

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072420\
 Data File : VD066051.D
 Acq On : 24 Jul 2020 17:01
 Operator : VA/SY
 Sample : L3409-01
 Misc : 5.55G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 354

Quant Time: Jul 25 00:43:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	307139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	475740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	514161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	279365	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	124615	49.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.72%	
35) Dibromofluoromethane	7.92	113	146508	50.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.54%	
50) Toluene-d8	10.34	98	580798	54.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.06%	
62) 4-Bromofluorobenzene	12.64	95	244969	65.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	131.44%	

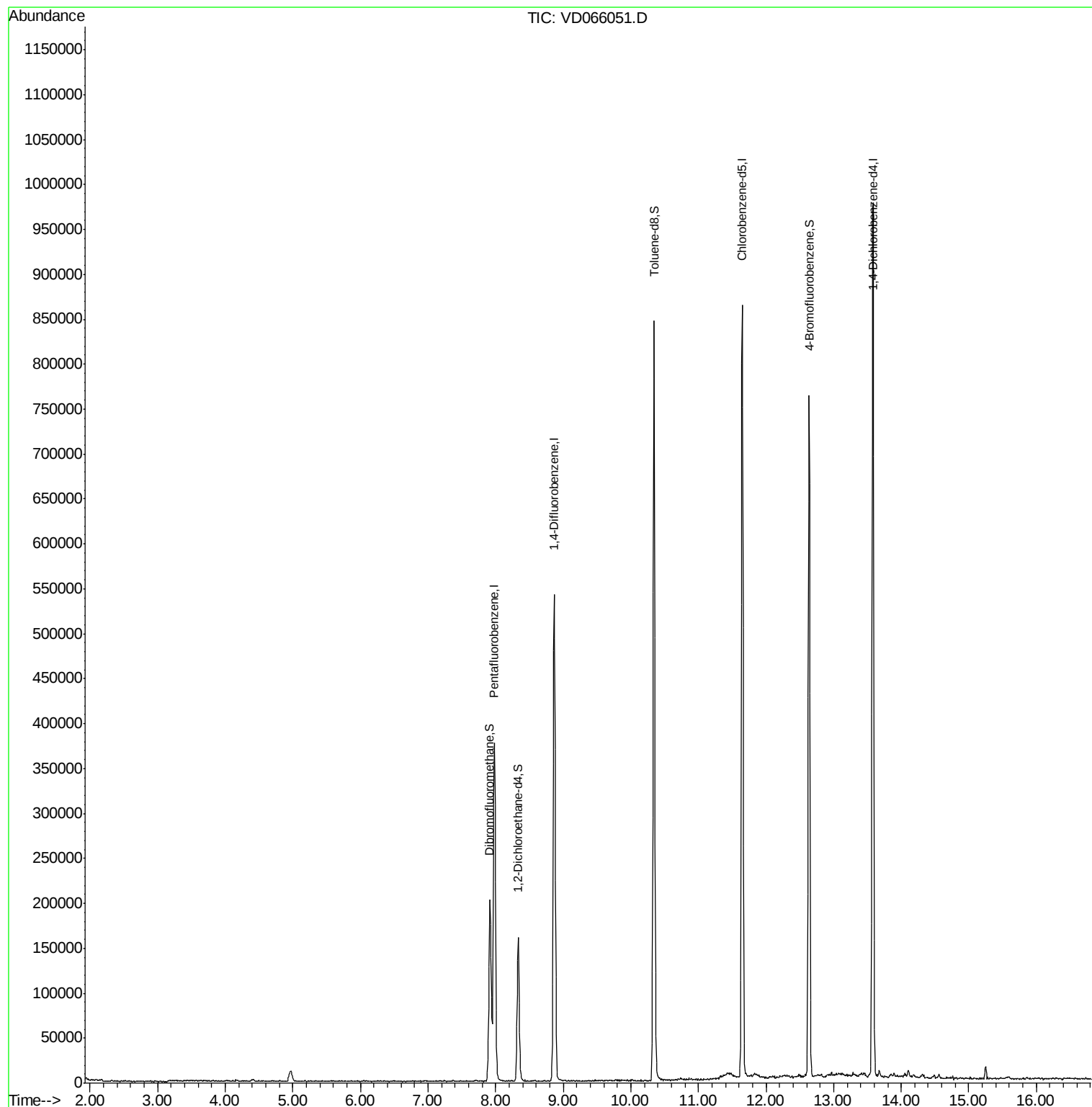
Target Compounds	Qvalue

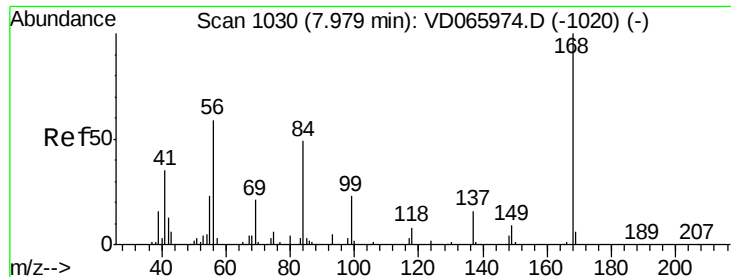
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066051.D

Acq: 24 Jul 2020 17:01

Instrument :

MSVOA_D

ClientSampleId :

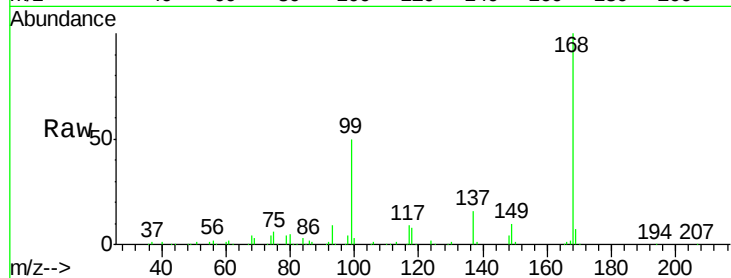
354

Tot Ion:168 Resp: 307139

Ion Ratio Lower Upper

168 100

99 49.9 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

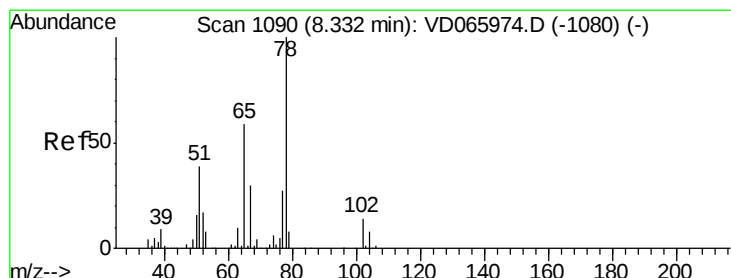
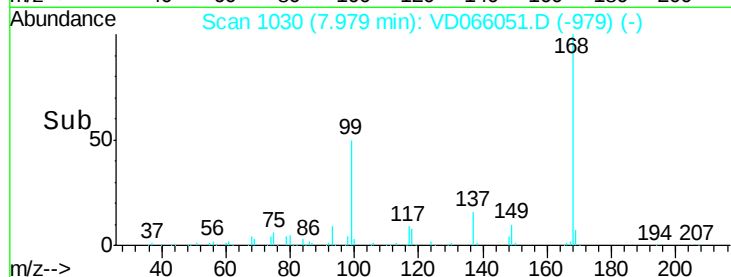
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.863 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066051.D

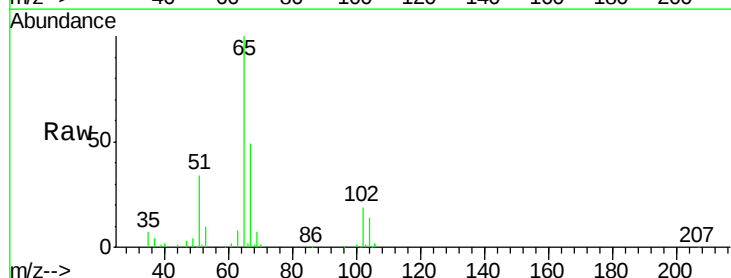
Acq: 24 Jul 2020 17:01

Tgt Ion: 65 Resp: 124615

Ion Ratio Lower Upper

65 100

67 51.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

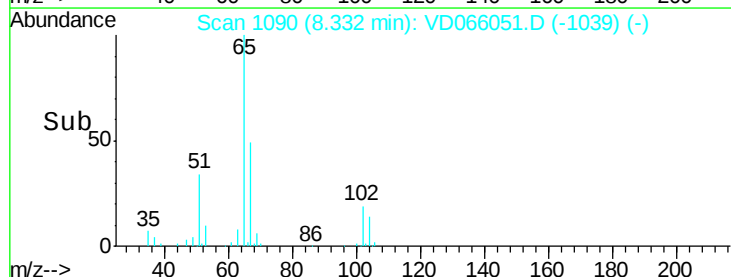
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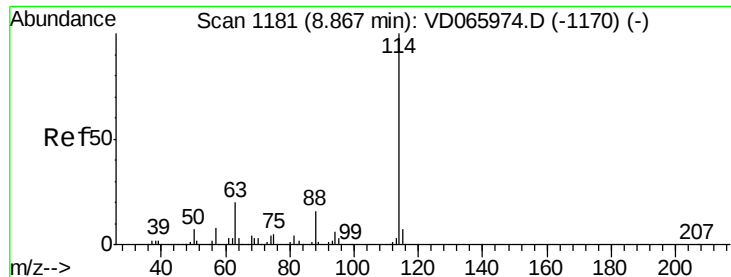
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20000

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Time-->

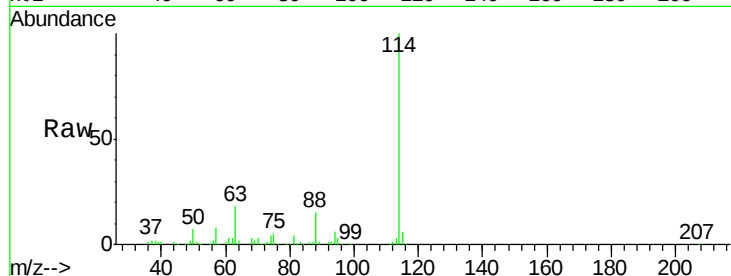




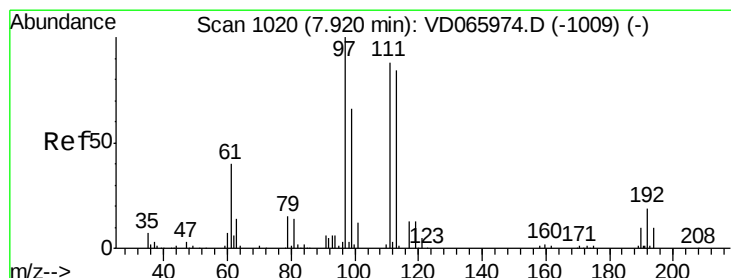
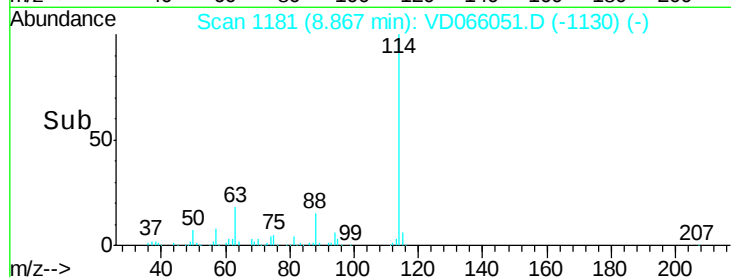
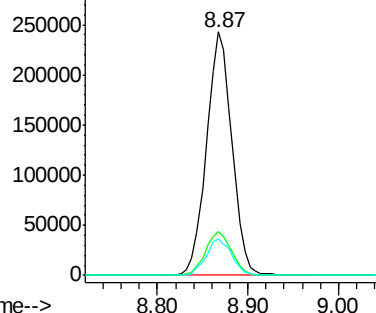
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD066051.D
 Acq: 24 Jul 2020 17:01

Instrument :
 MSVOA_D
 ClientSampleId :
 354

Tot Ion:114 Resp: 475740
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.6
 88 14.8 0.0 31.2

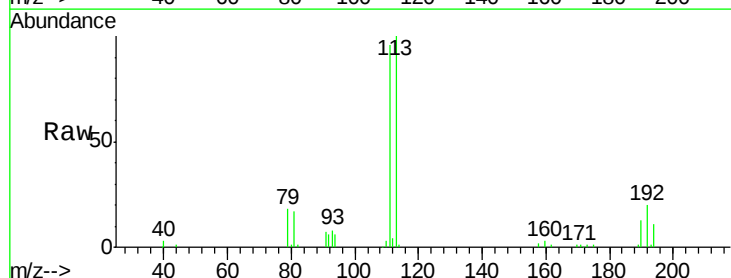


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

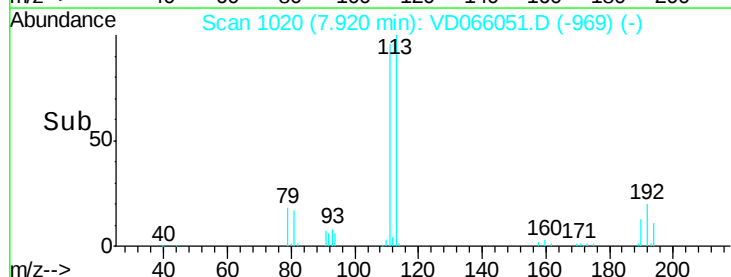
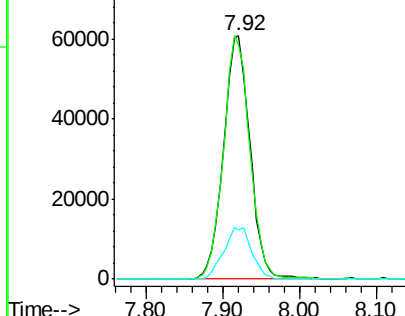


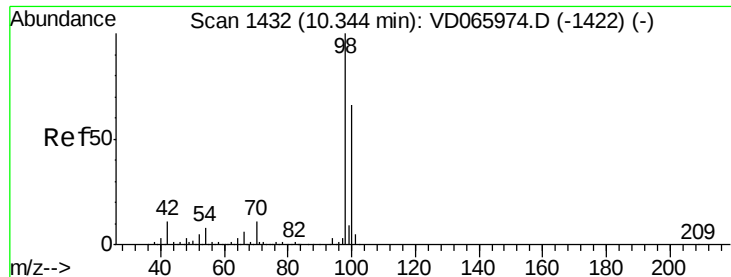
#35
 Dibromofluoromethane
 Concen: 50.774 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD066051.D
 Acq: 24 Jul 2020 17:01

Tgt Ion:113 Resp: 146508
 Ion Ratio Lower Upper
 113 100
 111 99.3 83.2 124.8
 192 22.2 18.7 28.1



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: 54.031 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD066051.D

Acq: 24 Jul 2020 17:01

Instrument :

MSVOA_D

ClientSampleId :

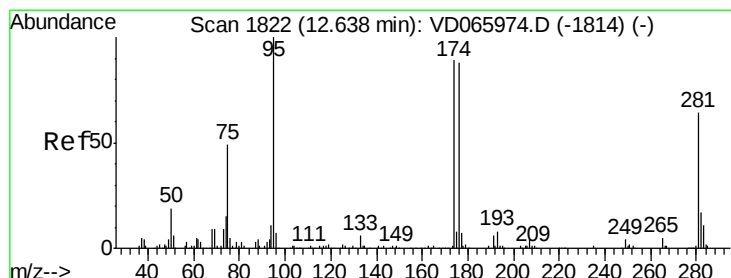
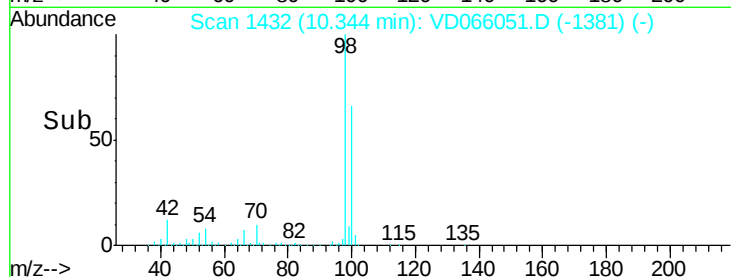
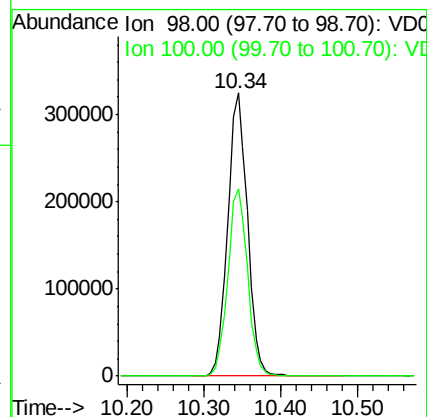
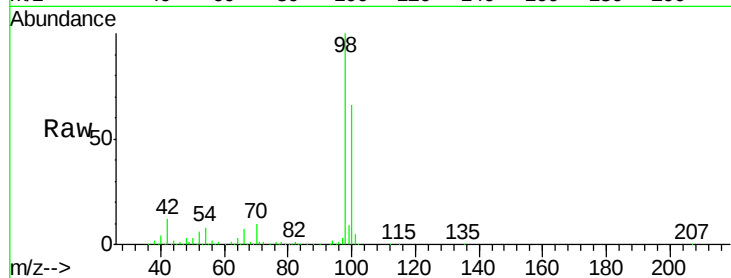
354

Tot Ion: 98 Resp: 580798

Ion Ratio Lower Upper

98 100

100 66.3 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 65.725 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066051.D

Acq: 24 Jul 2020 17:01

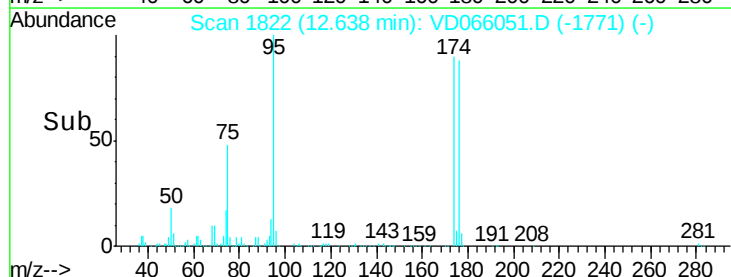
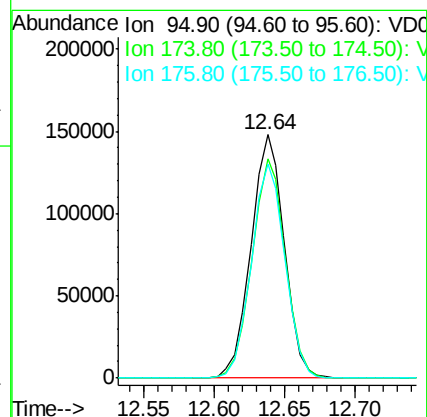
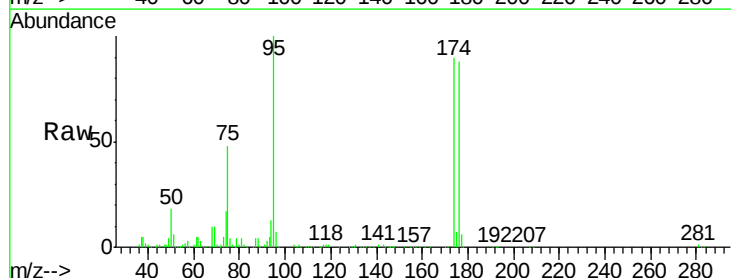
Tgt Ion: 95 Resp: 244969

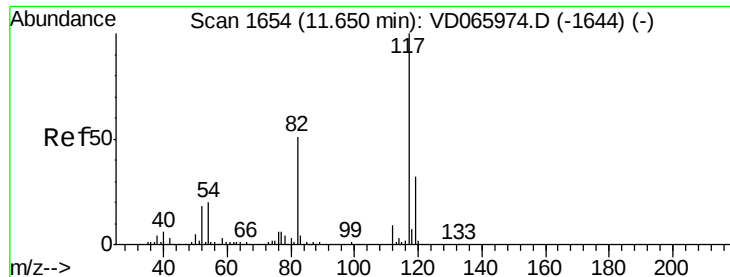
Ion Ratio Lower Upper

95 100

174 90.1 0.0 178.8

176 88.3 0.0 172.6

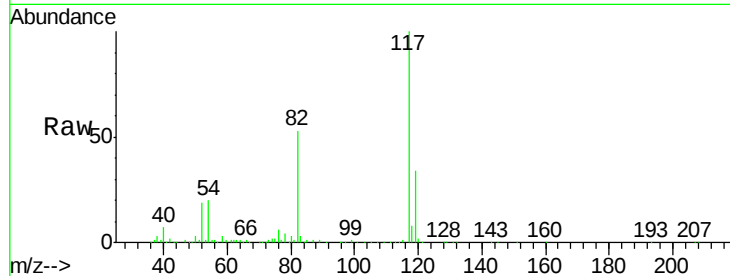




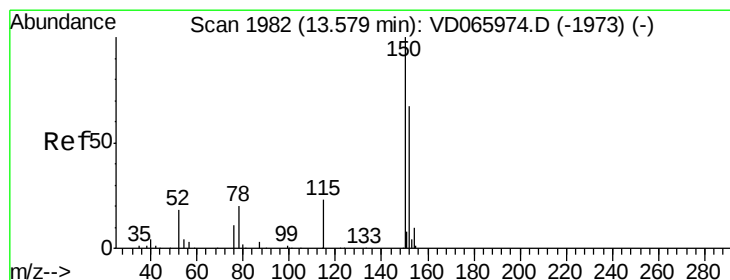
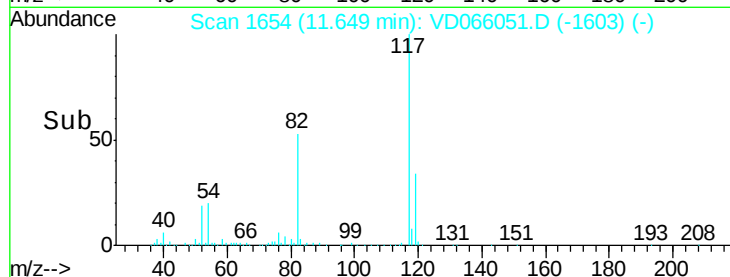
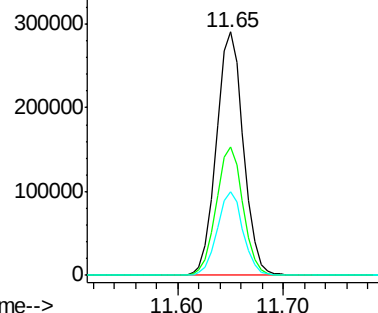
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066051.D
Acq: 24 Jul 2020 17:01

Instrument :
MSVOA_D
ClientSampleId :
354

Tot Ion:117 Resp: 514161
Ion Ratio Lower Upper
117 100
82 52.6 41.1 61.7
119 34.1 25.9 38.9

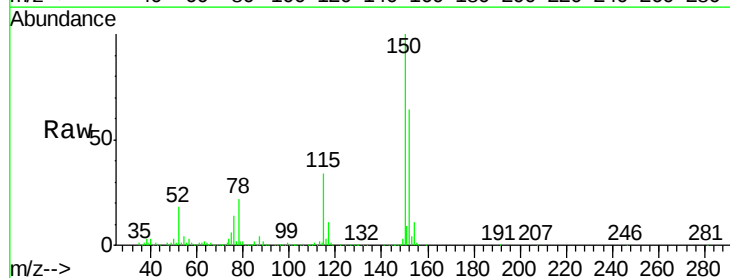


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066051.D
Acq: 24 Jul 2020 17:01

Tgt Ion:152 Resp: 279365
Ion Ratio Lower Upper
152 100
115 54.7 27.9 83.7
150 155.7 0.0 348.2



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

