

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070120\
 Data File : VD065910.D
 Acq On : 01 Jul 2020 17:09
 Operator : VA/SY
 Sample : L3172-09
 Misc : 5.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-TS

Quant Time: Jul 02 08:18:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

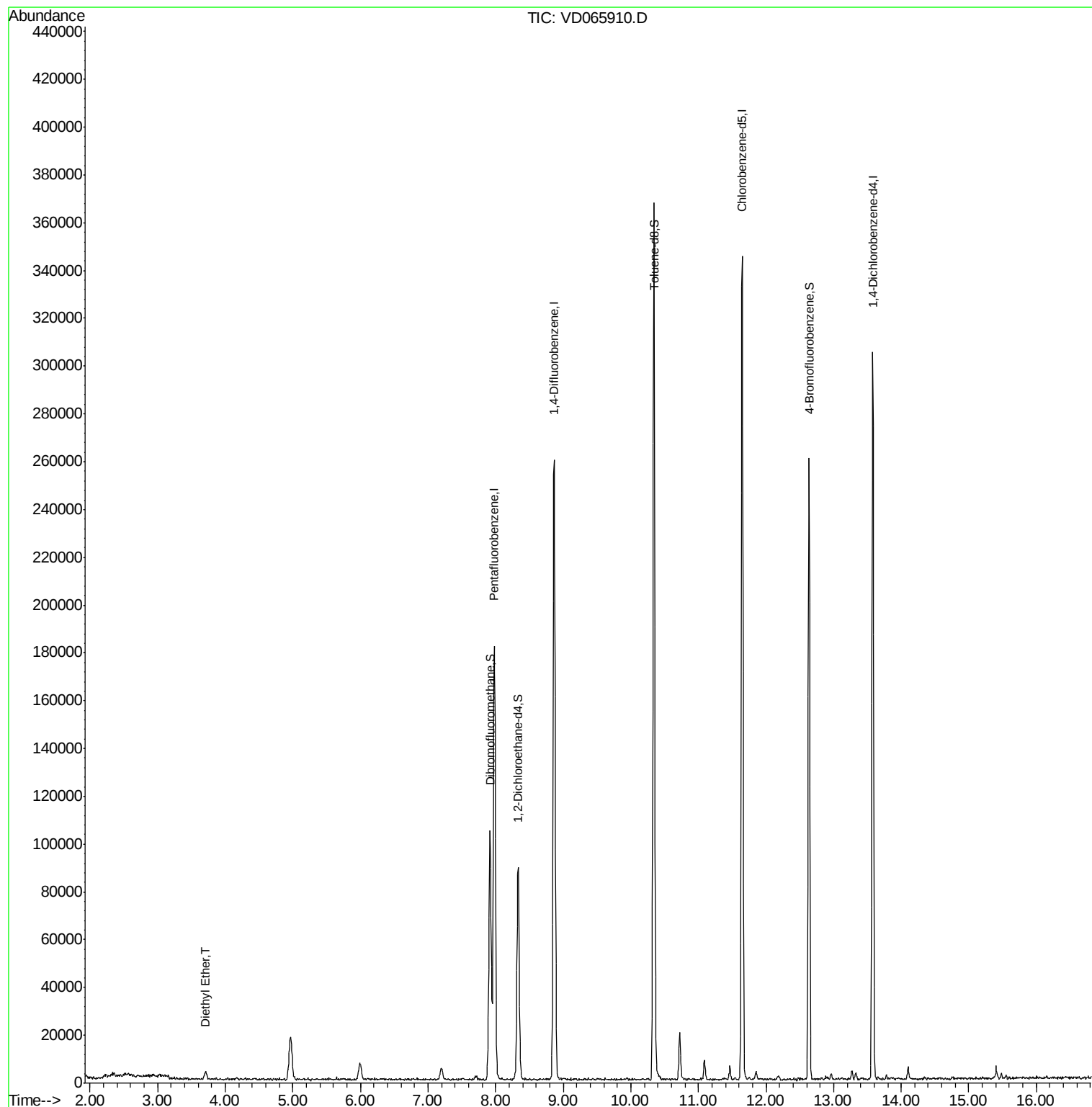
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	128711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	221138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	191659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	77857	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	74596	55.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.58%	
35) Dibromofluoromethane	7.92	113	74531	54.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.06%	
50) Toluene-d8	10.34	98	250502	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.64	95	72164	42.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.68%	
Target Compounds						
8) Diethyl Ether	3.71	74	1552	2.468	ug/l	Qvalue 82

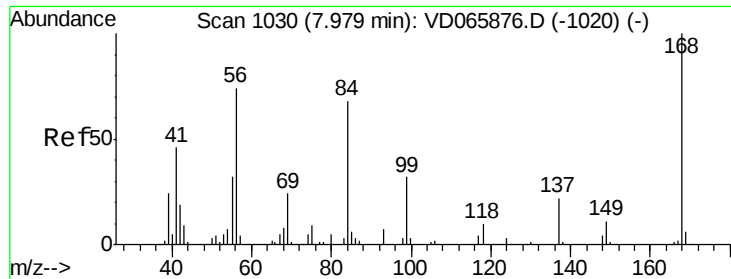
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065910.D

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MSVOA_D

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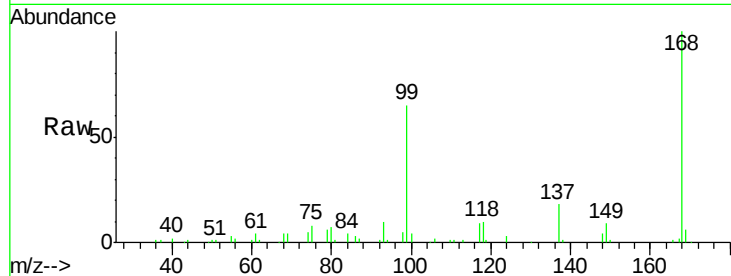
TP1-TS

Tot Ion:168 Resp: 128711

Ion Ratio Lower Upper

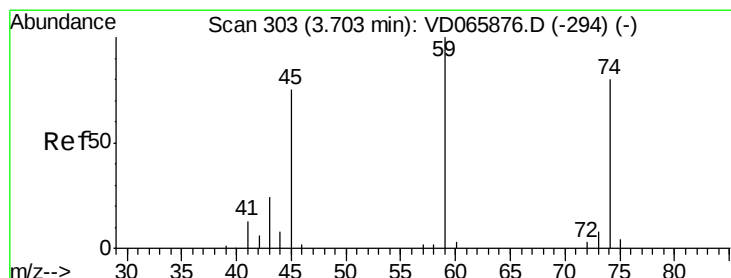
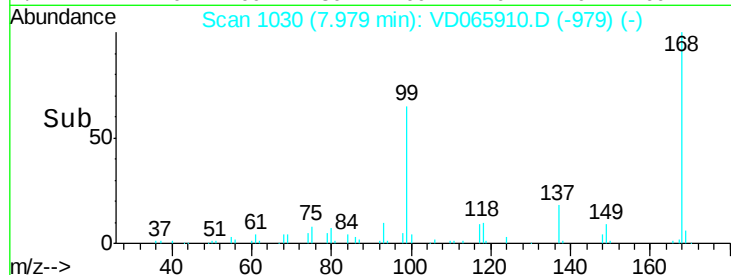
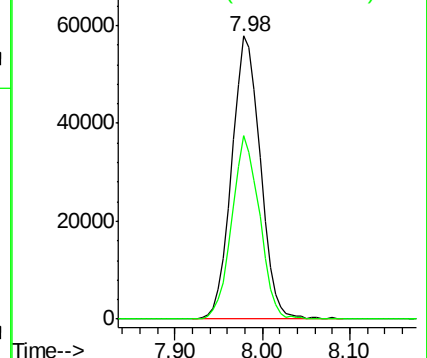
168 100

99 64.8 51.3 76.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#8

Diethyl Ether

Concen: 2.468 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.01 min

Lab File: VD065910.D

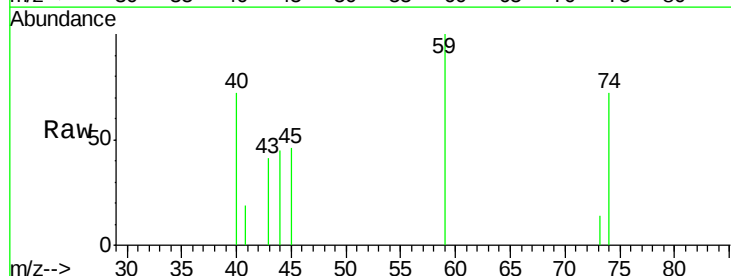
Acq: 01 Jul 2020 17:09

Tgt Ion: 74 Resp: 1552

Ion Ratio Lower Upper

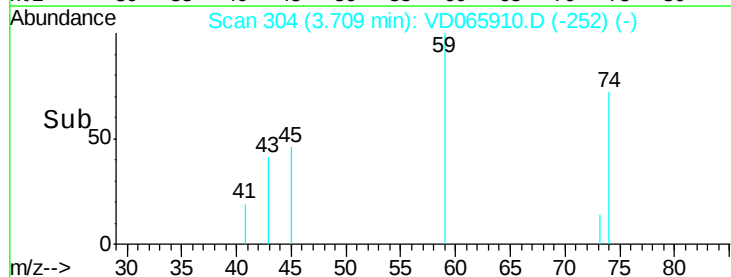
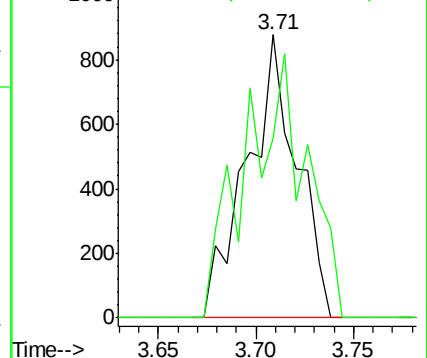
74 100

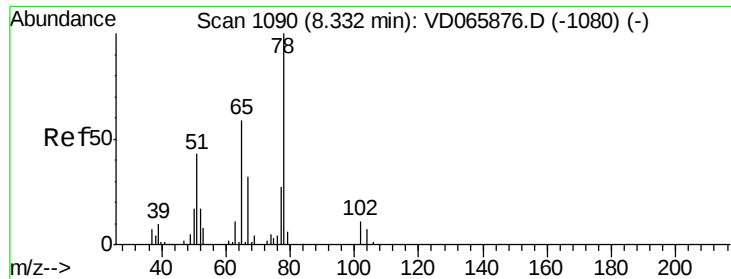
45 114.8 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

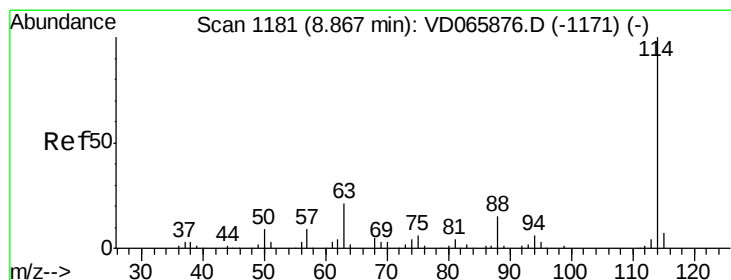
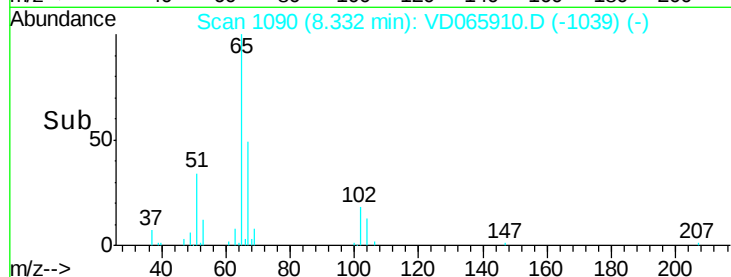
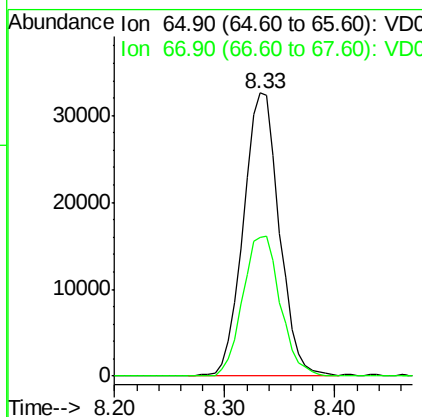
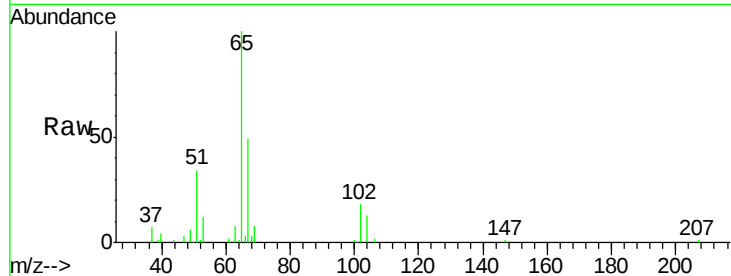




#33
 1,2-Dichloroethane-d4
 Concen: 55.786 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065910.D
 Acq: 01 Jul 2020 17:09

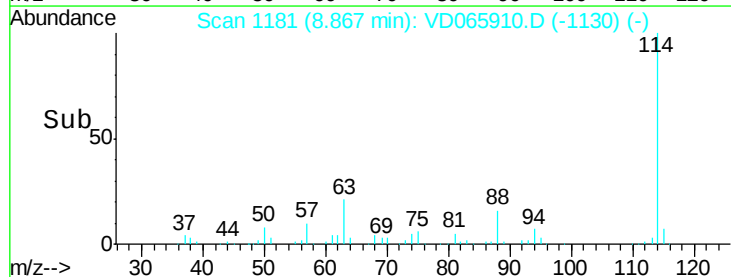
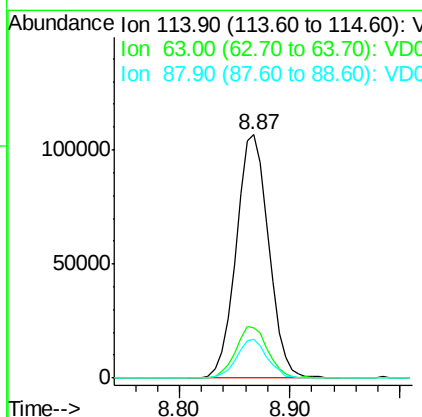
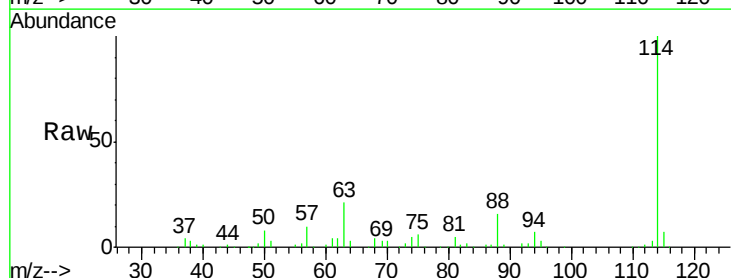
Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-TS

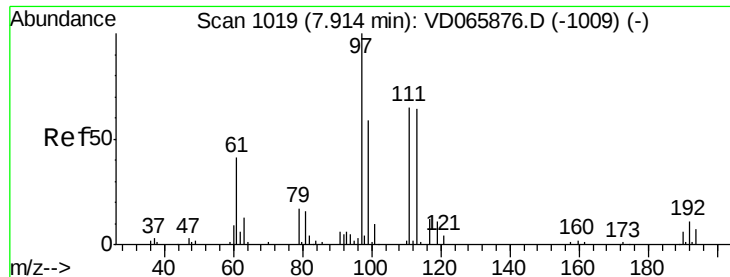
Tot Ion: 65 Resp: 74596
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065910.D
 Acq: 01 Jul 2020 17:09

Tgt Ion: 114 Resp: 221138
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.6
 88 15.7 0.0 29.0

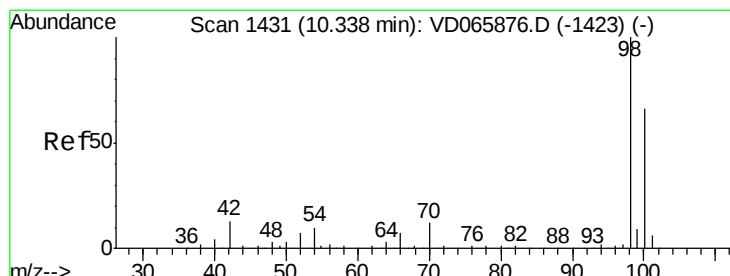
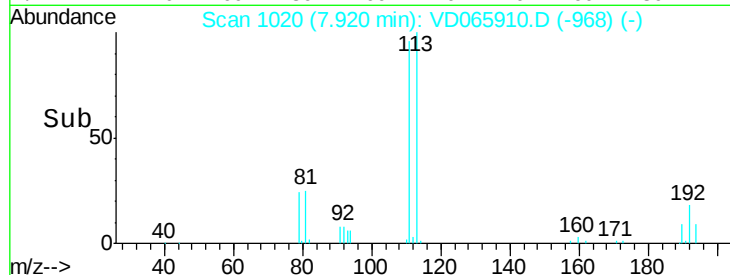
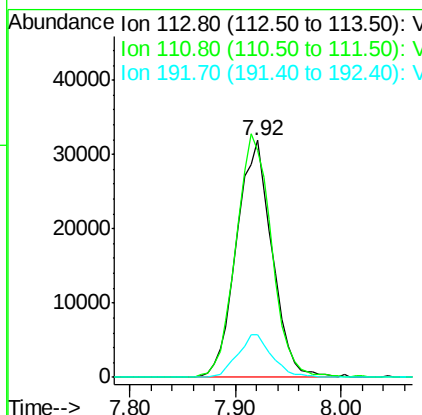
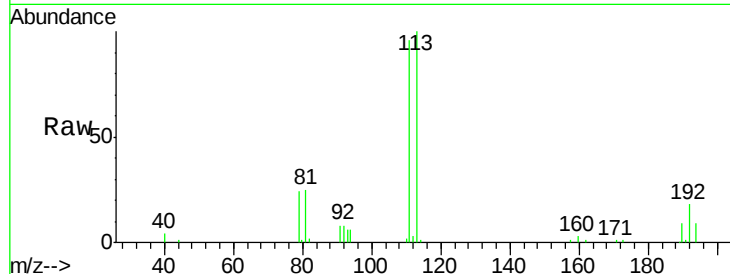




#35
Dibromofluoromethane
Concen: 54.527 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD065910.D
Acq: 01 Jul 2020 17:09

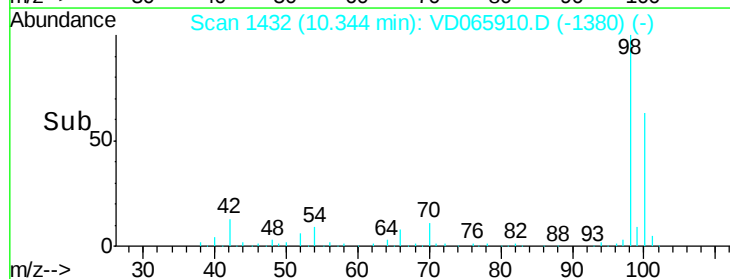
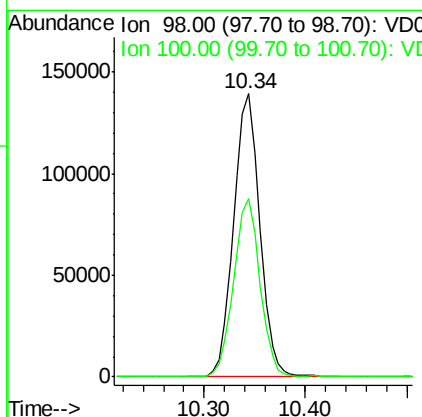
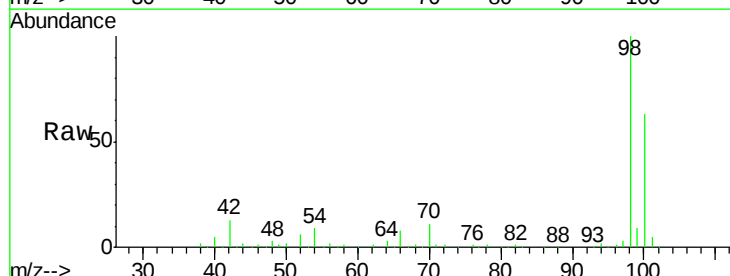
Instrument :
MSVOA_D
ClientSampleId :
TP1-TS

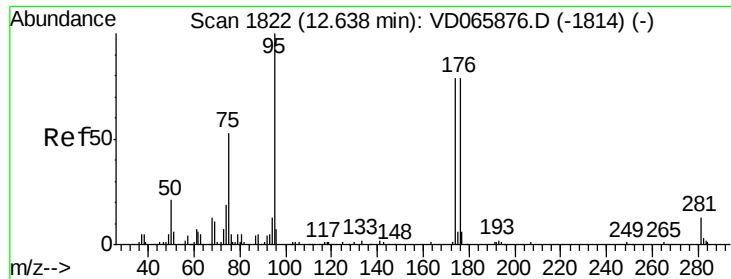
Tot Ion:113 Resp: 74531
Ion Ratio Lower Upper
113 100
111 102.7 81.0 121.6
192 17.3 15.2 22.8



#50
Toluene-d8
Concen: 48.720 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD065910.D
Acq: 01 Jul 2020 17:09

Tgt Ion: 98 Resp: 250502
Ion Ratio Lower Upper
98 100
100 63.0 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 42.842 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065910.D

Acq: 01 Jul 2020 17:09

Instrument :

MSVOA_D

ClientSampleId :

TP1-TS

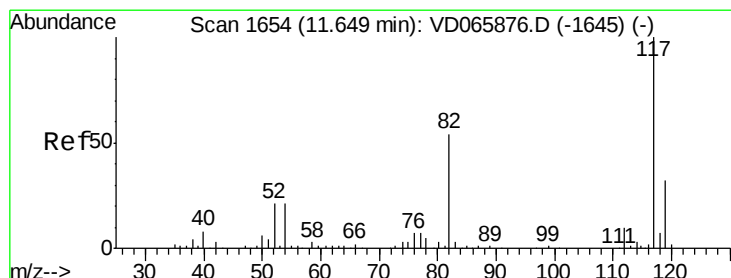
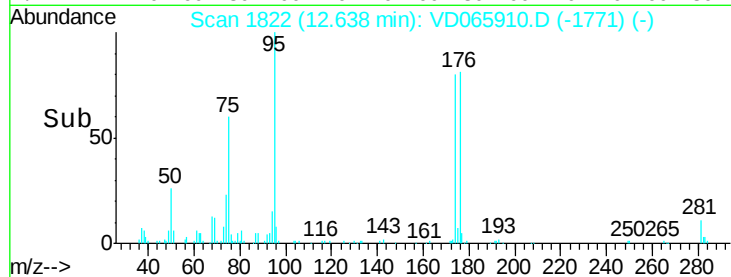
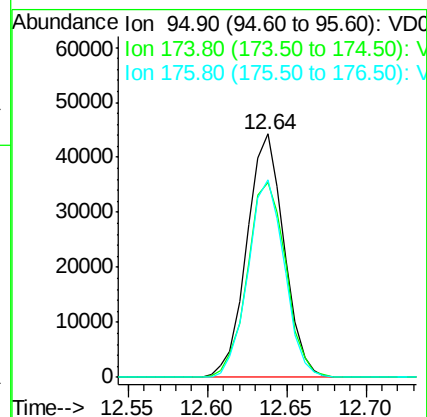
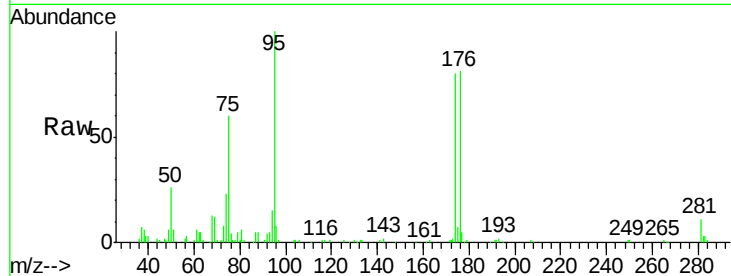
Tot Ion: 95 Resp: 72164

Ion Ratio Lower Upper

95 100

174 82.8 0.0 158.4

176 79.6 0.0 156.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD065910.D

Acq: 01 Jul 2020 17:09

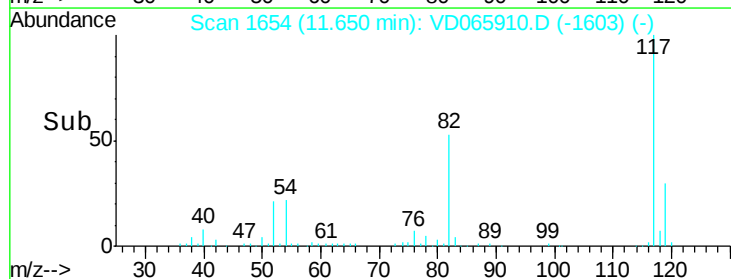
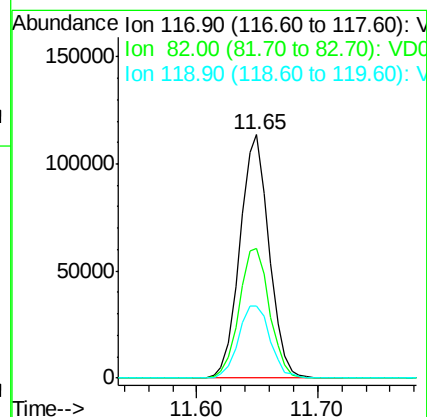
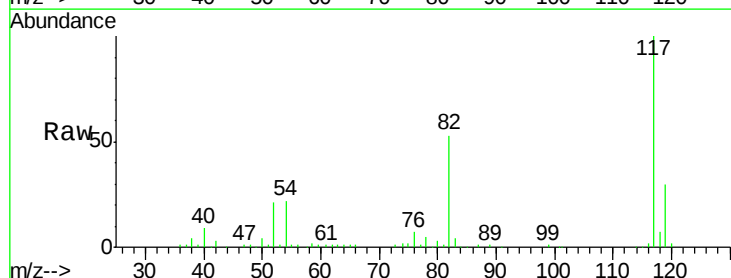
Tgt Ion: 117 Resp: 191659

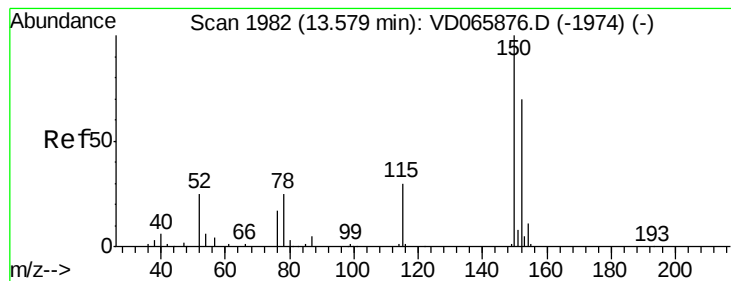
Ion Ratio Lower Upper

117 100

82 53.1 43.6 65.4

119 29.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD065910.D

Acq: 01 Jul 2020 17:09

Instrument :

MSVOA_D

ClientSampleId :

TP1-TS

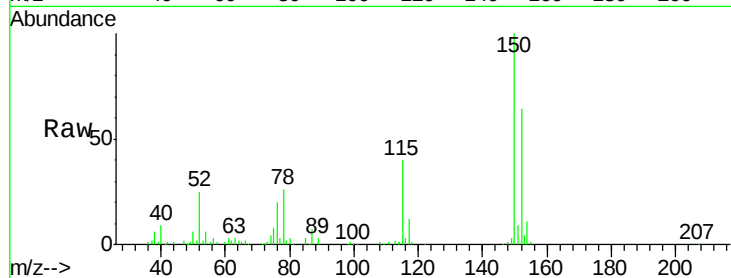
Tot Ion:152 Resp: 77857

Ion Ratio Lower Upper

152 100

115 59.7 29.7 89.1

150 153.8 0.0 346.2



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

