

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081320\
 Data File : VD066221.D
 Acq On : 13 Aug 2020 20:14
 Operator : VA/SY
 Sample : L3660-03
 Misc : 5.76G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 7211979

Quant Time: Aug 14 04:36:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	308130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	495195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	585274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	343506	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	132251	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
35) Dibromofluoromethane	7.91	113	152897	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
50) Toluene-d8	10.34	98	620398	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	
62) 4-Bromofluorobenzene	12.63	95	296154	70.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.94%	

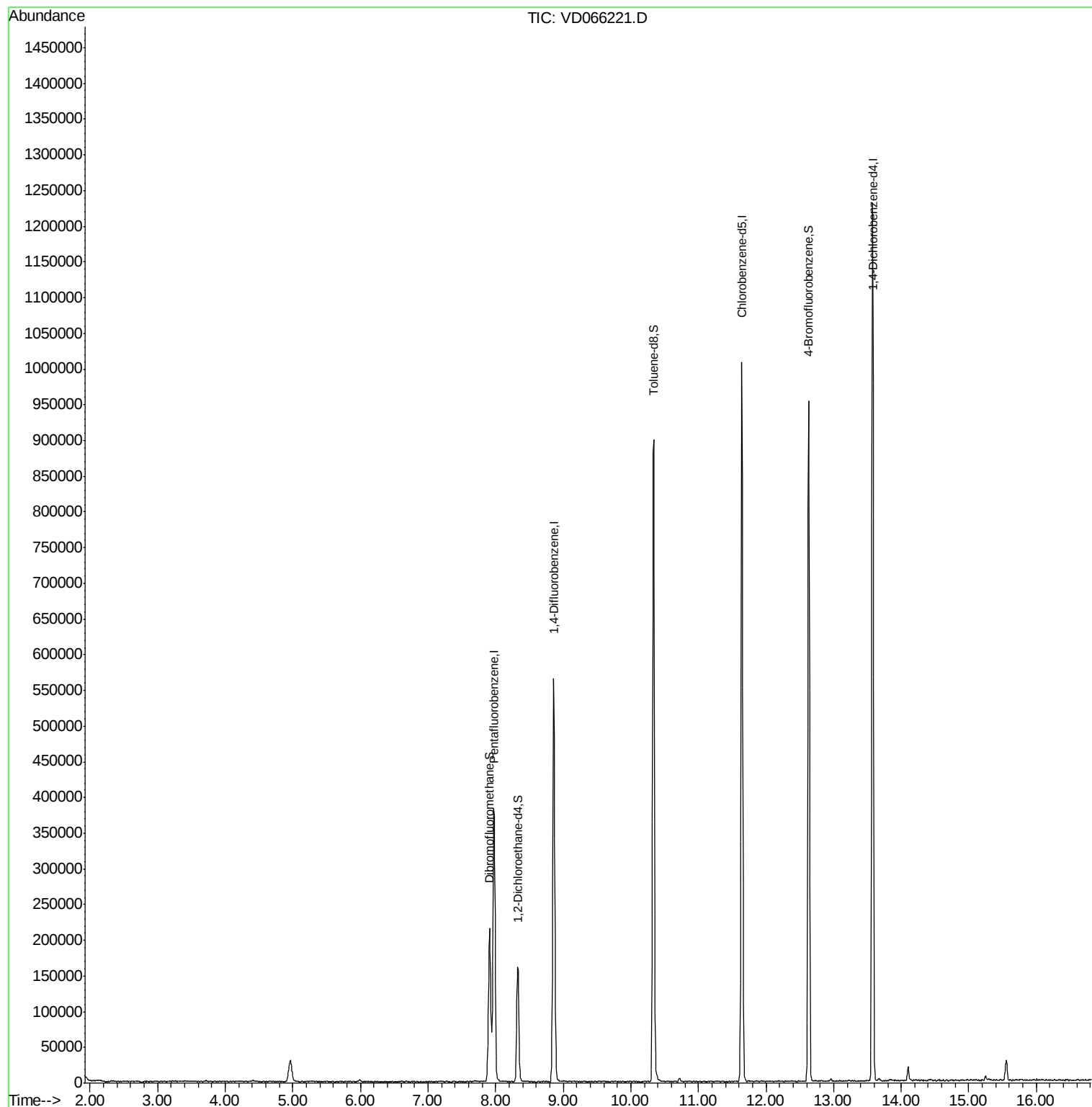
Target Compounds	Qvalue

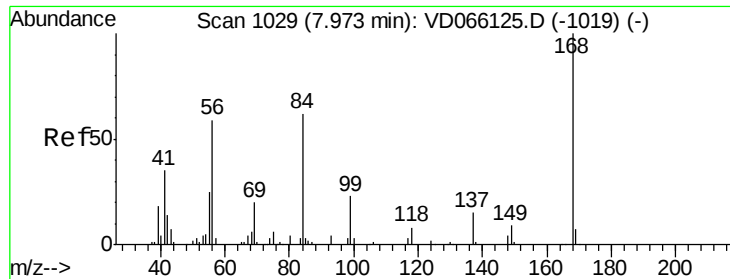
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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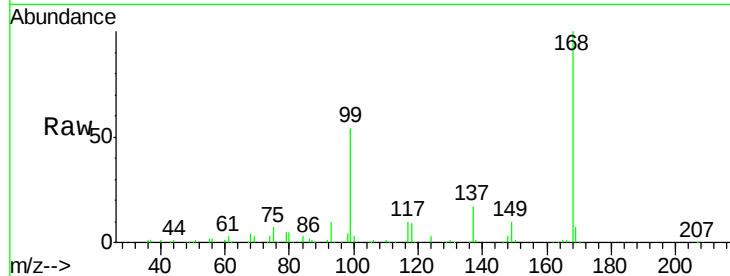




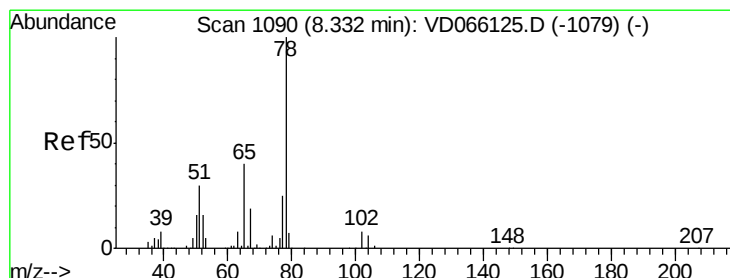
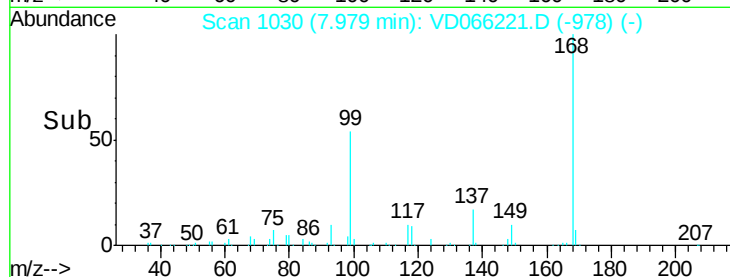
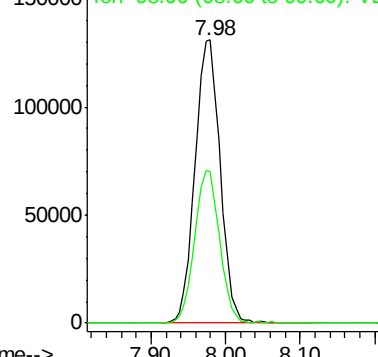
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.01 min
Lab File: VD066221.D
Acq: 13 Aug 2020 20:14

Instrument :
MSVOA_D
ClientSampleId :
7211979

Tot Ion:168 Resp: 308130
Ion Ratio Lower Upper
168 100
99 53.7 42.2 63.4

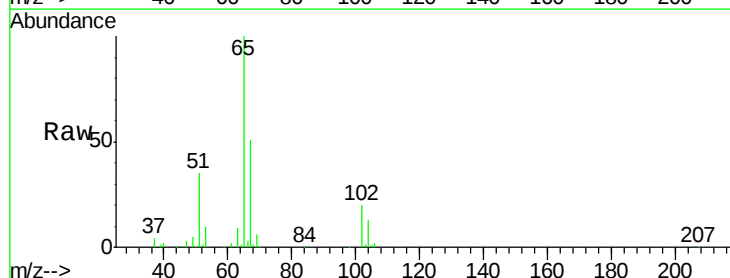


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

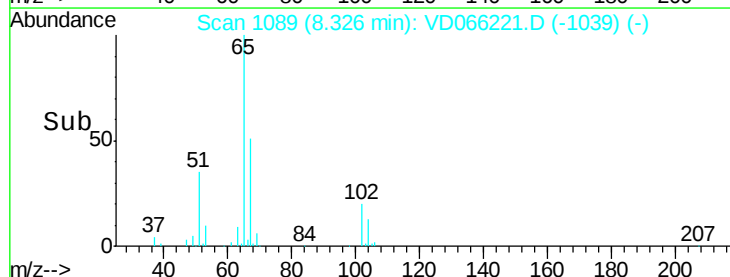
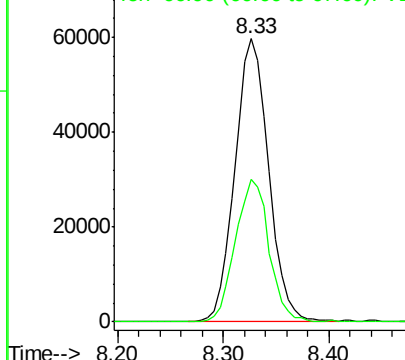


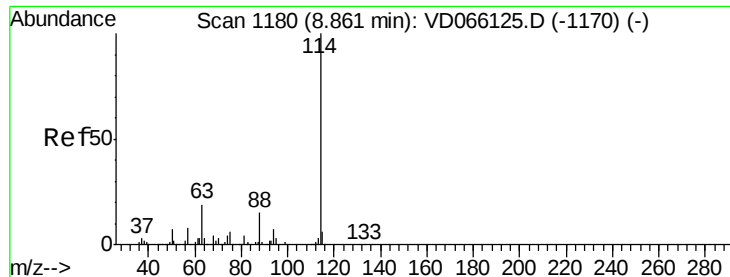
#33
1,2-Dichloroethane-d4
Concen: 48.109 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066221.D
Acq: 13 Aug 2020 20:14

Tgt Ion: 65 Resp: 132251
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066221.D

Acq: 13 Aug 2020 20:14

Instrument :

MSVOA_D

ClientSampleId :

7211979

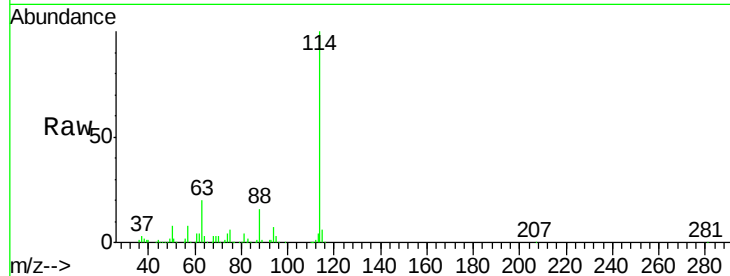
Tot Ion:114 Resp: 495195

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.6

88 15.7 0.0 30.0



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

300000

250000

200000

150000

100000

50000

0

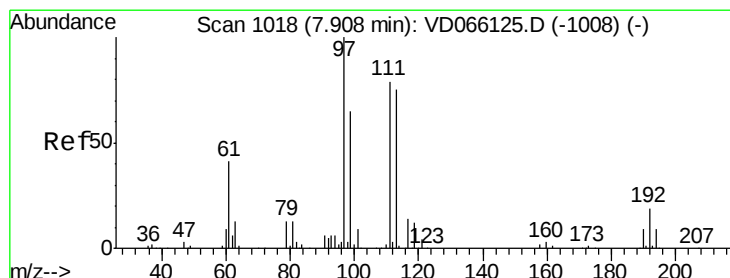
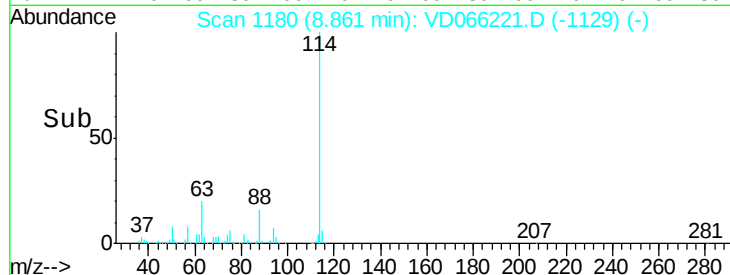
8.86

8.80

8.90

9.00

Time-->



#35

Dibromofluoromethane

Concen: 48.740 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066221.D

Acq: 13 Aug 2020 20:14

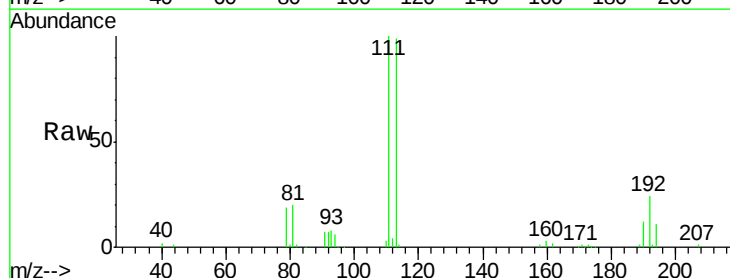
Tgt Ion:113 Resp: 152897

Ion Ratio Lower Upper

113 100

111 102.1 80.7 121.1

192 22.8 18.4 27.6



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

80000

60000

40000

20000

0

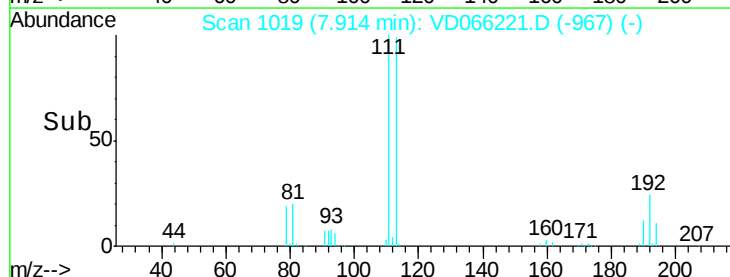
7.91

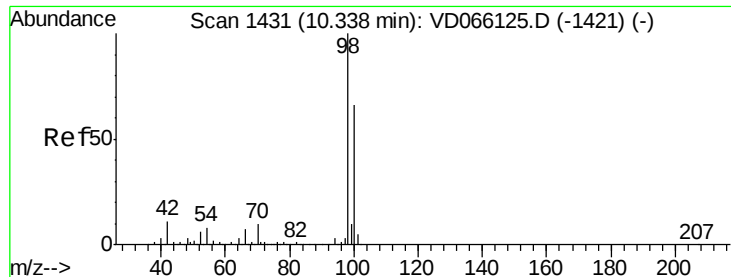
7.80

7.90

8.00

Time-->





#50

Toluene-d8

Concen: 53.592 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066221.D

Acq: 13 Aug 2020 20:14

Instrument :

MSVOA_D

ClientSampleId :

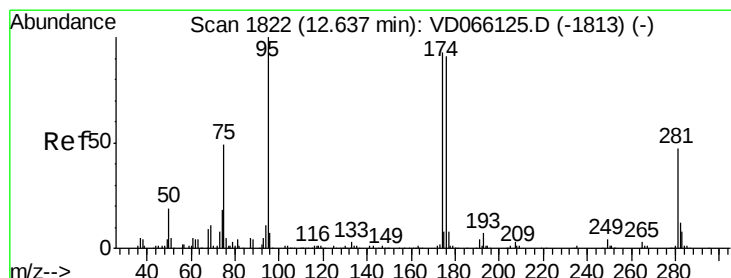
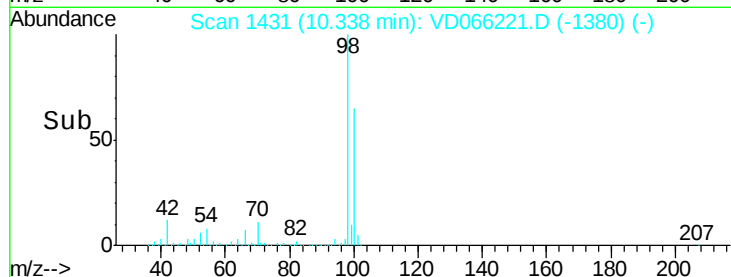
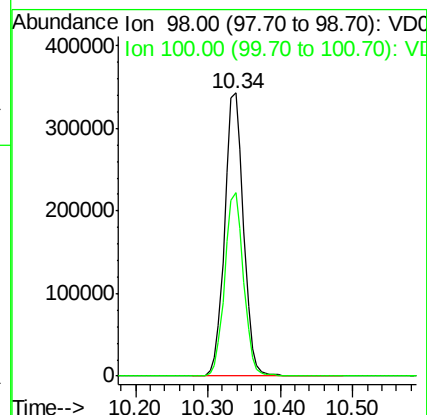
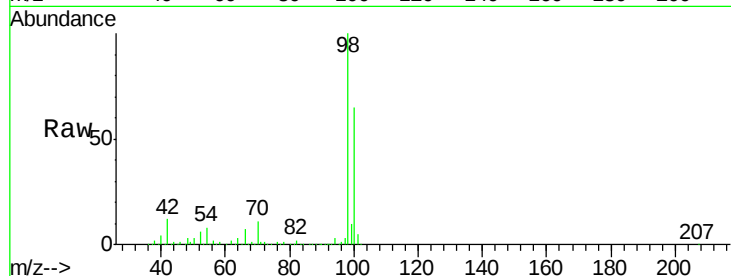
7211979

Tot Ion: 98 Resp: 620398

Ion Ratio Lower Upper

98 100

100 65.0 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 70.972 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066221.D

Acq: 13 Aug 2020 20:14

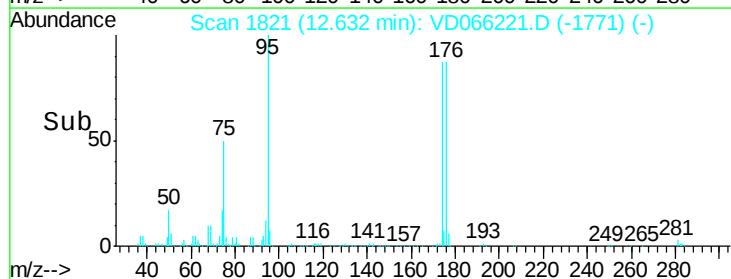
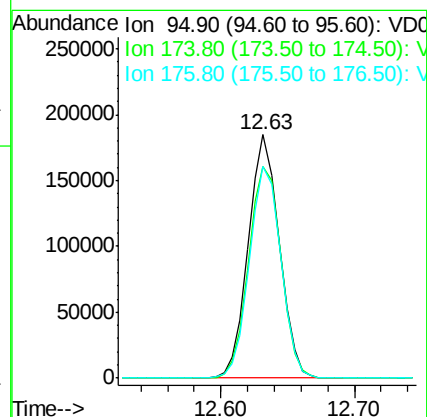
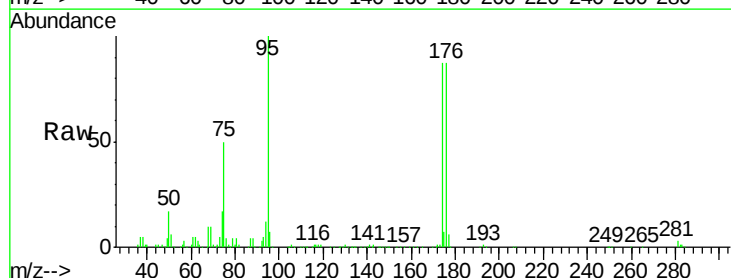
Tgt Ion: 95 Resp: 296154

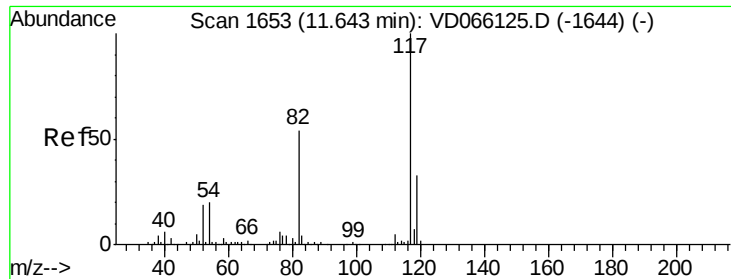
Ion Ratio Lower Upper

95 100

174 90.6 0.0 180.8

176 88.3 0.0 181.2

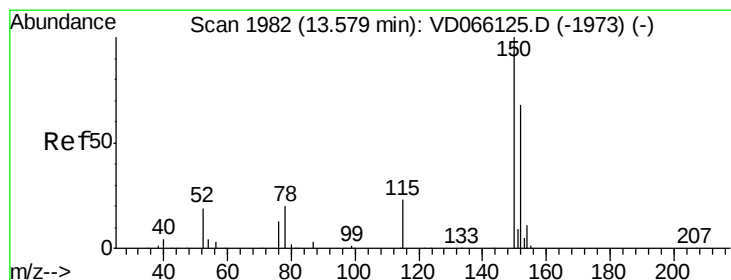
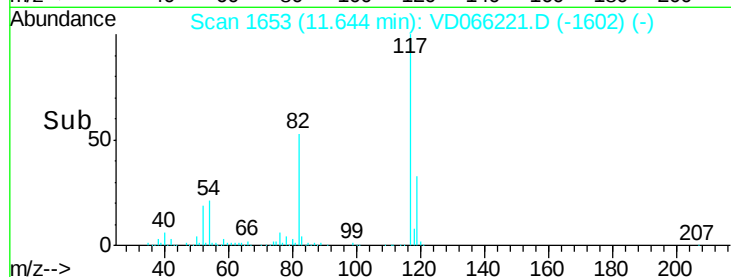
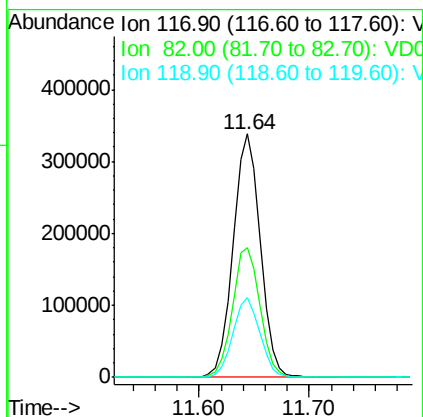
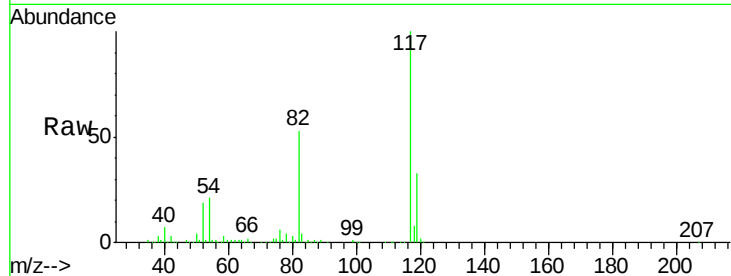




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066221.D
Acq: 13 Aug 2020 20:14

Instrument :
MSVOA_D
ClientSampleId :
7211979

Tot Ion:117 Resp: 585274
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 32.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066221.D
Acq: 13 Aug 2020 20:14

Tgt Ion:152 Resp: 343506
Ion Ratio Lower Upper
152 100
115 55.5 28.0 83.9
150 155.3 0.0 346.4

