

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067038.D
 Acq On : 02 Oct 2020 16:26
 Operator : VA/SY
 Sample : L4213-10
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-17(5-7)

Quant Time: Oct 03 05:15:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

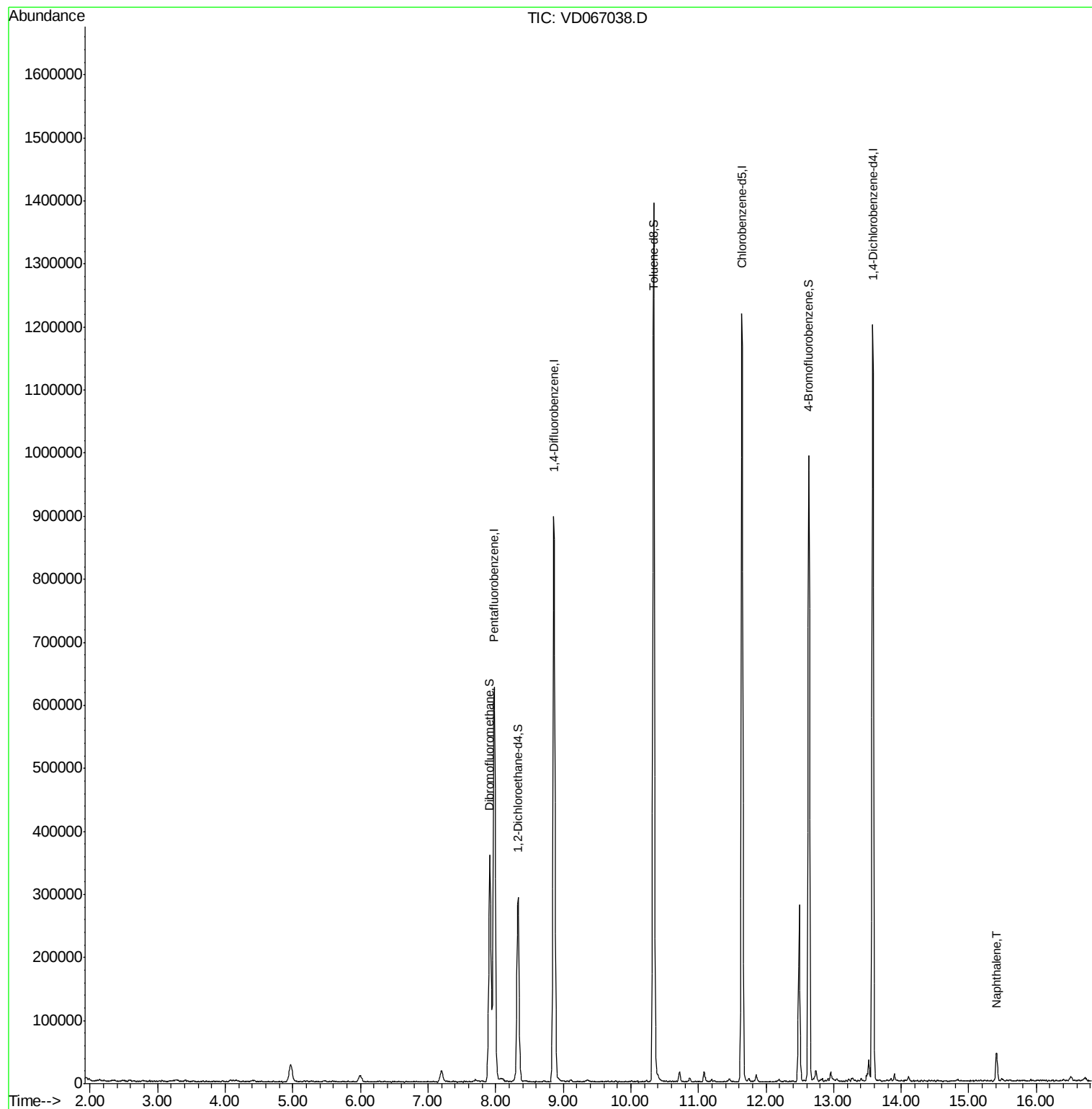
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	480936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	803074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	734283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	334439	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	238675	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
35) Dibromofluoromethane	7.91	113	262149	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
50) Toluene-d8	10.34	98	946835	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.63	95	328036	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
Target Compounds						
95) Naphthalene	15.41	128	40714	4.046	ug/l	Qvalue 97

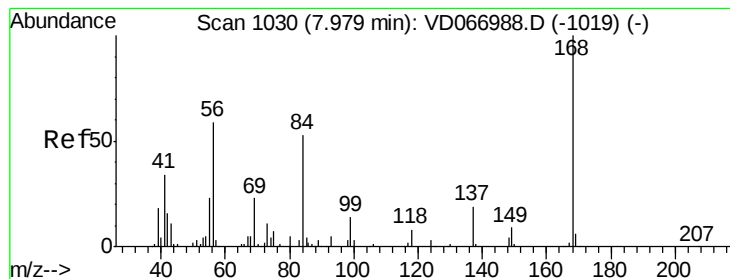
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 15:19:17 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067038.D

Acq: 02 Oct 2020 16:26

Instrument :

MSVOA_D

ClientSampleId :

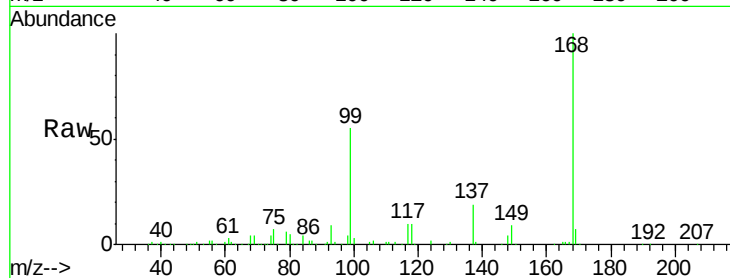
B-17(5-7)

Tot Ion:168 Resp: 480936

Ion Ratio Lower Upper

168 100

99 54.9 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

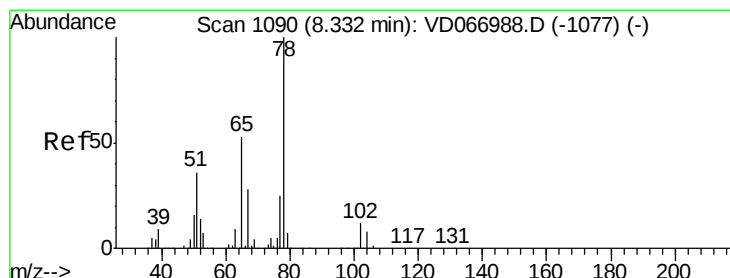
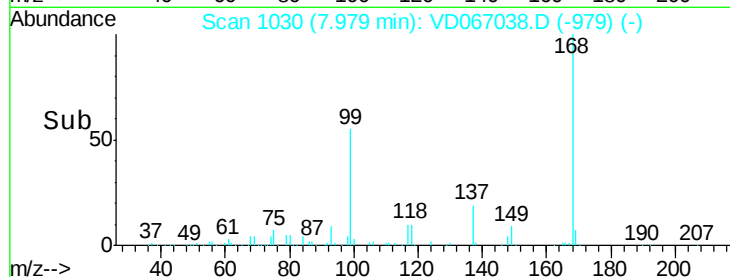
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.523 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067038.D

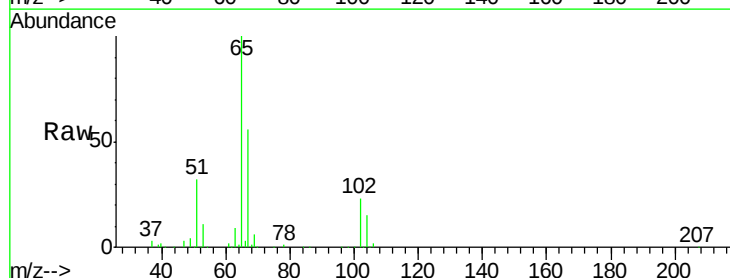
Acq: 02 Oct 2020 16:26

Tgt Ion: 65 Resp: 238675

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

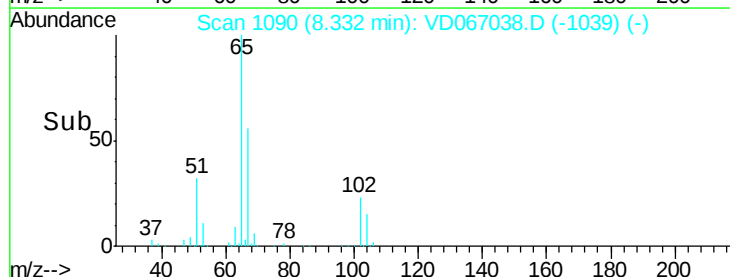
60000

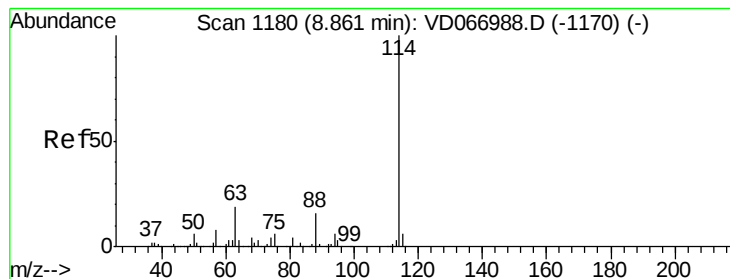
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD067038.D

Acq: 02 Oct 2020 16:26

Instrument :

MSVOA_D

ClientSampled :

B-17(5-7)

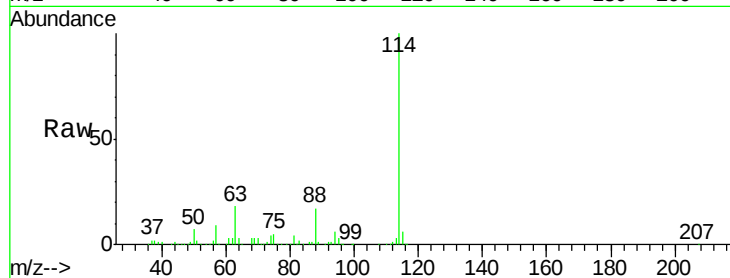
Tot Ion:114 Resp: 803074

Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.4

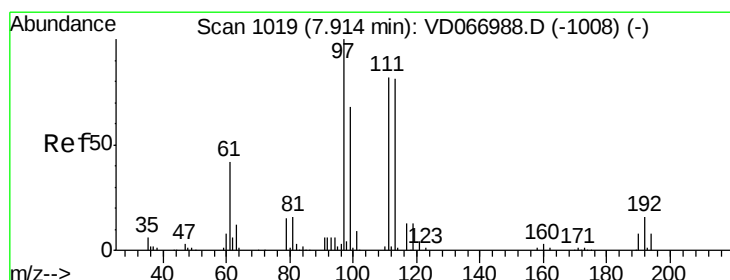
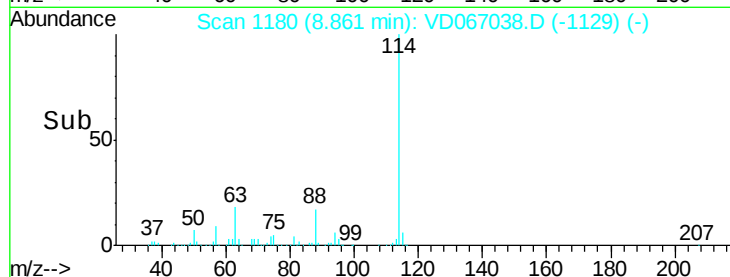
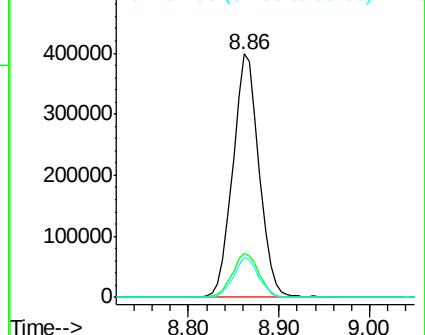
88 16.7 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 49.861 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067038.D

Acq: 02 Oct 2020 16:26

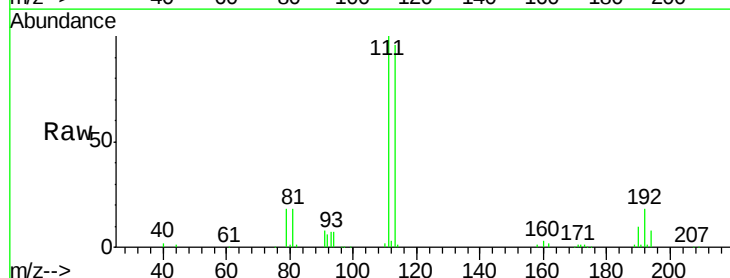
Tgt Ion:113 Resp: 262149

Ion Ratio Lower Upper

113 100

111 101.3 83.0 124.4

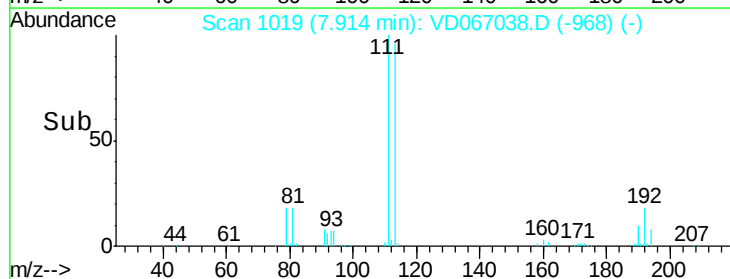
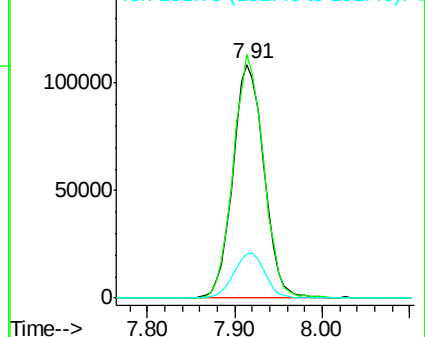
192 19.3 15.5 23.3

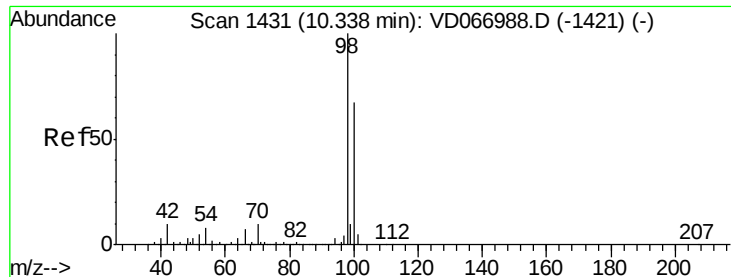


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.423 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067038.D

Acq: 02 Oct 2020 16:26

Instrument :

MSVOA_D

ClientSampleId :

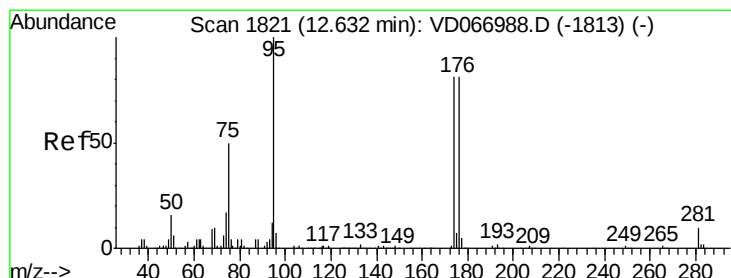
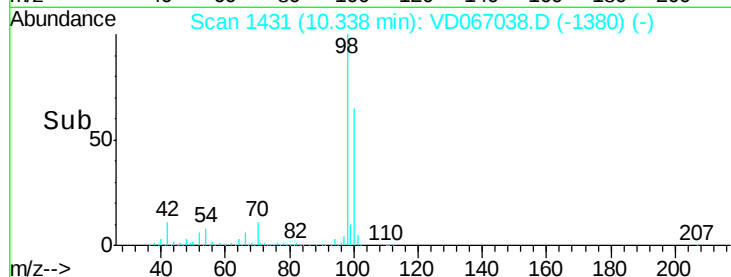
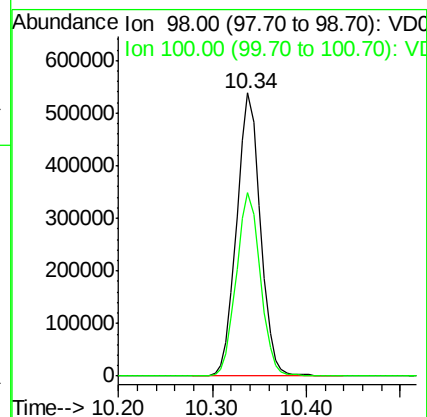
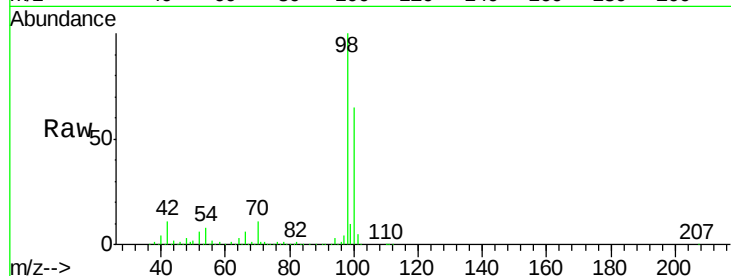
B-17(5-7)

Tot Ion: 98 Resp: 946835

Ion Ratio Lower Upper

98 100

100 65.9 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 50.439 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD067038.D

Acq: 02 Oct 2020 16:26

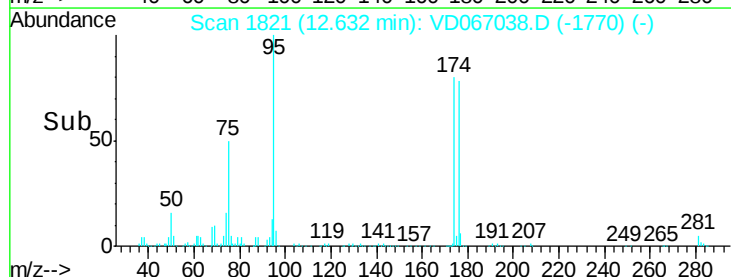
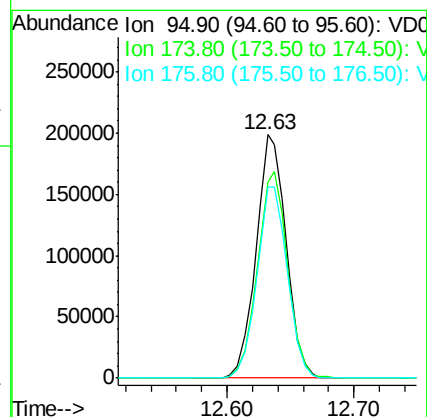
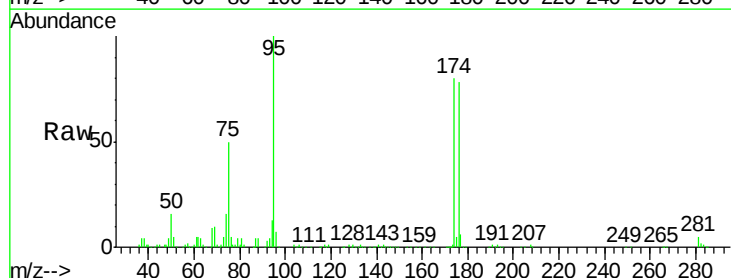
Tgt Ion: 95 Resp: 328036

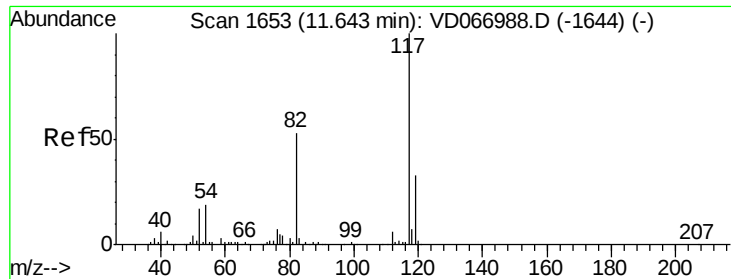
Ion Ratio Lower Upper

95 100

174 84.9 0.0 167.6

176 79.8 0.0 162.4

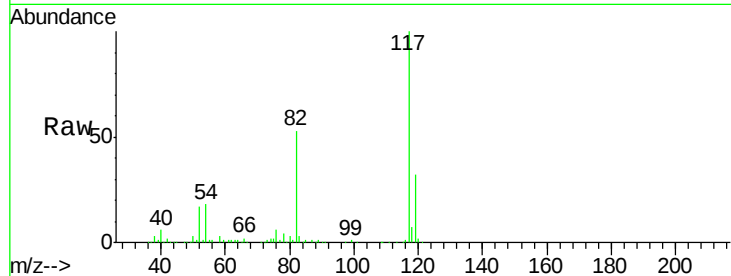




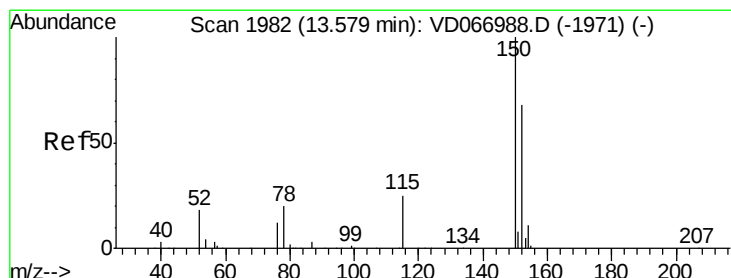
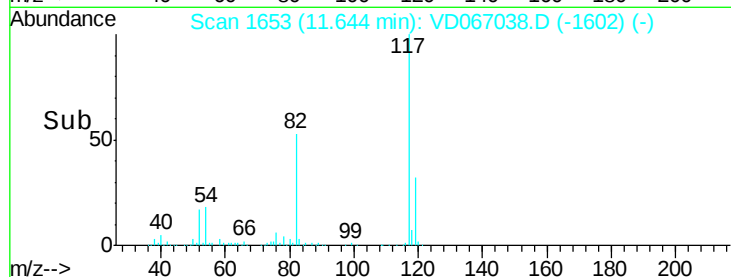
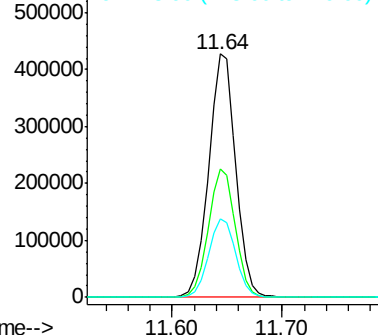
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067038.D
Acq: 02 Oct 2020 16:26

Instrument :
MSVOA_D
ClientSampled :
B-17(5-7)

Tot Ion:117 Resp: 734283
Ion Ratio Lower Upper
117 100
82 52.6 42.6 63.8
119 32.1 26.3 39.5

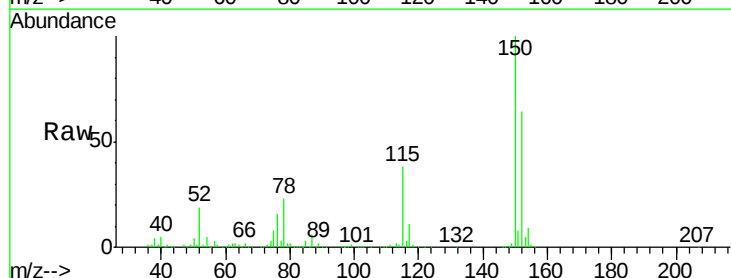


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

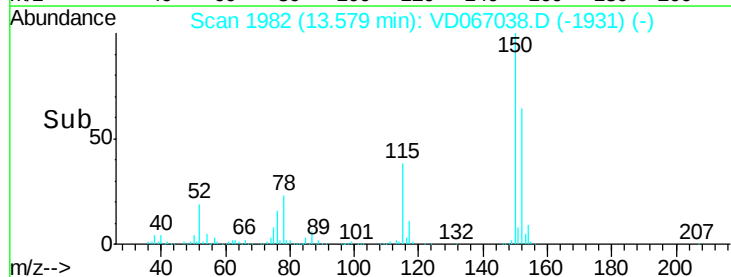
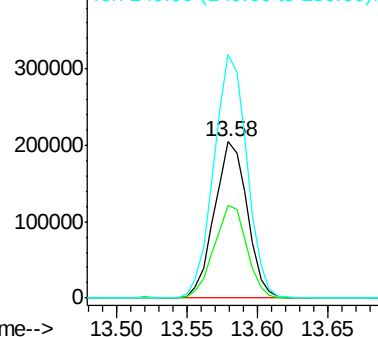


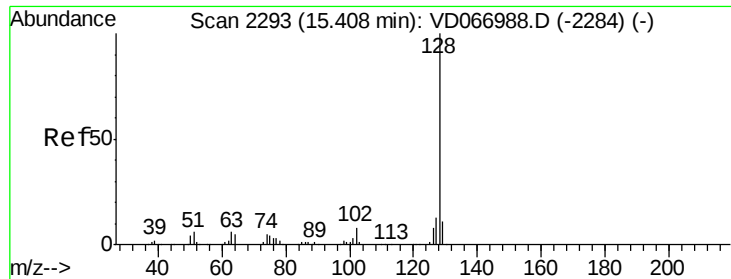
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067038.D
Acq: 02 Oct 2020 16:26

Tgt Ion:152 Resp: 334439
Ion Ratio Lower Upper
152 100
115 59.0 29.6 88.8
150 157.1 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

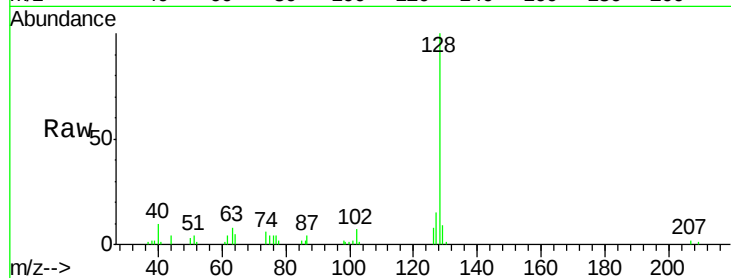




#95
 Naphthalene
 Concen: 4.046 ug/l
 RT: 15.41 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: VD067038.D
 Acq: 02 Oct 2020 16:26

Instrument :
 MSVOA_D
 ClientSampleId :
 B-17(5-7)

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.3	15.5
129	10.9	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

