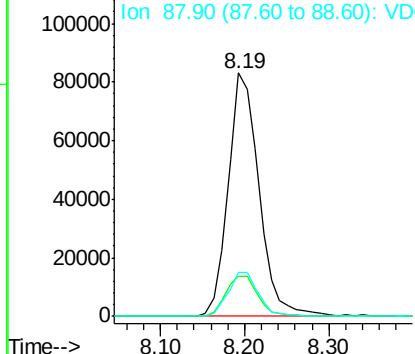
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: VD062155.D
 Acq: 8 May 2019 2:52

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-01-COMP

Tot Ion:114 Resp: 211081
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 32.4
 88 18.2 0.0 33.6

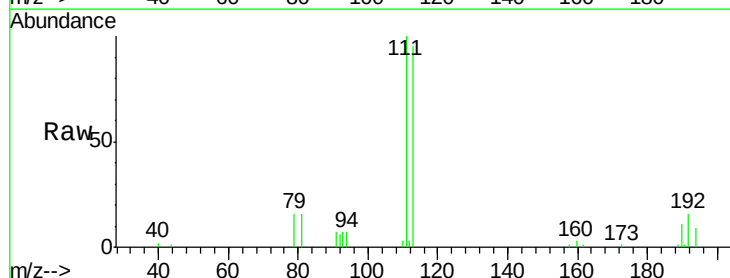


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

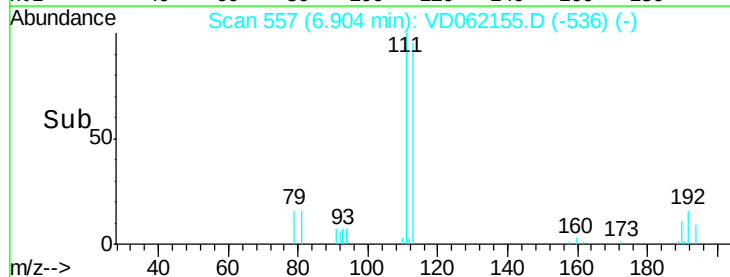
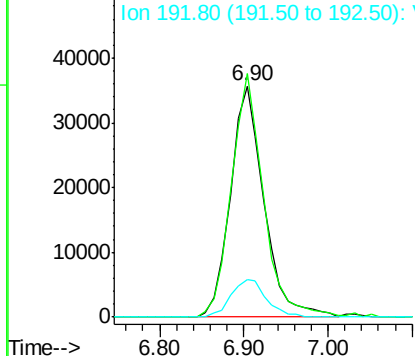


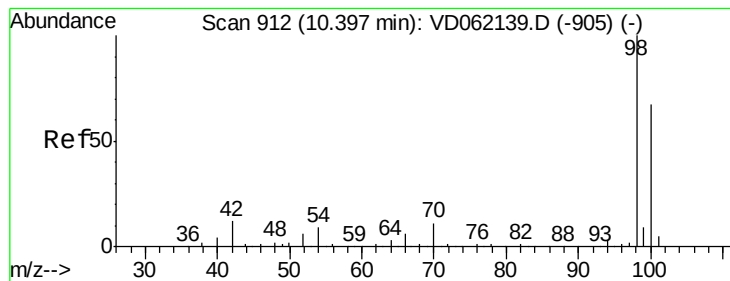
#35
 Dibromofluoromethane
 Concen: 56.389 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: VD062155.D
 Acq: 8 May 2019 2:52

Tgt Ion:113 Resp: 98758
 Ion Ratio Lower Upper
 113 100
 111 105.3 78.5 117.7
 192 16.5 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: 38.451 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD062155.D

Acq: 8 May 2019 2:52

Instrument :

MSVOA_D

ClientSampleId :

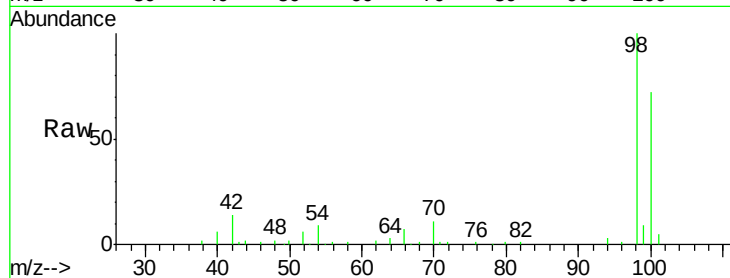
SP-01-COMP

Tot Ion: 98 Resp: 162366

Ion Ratio Lower Upper

98 100

100 72.3 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

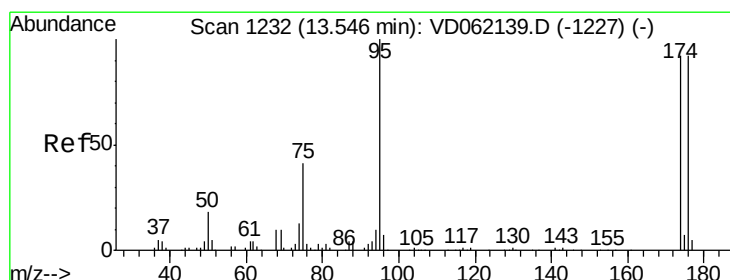
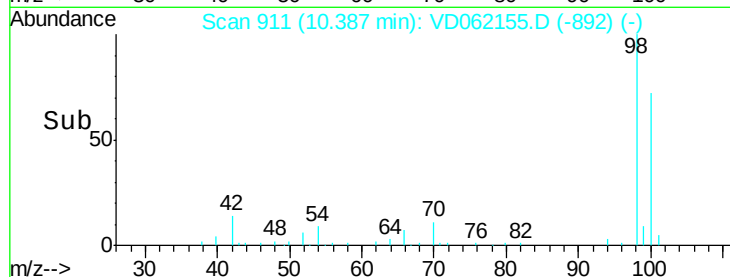
20000

0

Time-->

10.30

10.40



#62

4-Bromofluorobenzene

Concen: 39.799 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062155.D

Acq: 8 May 2019 2:52

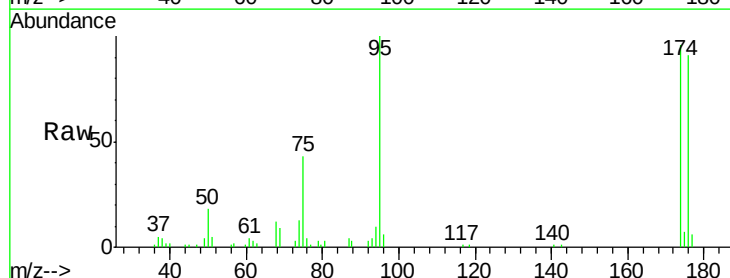
Tgt Ion: 95 Resp: 67486

Ion Ratio Lower Upper

95 100

174 96.1 0.0 181.8

176 90.6 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) (-)

13.55

60000

40000

20000

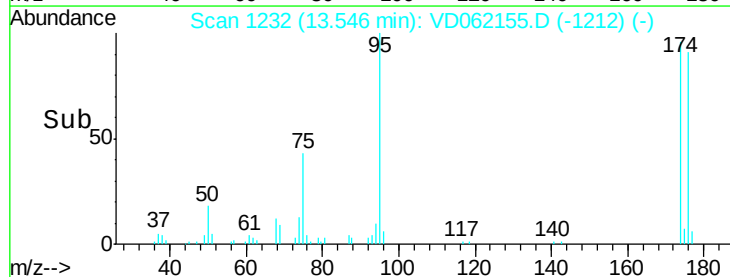
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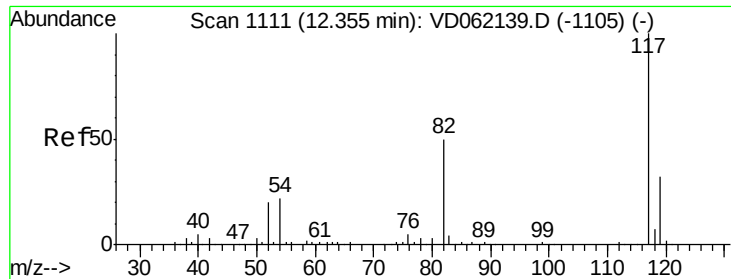
Time-->

13.50

13.55

13.60

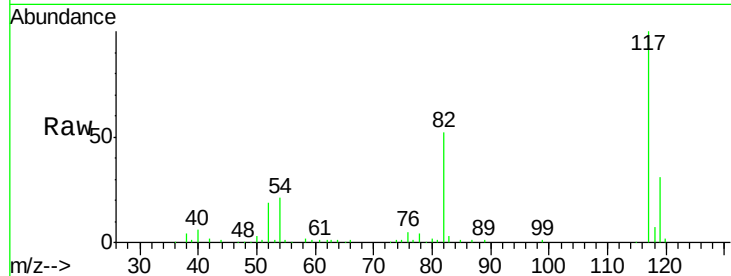




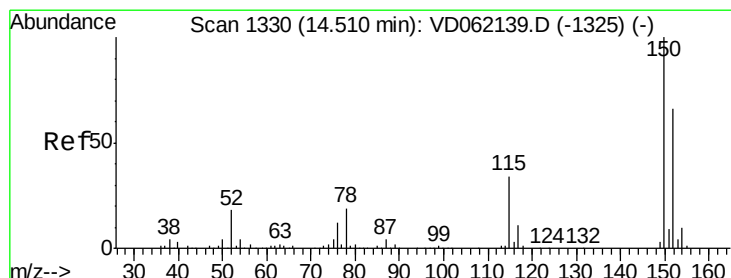
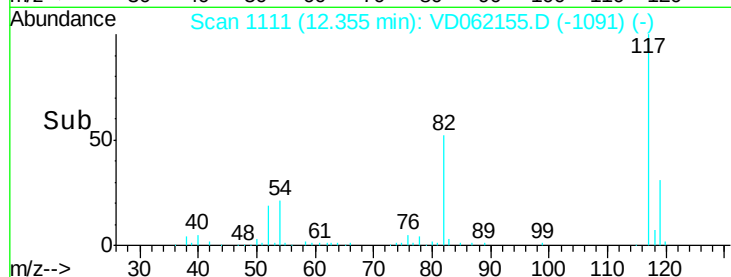
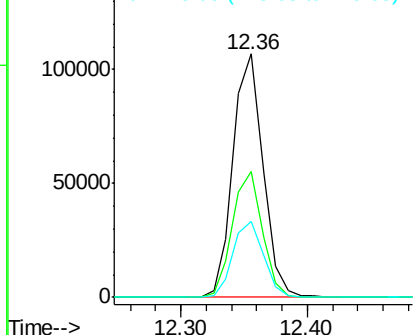
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062155.D
Acq: 8 May 2019 2:52

Instrument :
MSVOA_D
ClientSampleId :
SP-01-COMP

Tot Ion:117 Resp: 175532
Ion Ratio Lower Upper
117 100
82 51.6 36.2 54.2
119 31.3 26.2 39.4

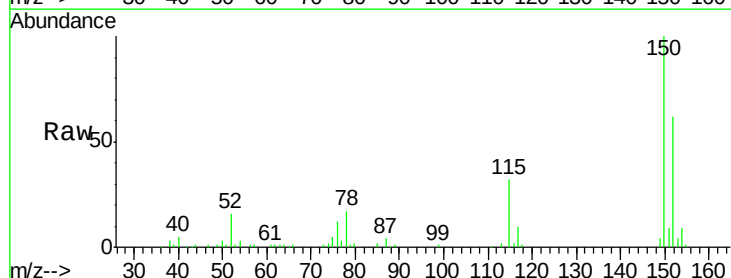


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062155.D
Acq: 8 May 2019 2:52

Tgt Ion:152 Resp: 63877
Ion Ratio Lower Upper
152 100
115 51.6 30.9 92.7
150 160.4 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

