

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091520\
 Data File : VD066707.D
 Acq On : 15 Sep 2020 20:16
 Operator : VA/SY
 Sample : L3871-07
 Misc : 8.21G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-091420

Quant Time: Sep 16 02:08:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	402385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	729758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	712486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	312788	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	248729	57.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.88%	
35) Dibromofluoromethane	7.91	113	243954	54.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.06%	
50) Toluene-d8	10.34	98	930561	58.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.76%	
62) 4-Bromofluorobenzene	12.63	95	327190	59.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.92%	

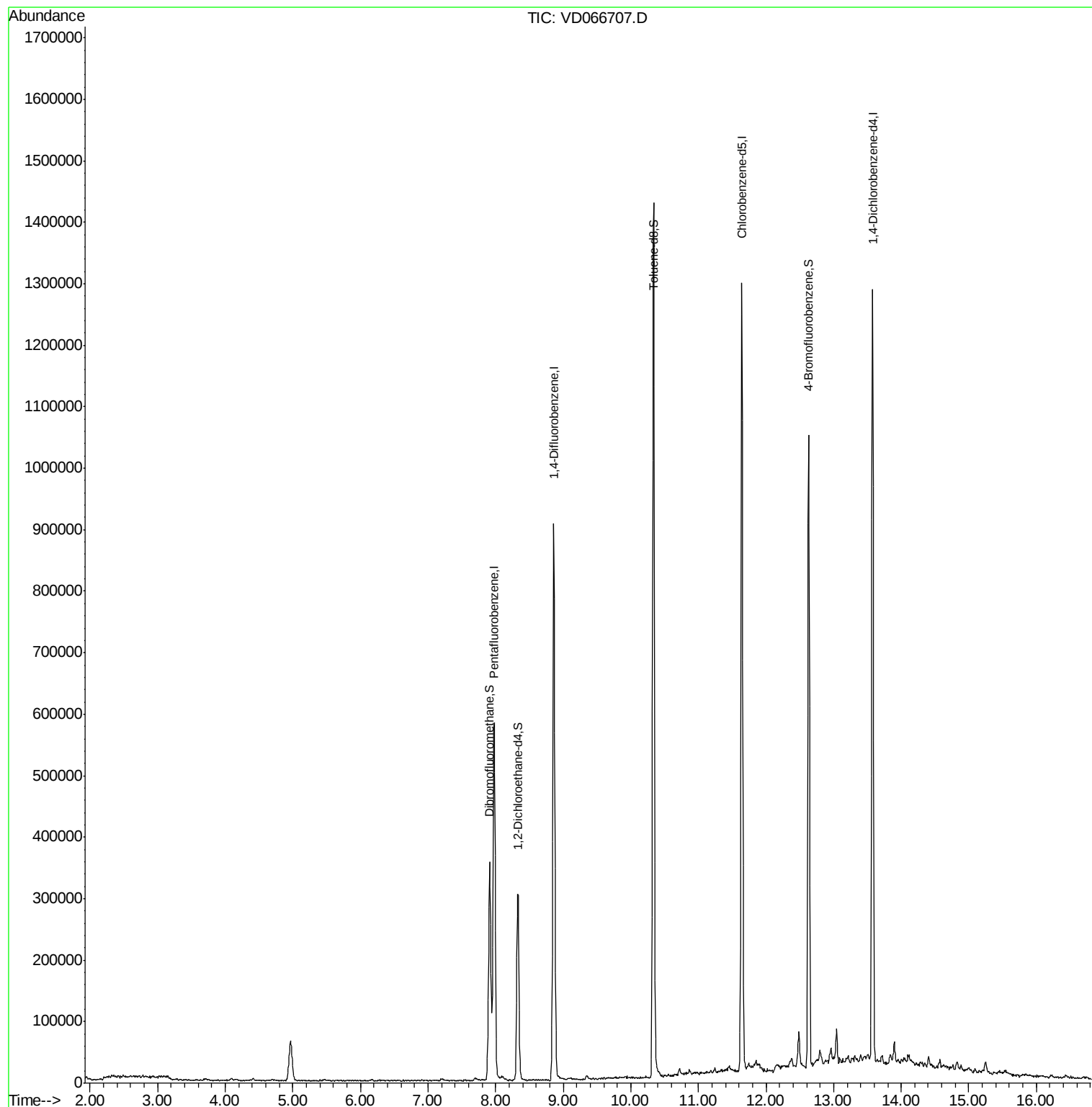
Target Compounds	Qvalue

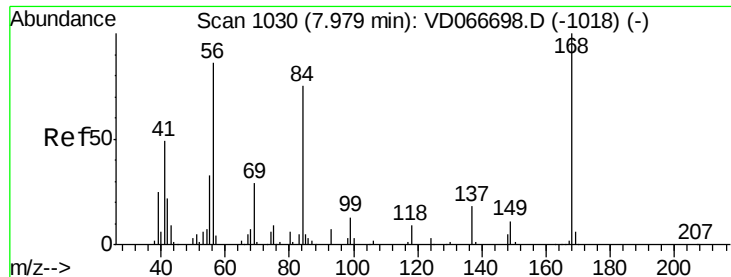
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066707.D

Acq: 15 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

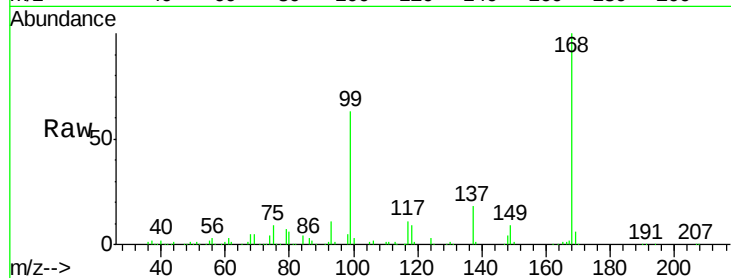
TR-04-091420

Tot Ion:168 Resp: 402385

Ion Ratio Lower Upper

168 100

99 62.9 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

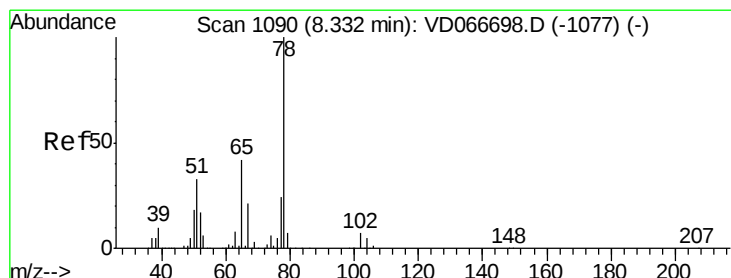
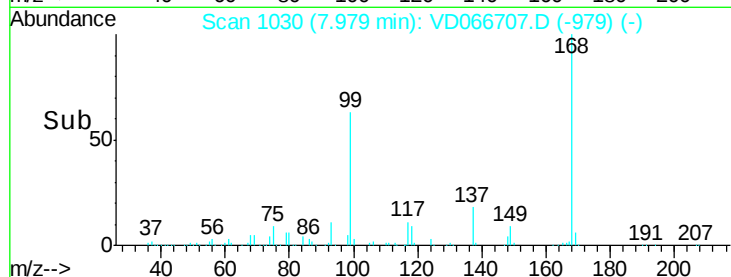
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.936 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066707.D

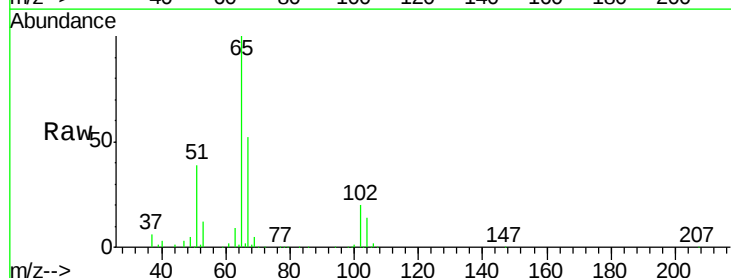
Acq: 15 Sep 2020 20:16

Tgt Ion: 65 Resp: 248729

Ion Ratio Lower Upper

65 100

67 50.1 0.0 102.2



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

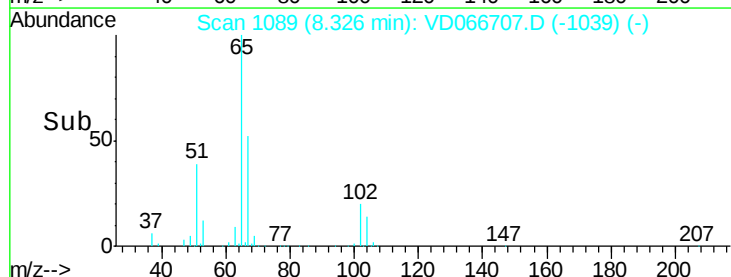
40000

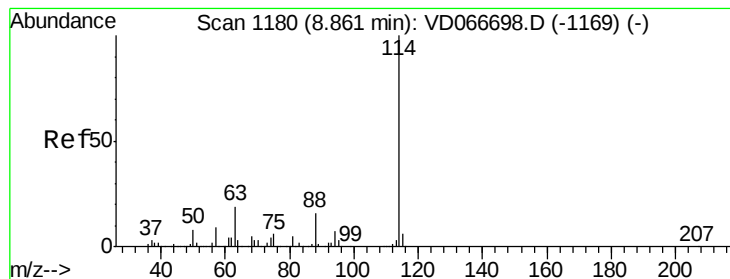
20000

0

8.25 8.30 8.35 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066707.D

Acq: 15 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

TR-04-091420

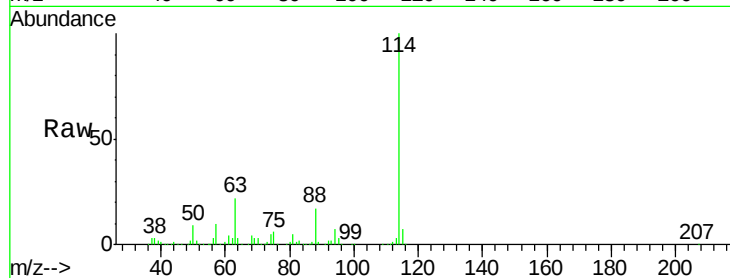
Tot Ion:114 Resp: 729758

Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.6

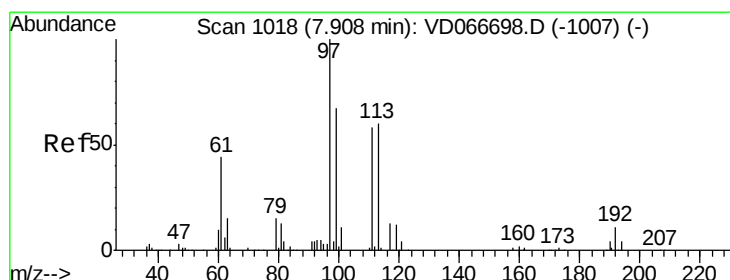
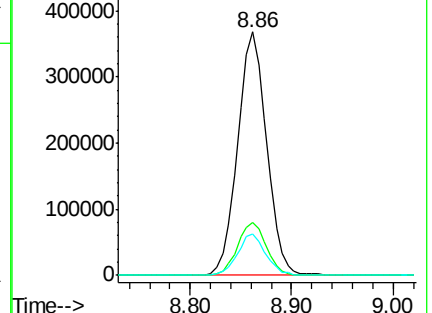
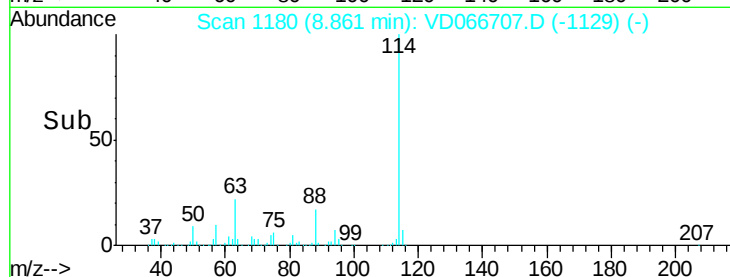
88 17.0 0.0 32.2



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: 54.526 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066707.D

Acq: 15 Sep 2020 20:16

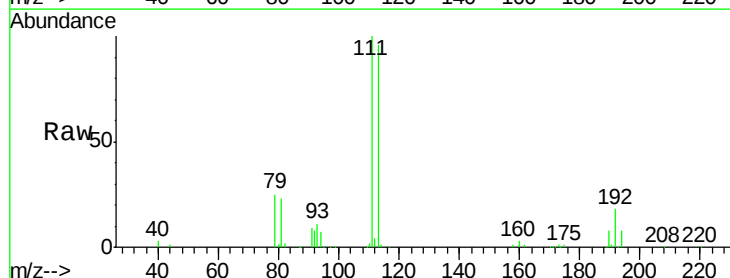
Tgt Ion:113 Resp: 243954

Ion Ratio Lower Upper

113 100

111 102.9 83.2 124.8

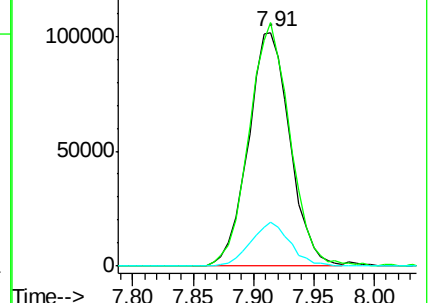
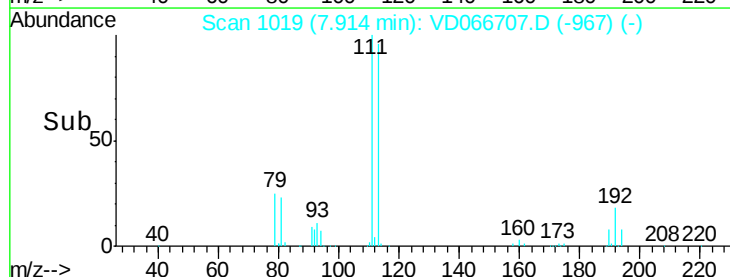
192 17.8 14.8 22.2

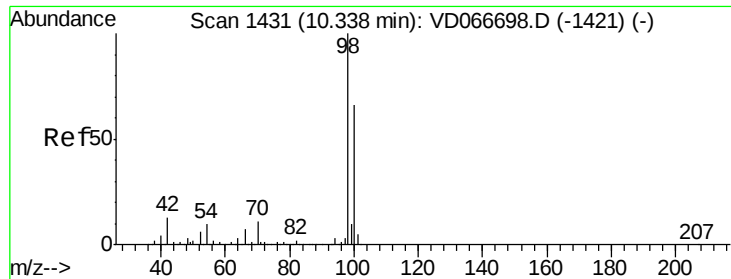


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 58.378 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066707.D

Acq: 15 Sep 2020 20:16

Instrument :

MSVOA_D

ClientSampleId :

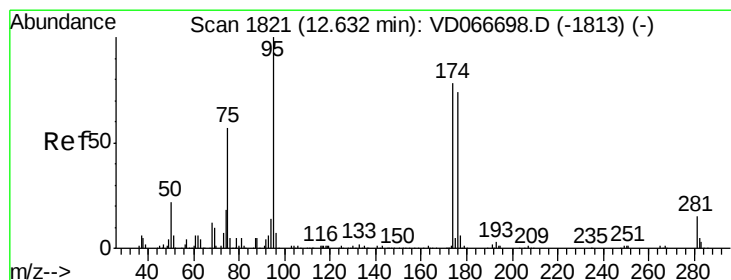
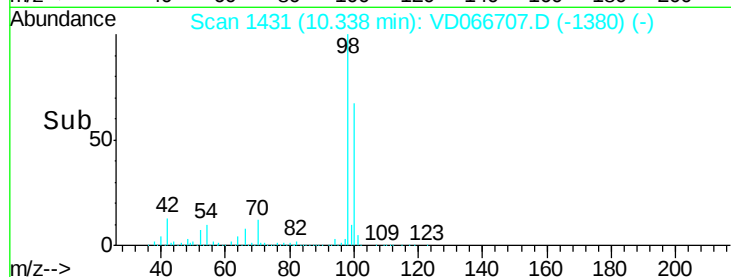
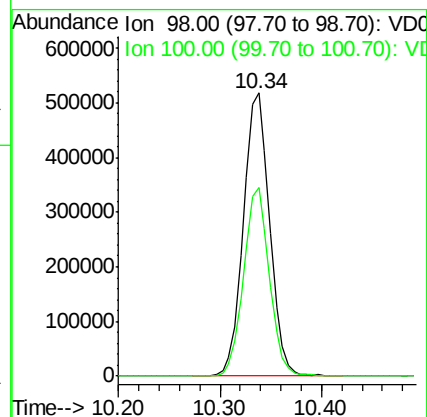
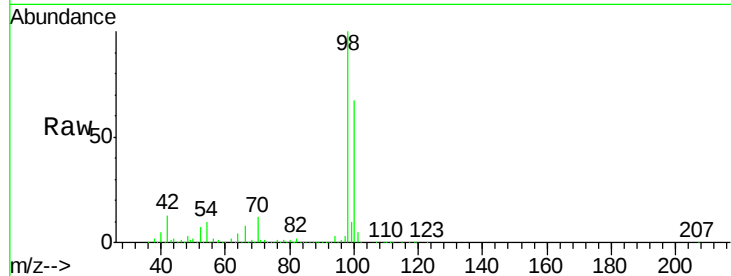
TR-04-091420

Tot Ion: 98 Resp: 930561

Ion Ratio Lower Upper

98 100

100 65.3 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 59.464 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066707.D

Acq: 15 Sep 2020 20:16

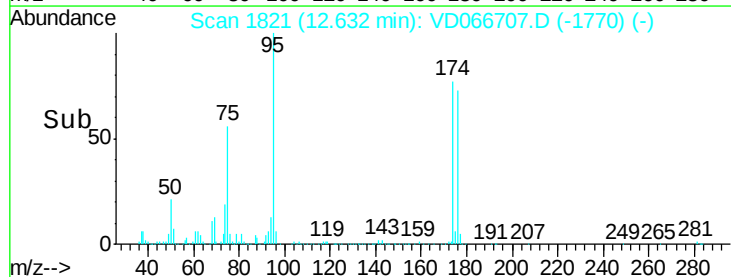
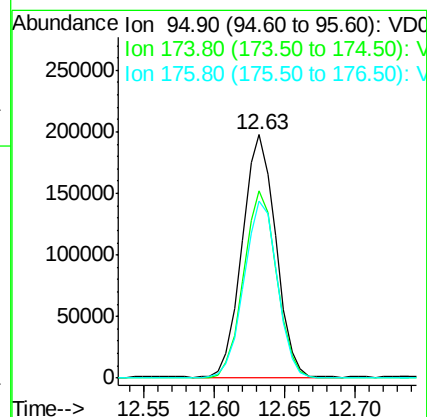
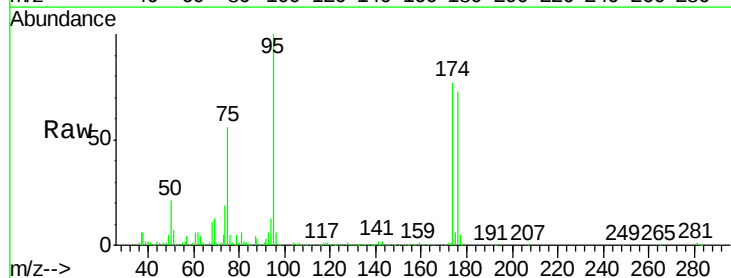
Tgt Ion: 95 Resp: 327190

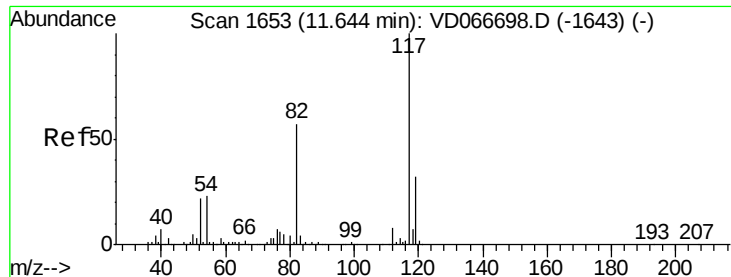
Ion Ratio Lower Upper

95 100

174 76.1 0.0 156.6

176 72.6 0.0 150.2

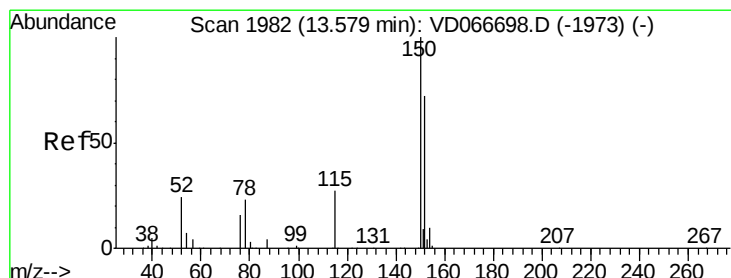
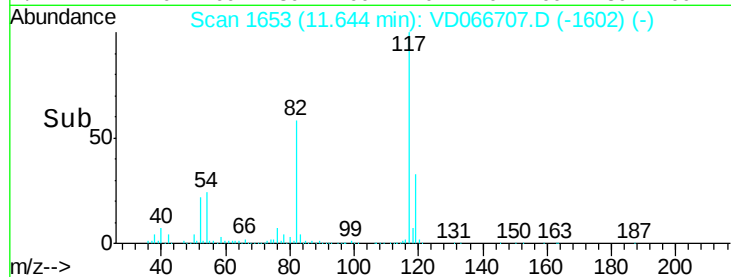
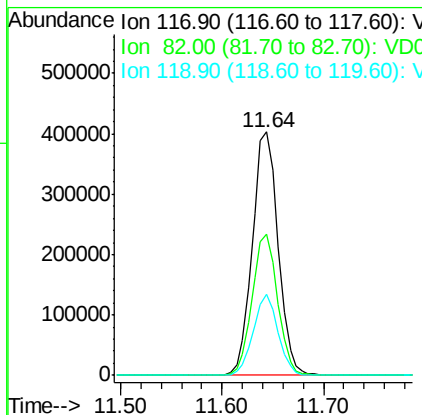
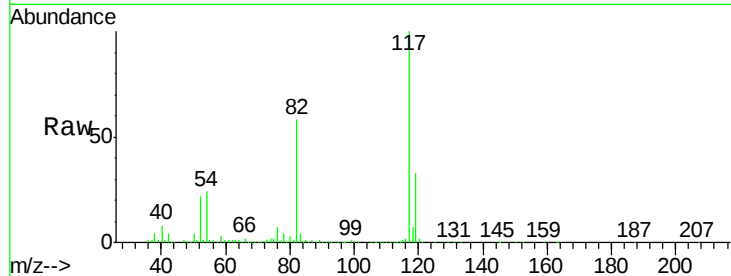




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066707.D
Acq: 15 Sep 2020 20:16

Instrument :
MSVOA_D
ClientSampleId :
TR-04-091420

Tot Ion:117 Resp: 712486
Ion Ratio Lower Upper
117 100
82 58.0 45.4 68.0
119 33.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066707.D
Acq: 15 Sep 2020 20:16

Tgt Ion:152 Resp: 312788
Ion Ratio Lower Upper
152 100
115 63.3 30.5 91.5
150 156.9 0.0 344.6

