

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD050819\
 Data File : VD062176.D
 Acq On : 8 May 2019 16:10
 Operator : FY/SY
 Sample : K2672-09RE
 Misc : 5.10g/5mL/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-1.5-2.0RE

Quant Time: May 15 03:54:40 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	44225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	73595	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	62620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	28300	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	41919	102.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.00%	
35) Dibromofluoromethane	6.90	113	37526	61.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.90%	
50) Toluene-d8	10.39	98	64177	43.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.18%	
62) 4-Bromofluorobenzene	13.54	95	26635	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	

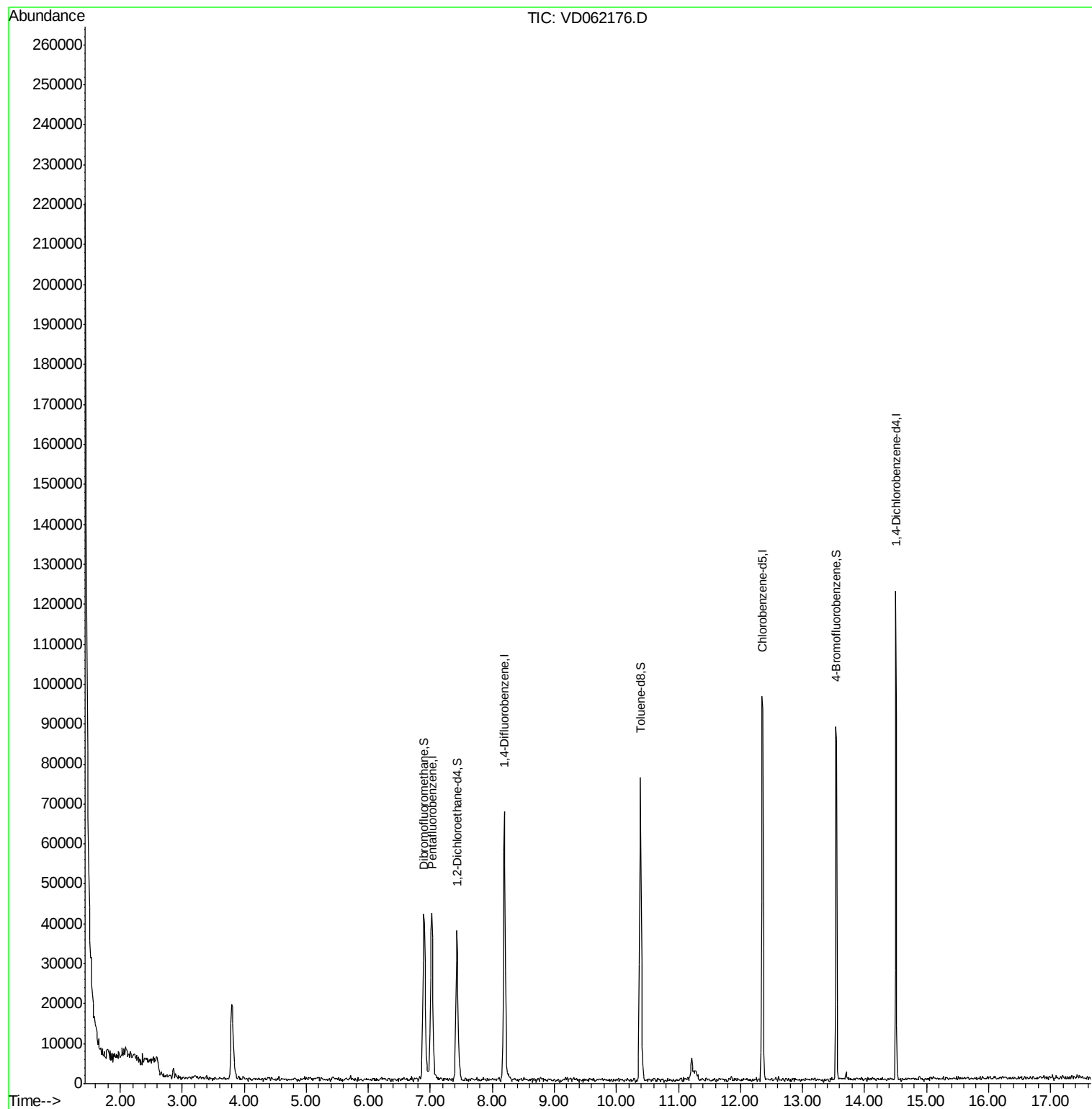
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.00 min

Lab File: VD062176.D

Acq: 8 May 2019 16:10

Instrument :

MSVOA_D

ClientSampleId :

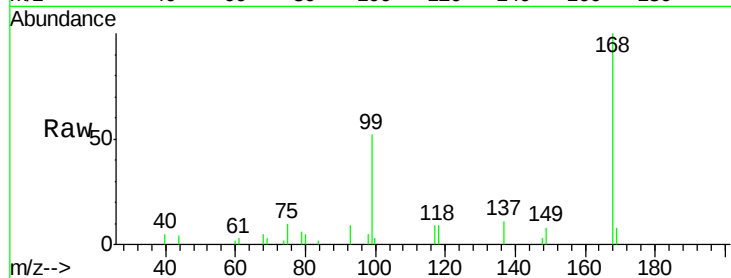
SB-05-1.5-2.0RE

Tot Ion:168 Resp: 44225

Ion Ratio Lower Upper

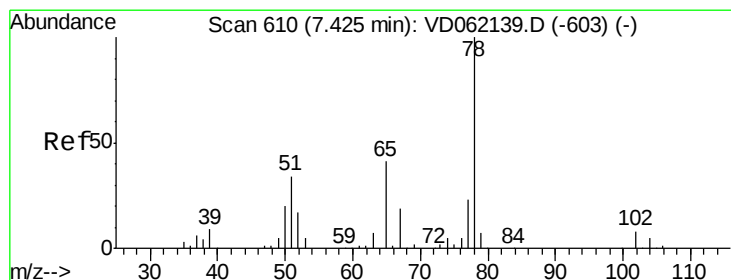
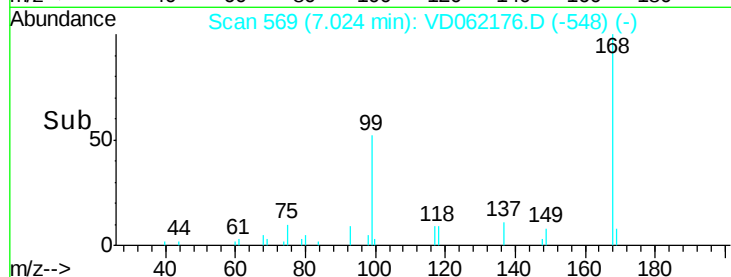
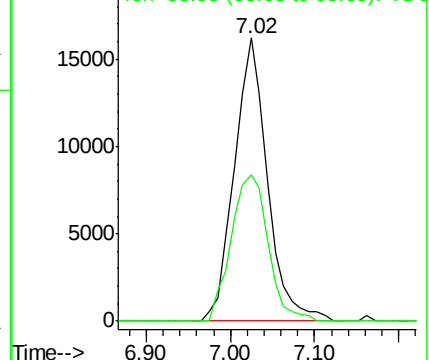
168 100

99 51.6 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: 101.996 ug/l

RT: 7.43 min Scan# 610

Delta R.T. 0.00 min

Lab File: VD062176.D

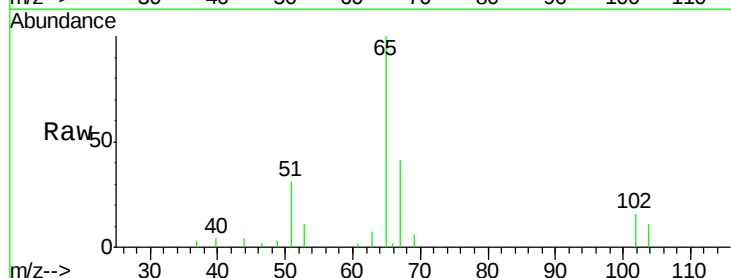
Acq: 8 May 2019 16:10

Tgt Ion: 65 Resp: 41919

Ion Ratio Lower Upper

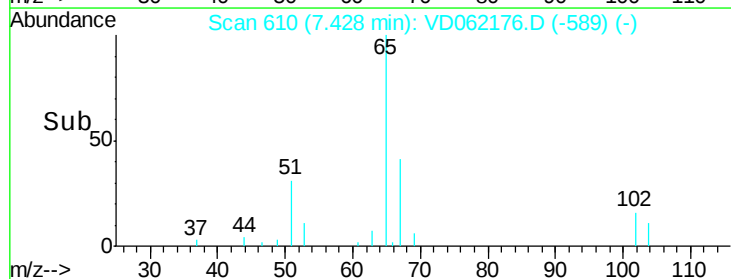
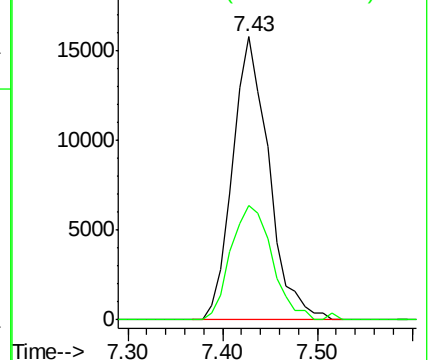
65 100

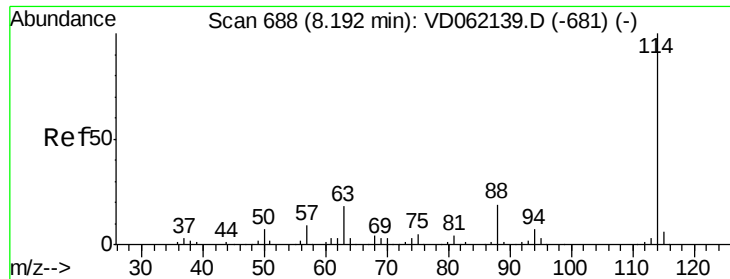
67 40.6 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

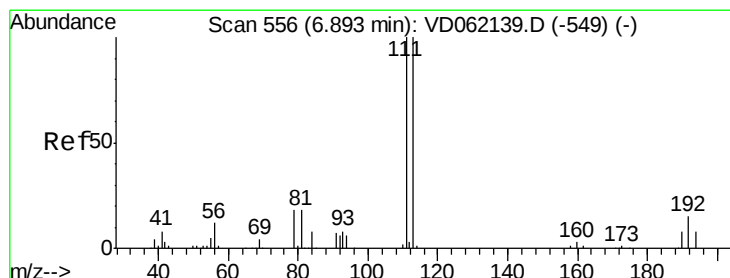
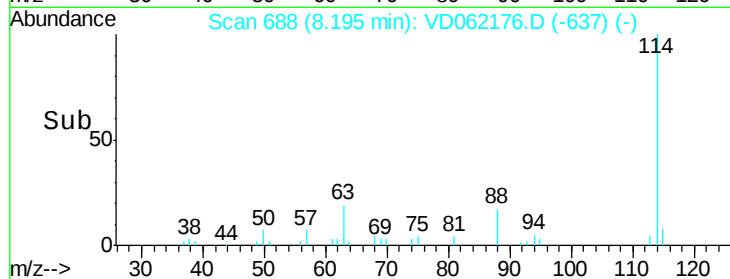
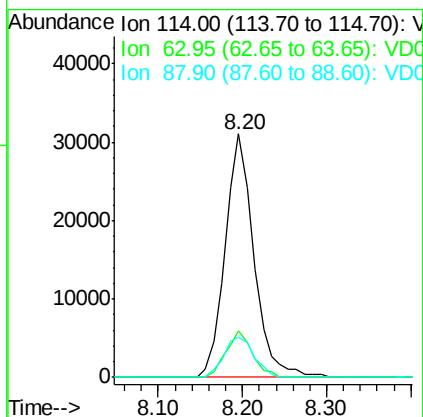
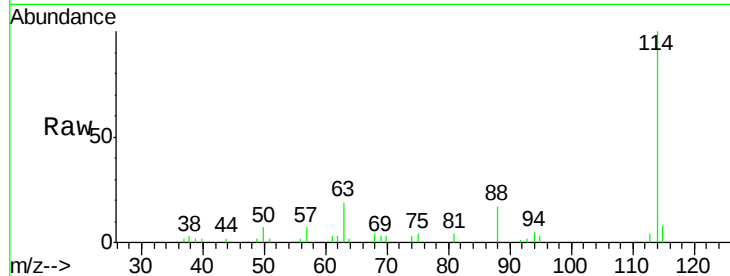




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: VD062176.D
 Acq: 8 May 2019 16:10

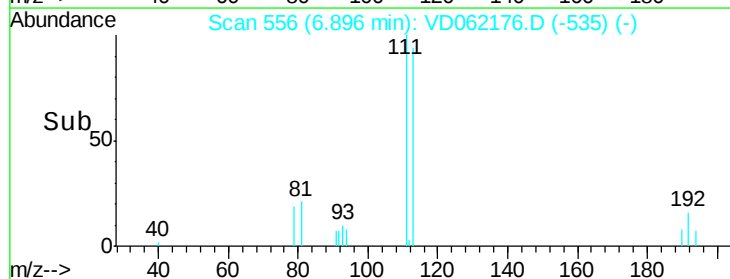
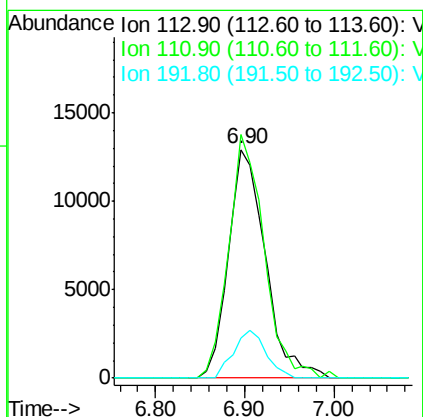
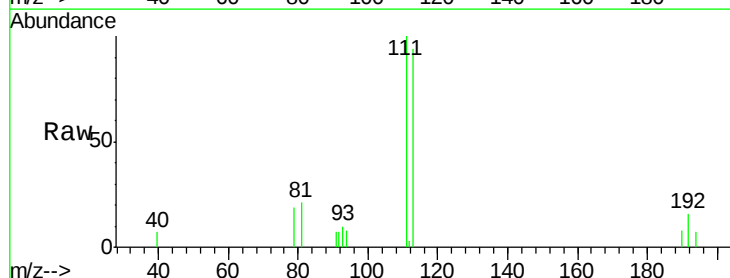
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-1.5-2.0RE

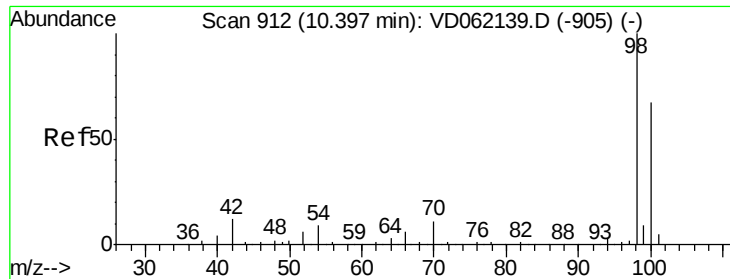
Tot Ion:114 Resp: 73595
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 32.4
 88 16.6 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 61.455 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: VD062176.D
 Acq: 8 May 2019 16:10

Tgt Ion:113 Resp: 37526
 Ion Ratio Lower Upper
 113 100
 111 106.5 78.5 117.7
 192 17.3 13.0 19.4





#50

Toluene-d8

Concen: 43.591 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD062176.D

Acq: 8 May 2019 16:10

Instrument :

MSVOA_D

ClientSampleId :

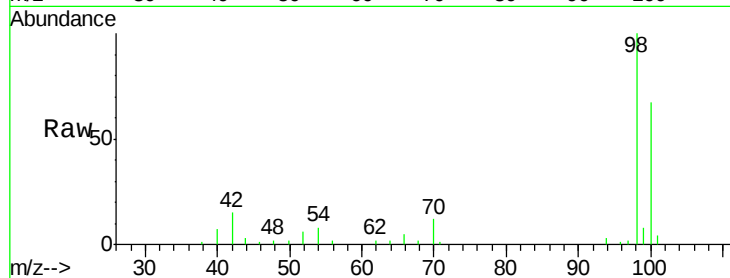
SB-05-1.5-2.0RE

Tot Ion: 98 Resp: 64177

Ion Ratio Lower Upper

98 100

100 67.1 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) (-)

10.39

30000

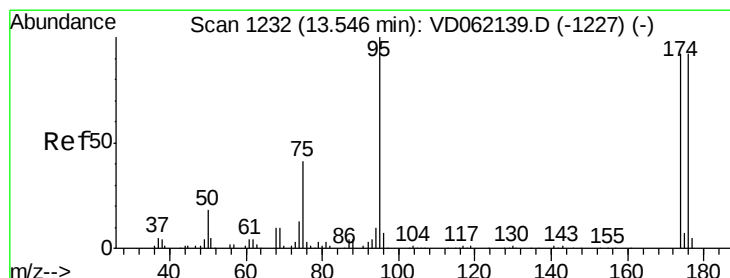
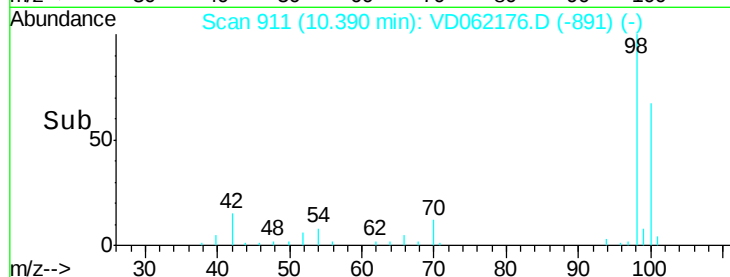
20000

10000

0

Time-->

10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 45.052 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD062176.D

Acq: 8 May 2019 16:10

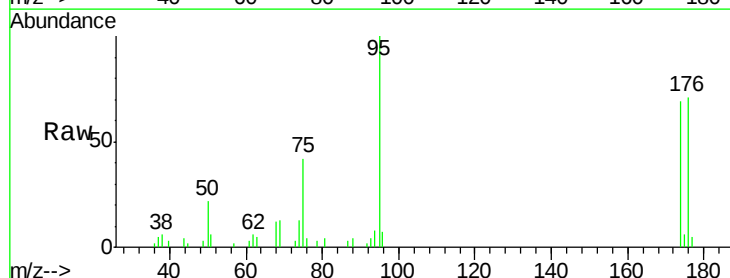
Tgt Ion: 95 Resp: 26635

Ion Ratio Lower Upper

95 100

174 69.4 0.0 181.8

176 70.8 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

25000

20000

15000

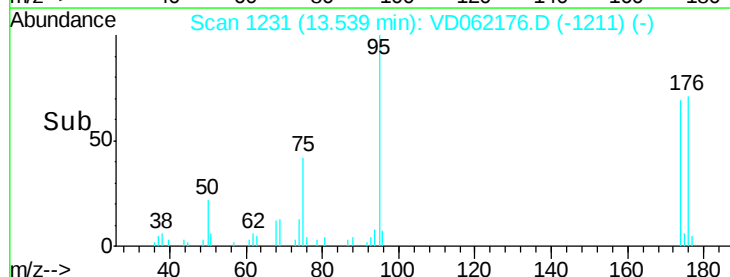
10000

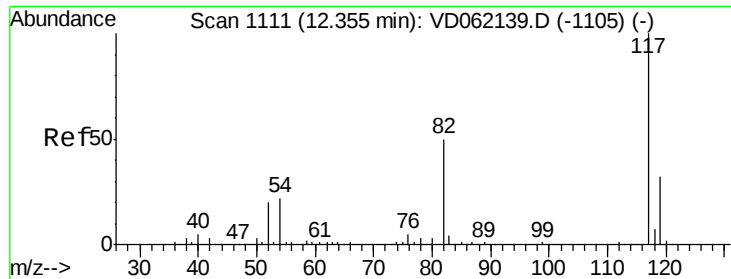
5000

0

Time-->

13.50 13.55 13.60

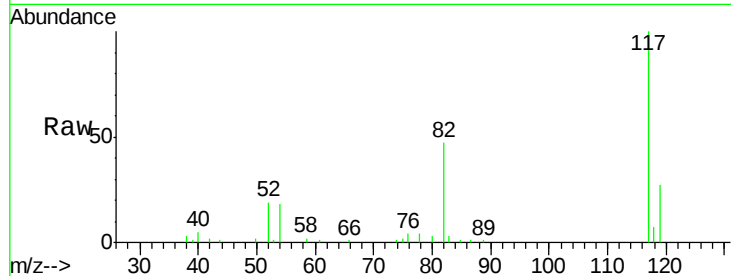




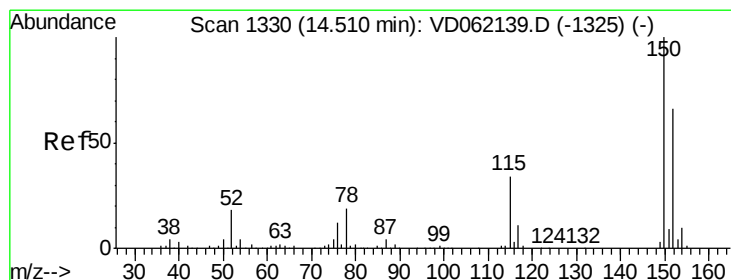
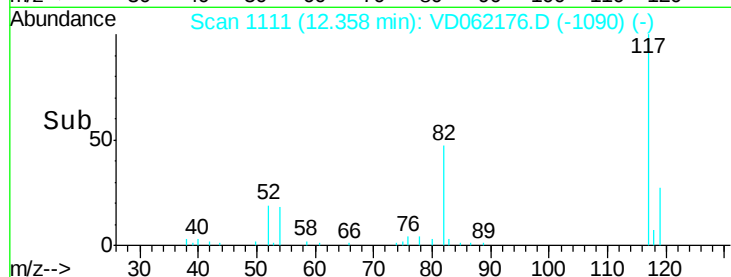
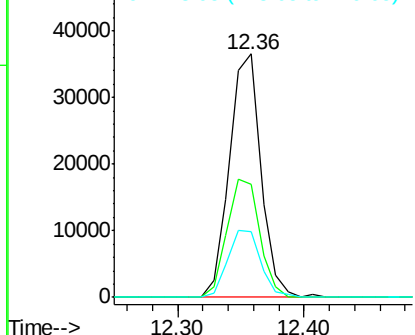
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062176.D
Acq: 8 May 2019 16:10

Instrument :
MSVOA_D
ClientSampleId :
SB-05-1.5-2.0RE

Tot Ion:117 Resp: 62620
Ion Ratio Lower Upper
117 100
82 46.5 36.2 54.2
119 26.8 26.2 39.4

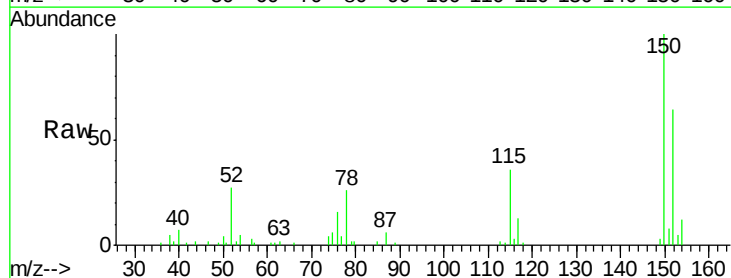


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062176.D
Acq: 8 May 2019 16:10

Tgt Ion:152 Resp: 28300
Ion Ratio Lower Upper
152 100
115 55.3 30.9 92.7
150 155.4 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

