

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067023.D
 Acq On : 02 Oct 2020 06:33
 Operator : VA/SY
 Sample : L4213-06
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-16(7-9)

Quant Time: Oct 02 07:01:00 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

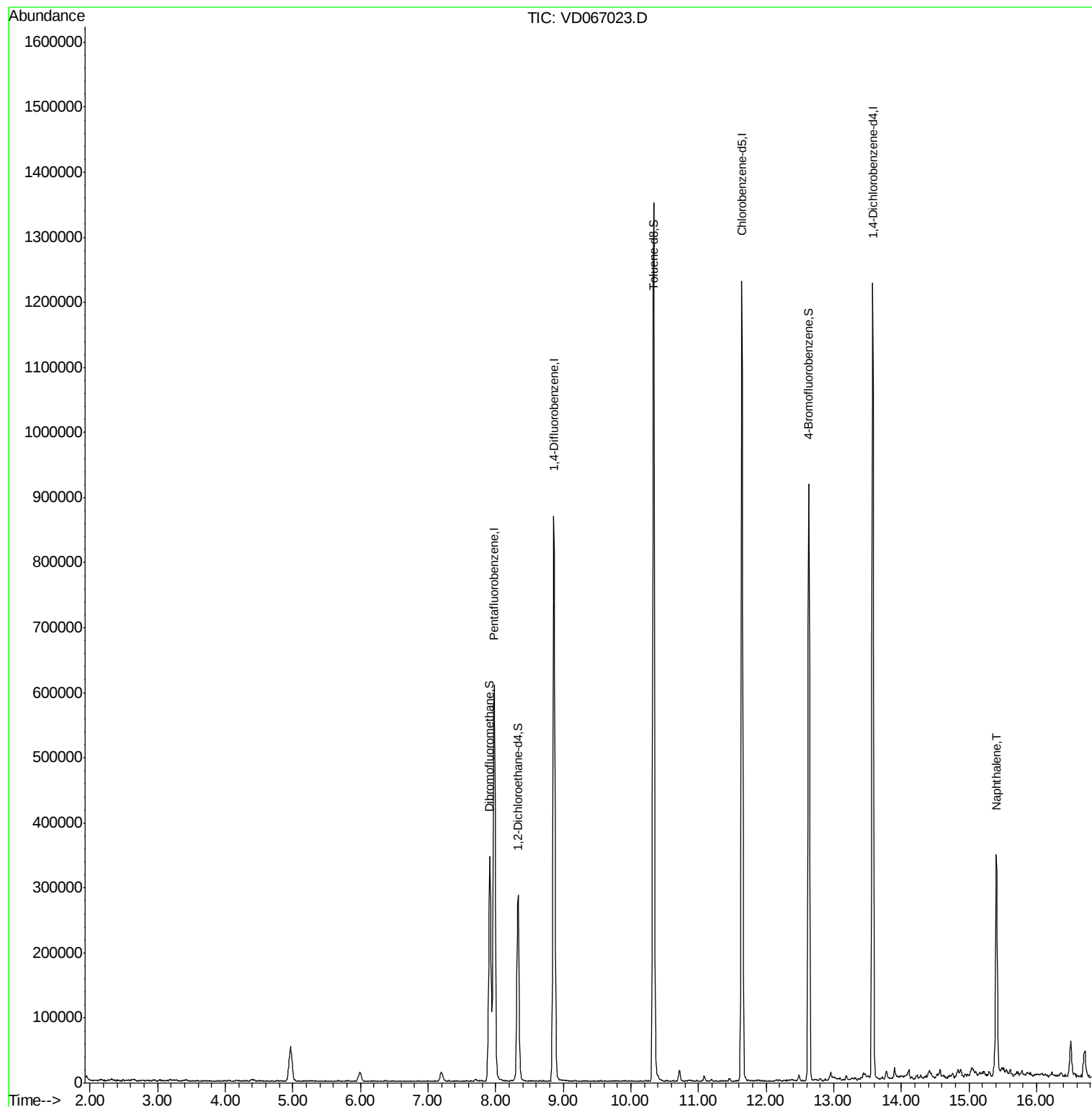
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	453476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	771909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	712070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	330586	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	230841	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
35) Dibromofluoromethane	7.91	113	252544	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
50) Toluene-d8	10.34	98	914053	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.63	95	297000	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
Target Compounds						
95) Naphthalene	15.41	128	296005	29.756	ug/l	Qvalue 99

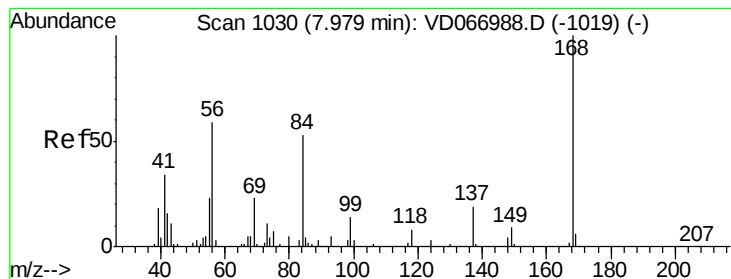
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067023.D

Acq: 02 Oct 2020 06:33

Instrument :

MSVOA_D

ClientSampleId :

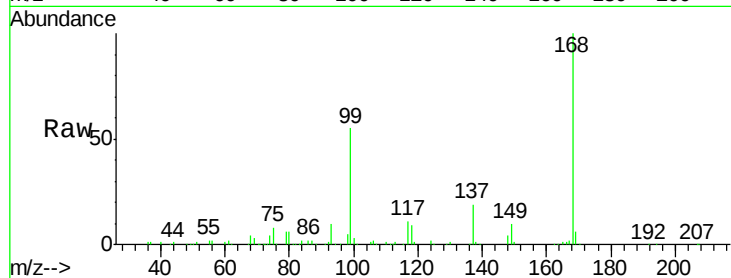
B-16(7-9)

Tot Ion:168 Resp: 453476

Ion Ratio Lower Upper

168 100

99 55.0 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

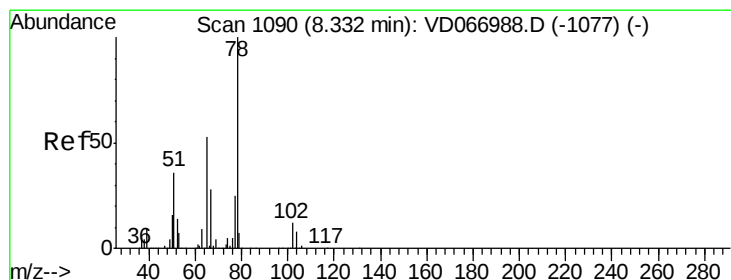
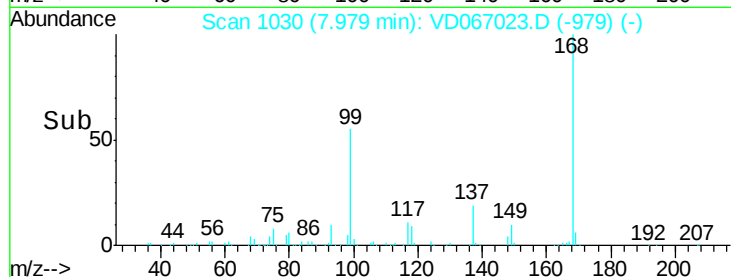
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.850 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD067023.D

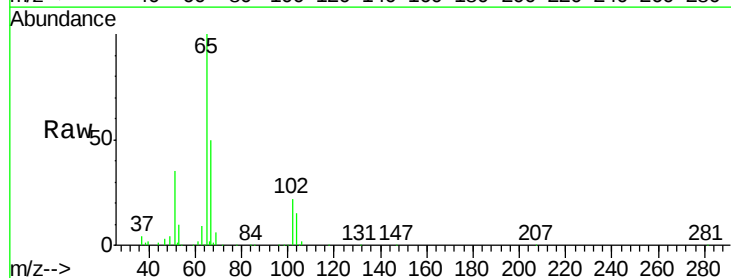
Acq: 02 Oct 2020 06:33

Tgt Ion: 65 Resp: 230841

Ion Ratio Lower Upper

65 100

67 51.8 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

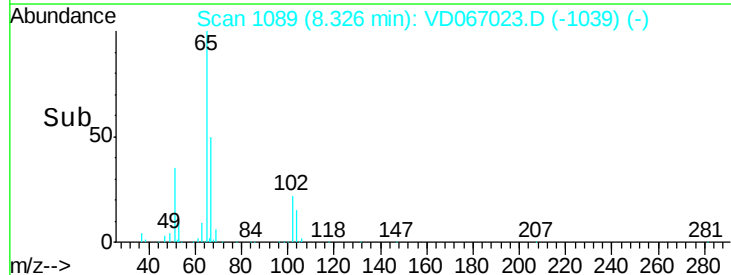
60000

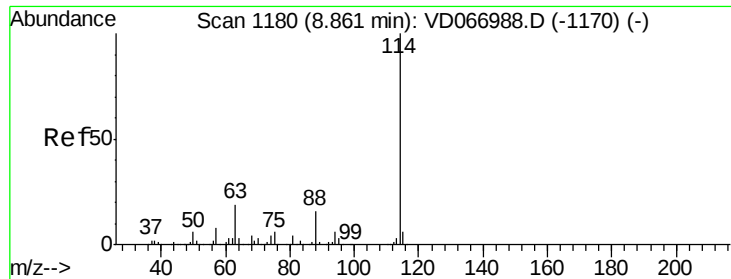
40000

20000

0

Time-->

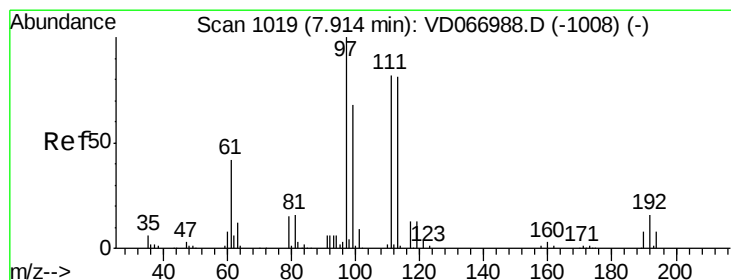
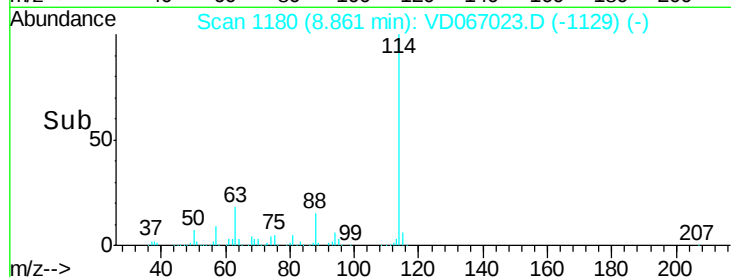
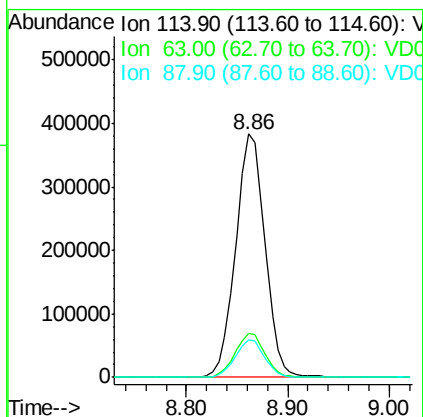
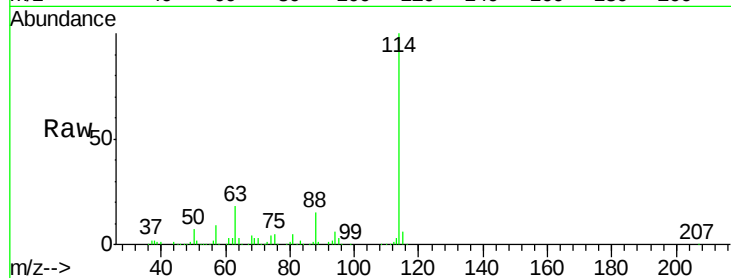




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067023.D
 Acq: 02 Oct 2020 06:33

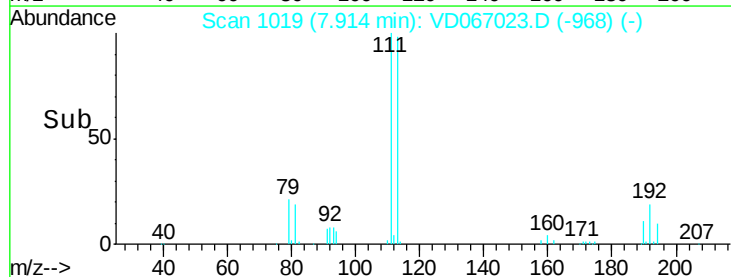
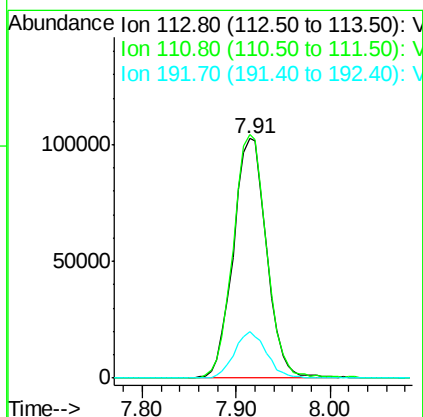
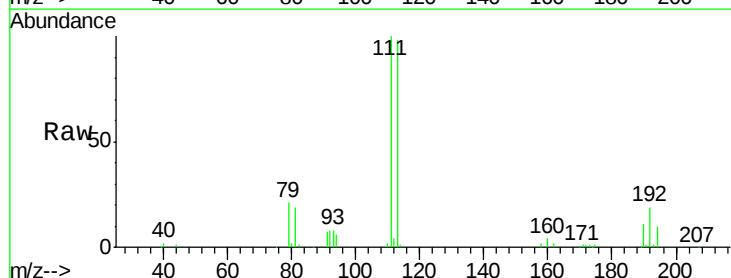
Instrument :
 MSVOA_D
 ClientSampled :
 B-16(7-9)

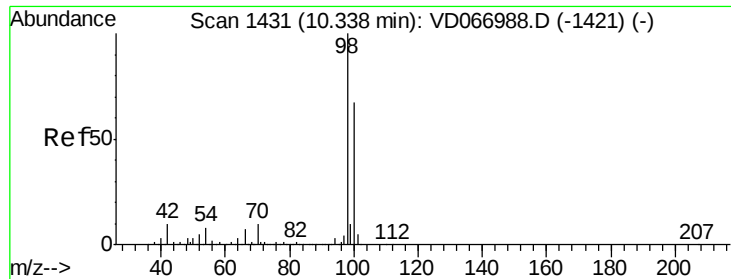
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	38.4
88	15.2	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 49.974 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067023.D
 Acq: 02 Oct 2020 06:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.0	124.4
192	18.6	15.5	23.3





#50

Toluene-d8

Concen: 49.638 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067023.D

Acq: 02 Oct 2020 06:33

Instrument :

MSVOA_D

ClientSampled :

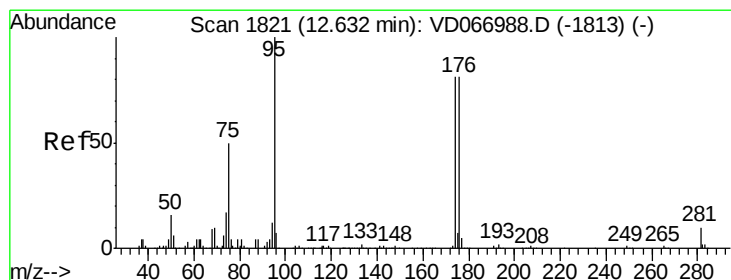
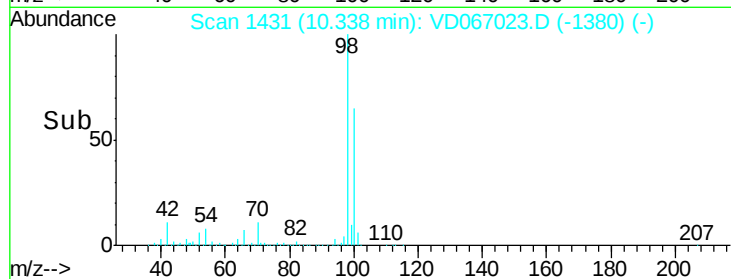
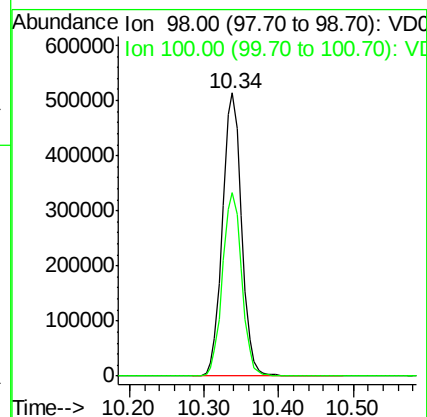
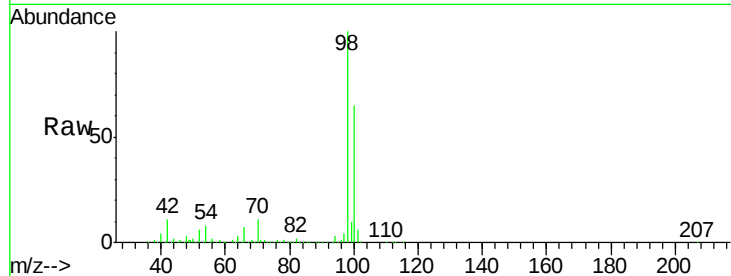
B-16(7-9)

Tot Ion: 98 Resp: 914053

Ion Ratio Lower Upper

98 100

100 65.4 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 47.510 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD067023.D

Acq: 02 Oct 2020 06:33

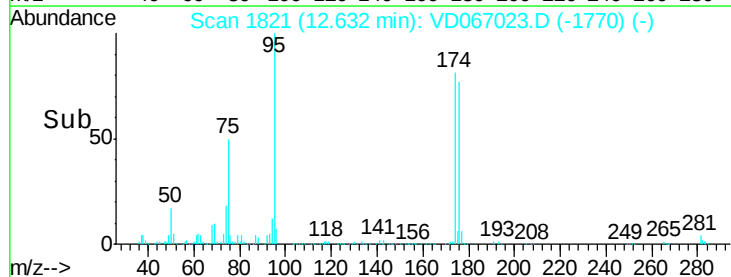
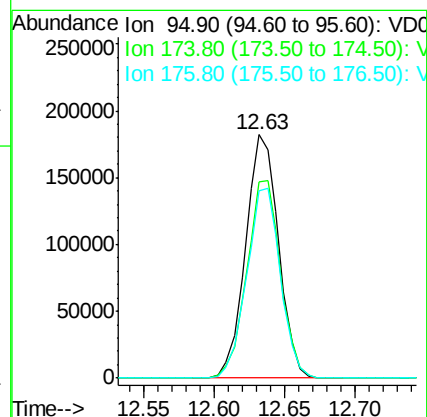
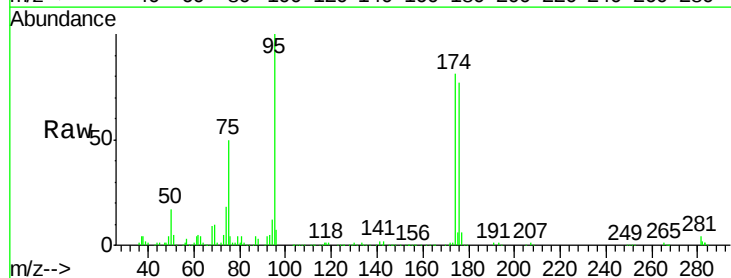
Tgt Ion: 95 Resp: 297000

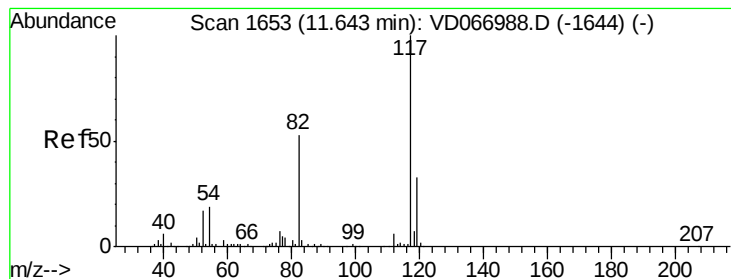
Ion Ratio Lower Upper

95 100

174 83.2 0.0 167.6

176 80.0 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: VD067023.D

Acq: 02 Oct 2020 06:33

Instrument :

MSVOA_D

ClientSampled :

B-16(7-9)

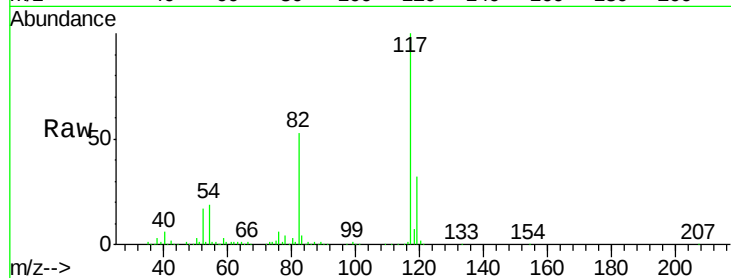
Tot Ion:117 Resp: 712070

Ion Ratio Lower Upper

117 100

82 53.3 42.6 63.8

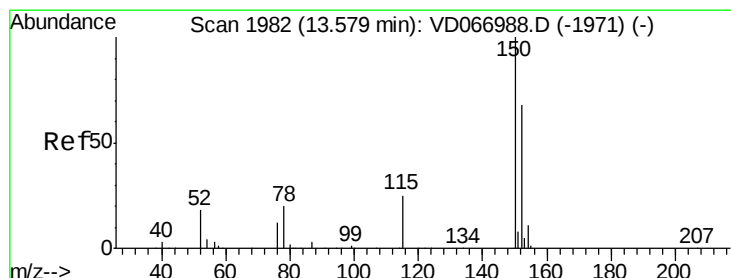
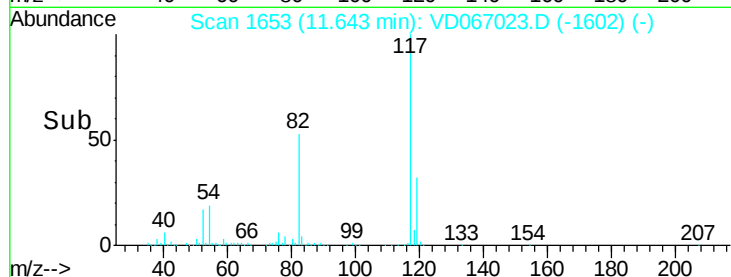
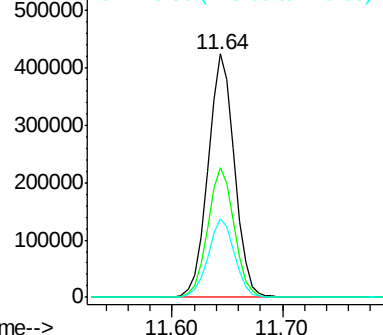
119 32.3 26.3 39.5



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: VD067023.D

Acq: 02 Oct 2020 06:33

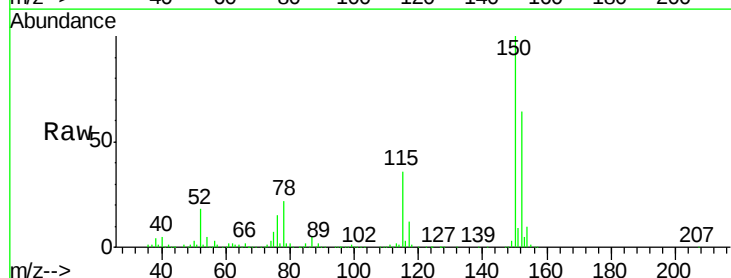
Tgt Ion:152 Resp: 330586

Ion Ratio Lower Upper

152 100

115 59.2 29.6 88.8

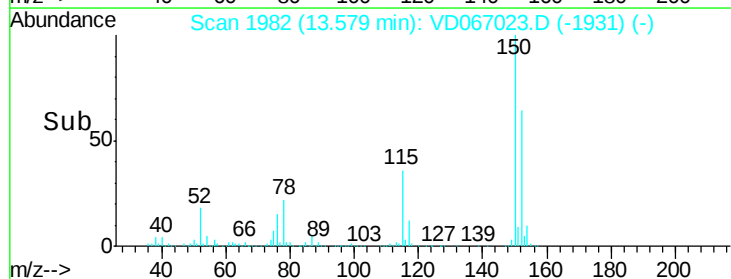
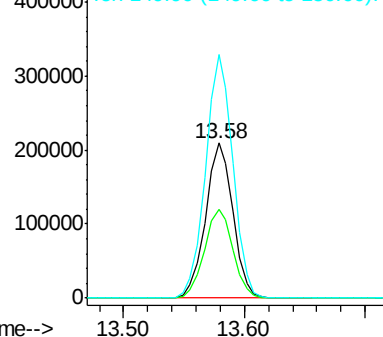
150 156.6 0.0 344.8

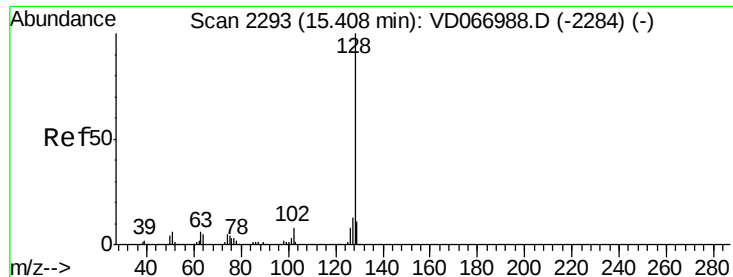


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 29.756 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD067023.D

Acq: 02 Oct 2020 06:33

Instrument :

MSVOA_D

ClientSampleId :

B-16(7-9)

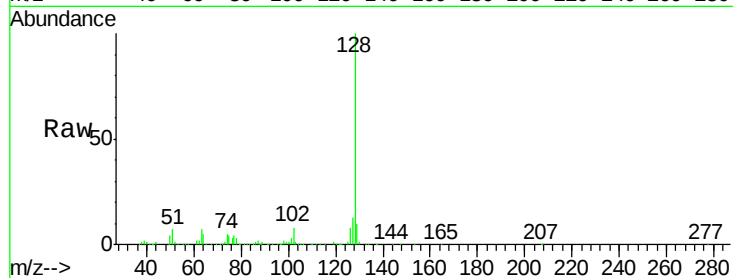
Tot Ion:128 Resp: 296005

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.1 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

