

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050720\
 Data File : VD065713.D
 Acq On : 07 May 2020 15:15
 Operator : VA/SY
 Sample : L2540-01
 Misc : 7.38G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-346

Quant Time: May 08 07:53:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 17:01:16 2020
 Response via : Initial Calibration

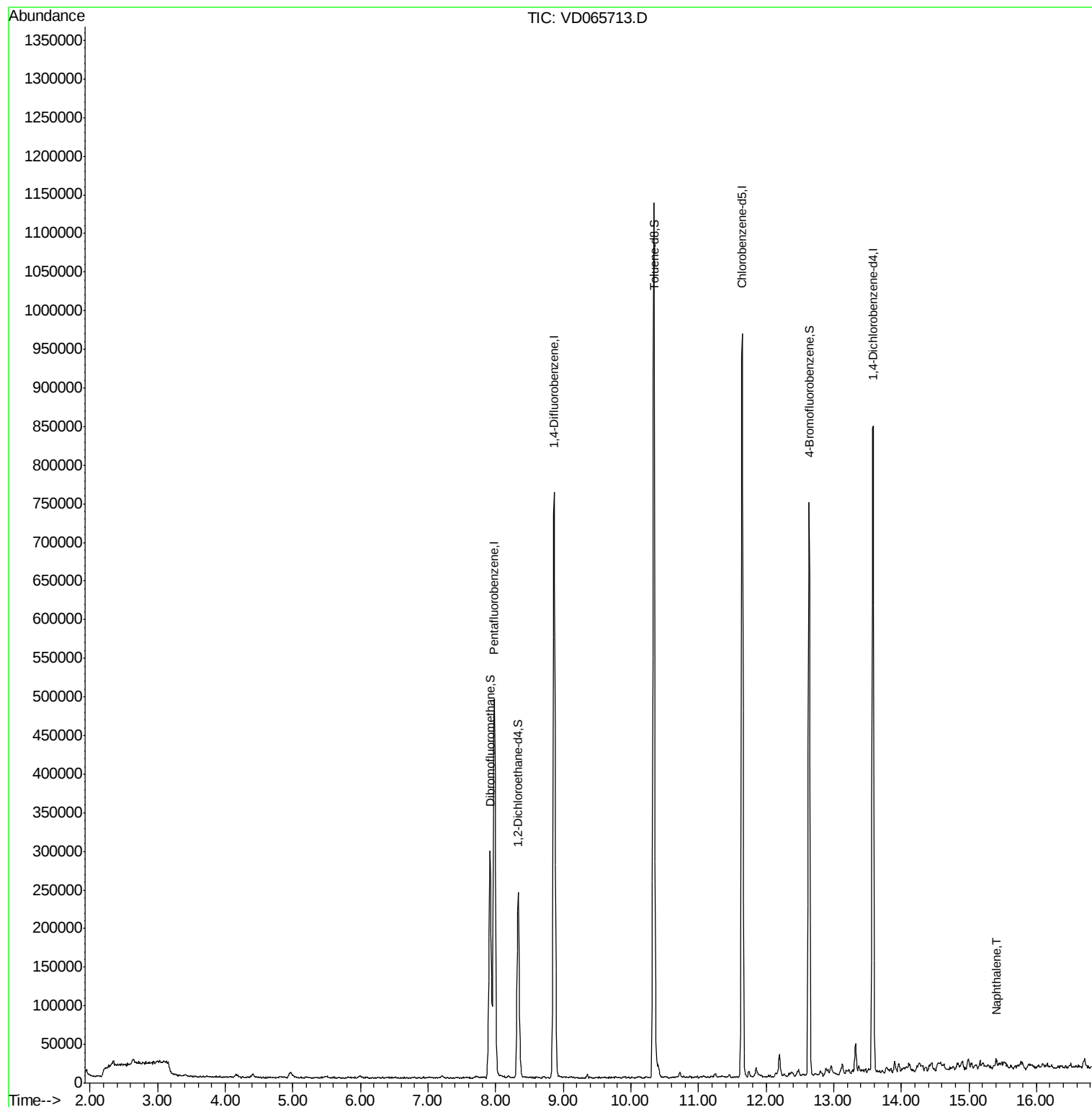
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	403153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	672005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	563197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	233882	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	185523	45.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.88%	
35) Dibromofluoromethane	7.92	113	206897	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	10.34	98	791724	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	12.64	95	241454	42.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.46%	
Target Compounds						
95) Naphthalene	15.41	128	8976	1.033	ug/l	Qvalue 97

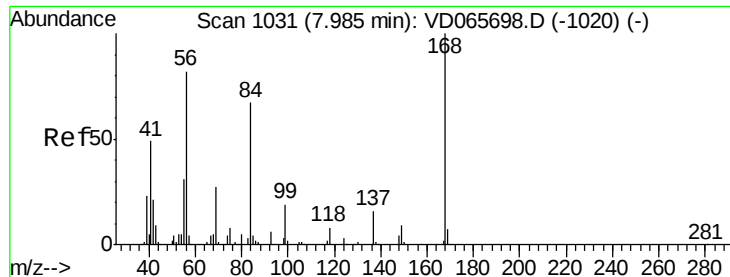
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065713.D

Acq: 07 May 2020 15:15

Instrument :

MSVOA_D

ClientSampleId :

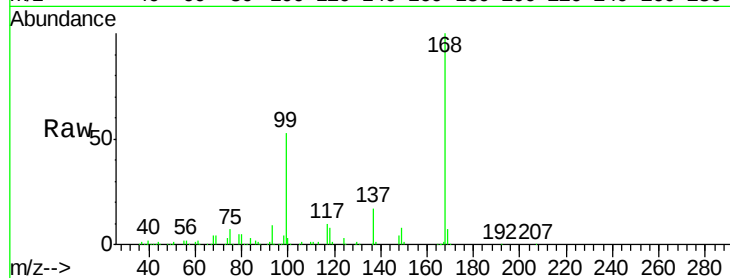
ETGI-346

Tot Ion:168 Resp: 403153

Ion Ratio Lower Upper

168 100

99 52.7 44.2 66.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

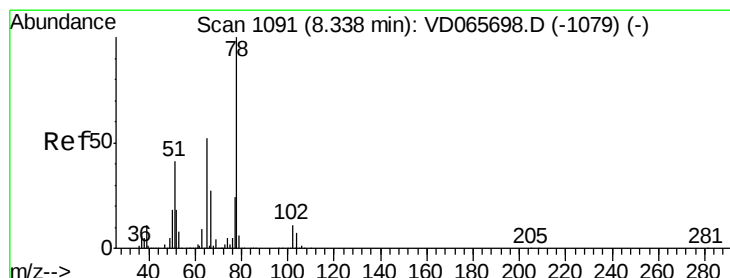
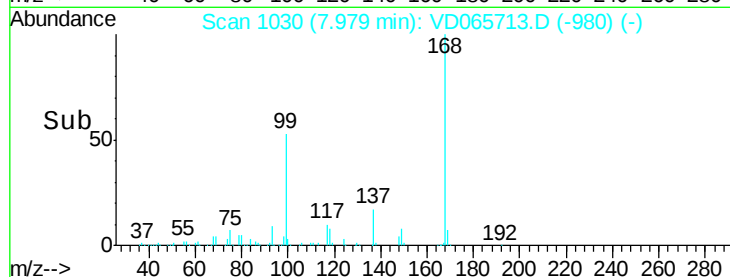
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10 8.20



#33

1,2-Dichloroethane-d4

Concen: 45.941 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065713.D

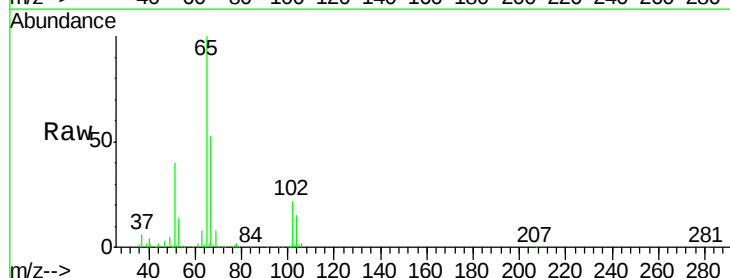
Acq: 07 May 2020 15:15

Tgt Ion: 65 Resp: 185523

Ion Ratio Lower Upper

65 100

67 53.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

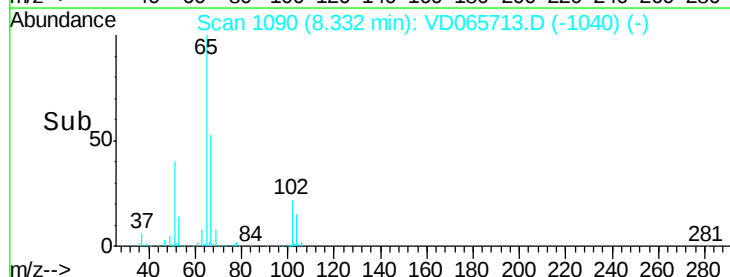
60000

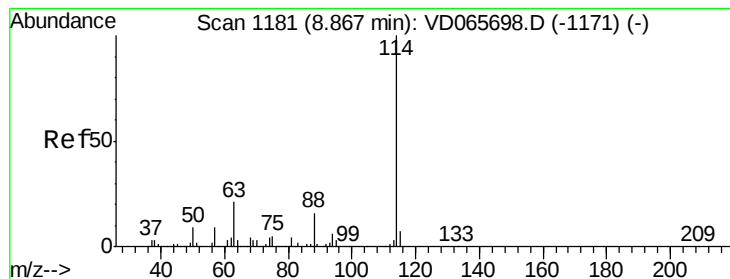
40000

20000

0

Time--> 8.25 8.30 8.35 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065713.D

Acq: 07 May 2020 15:15

Instrument :

MSVOA_D

ClientSampleId :

ETGI-346

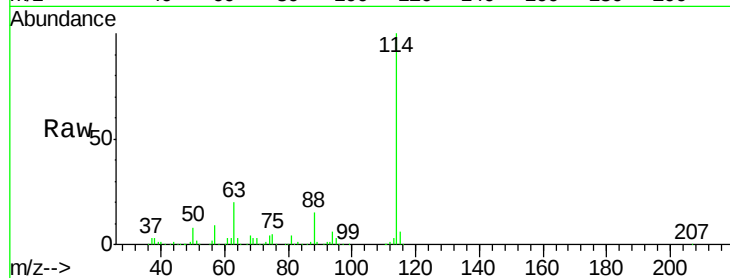
Tot Ion:114 Resp: 672005

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

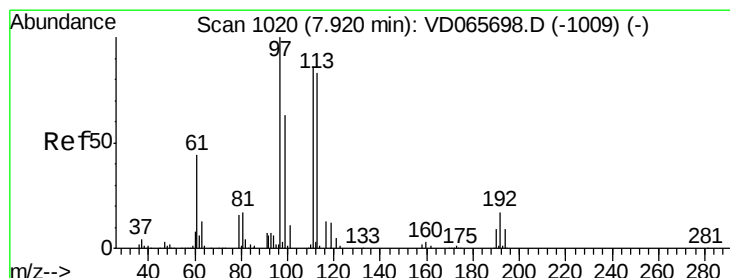
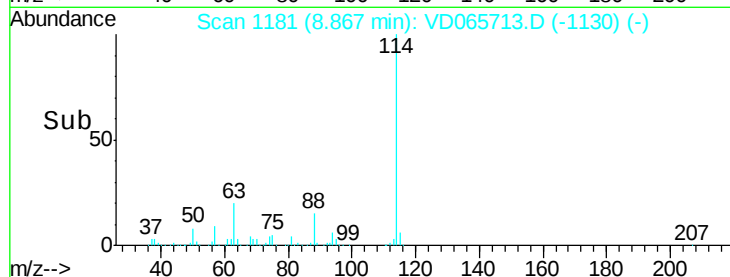
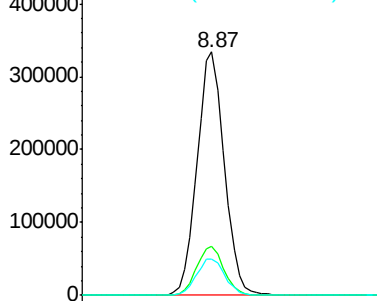
88 14.7 0.0 32.6



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: 49.262 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065713.D

Acq: 07 May 2020 15:15

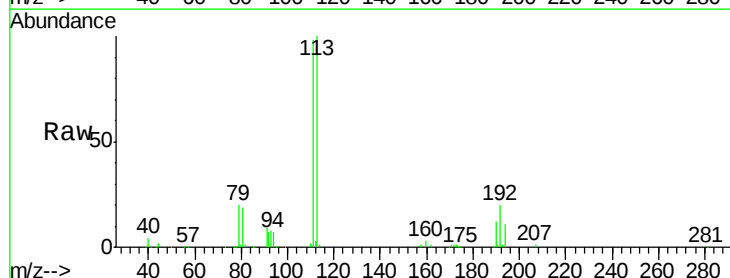
Tgt Ion:113 Resp: 206897

Ion Ratio Lower Upper

113 100

111 101.9 82.7 124.1

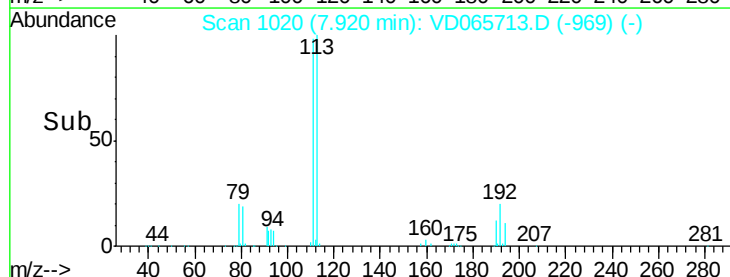
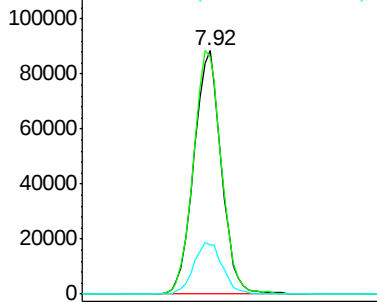
192 22.1 17.0 25.4

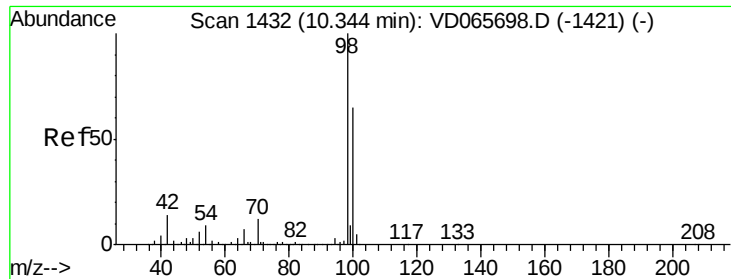


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.087 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065713.D

Acq: 07 May 2020 15:15

Instrument :

MSVOA_D

ClientSampleId :

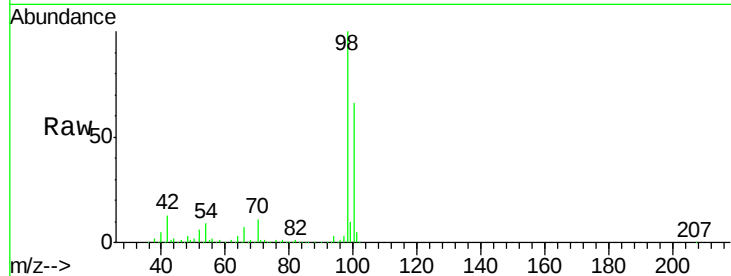
ETGI-346

Tot Ion: 98 Resp: 791724

Ion Ratio Lower Upper

98 100

100 66.3 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

400000

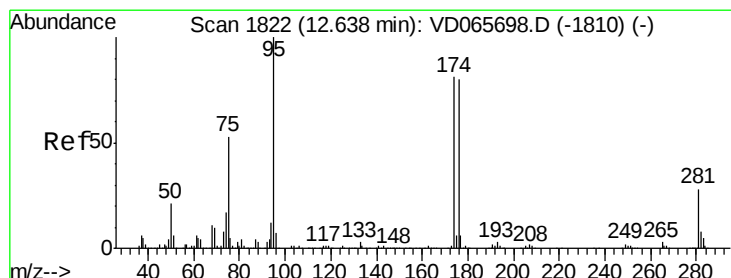
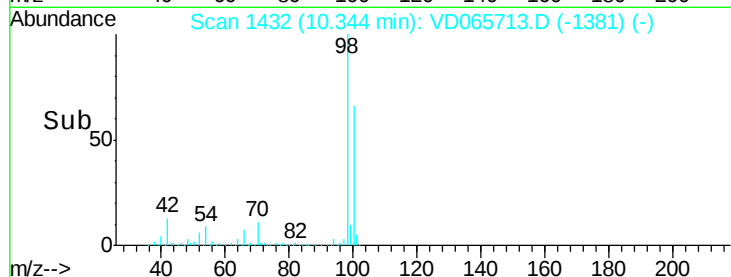
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 42.228 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065713.D

Acq: 07 May 2020 15:15

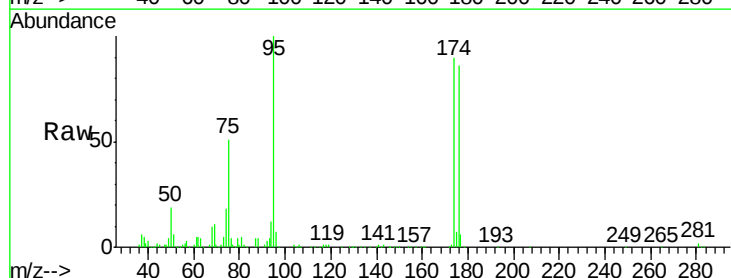
Tgt Ion: 95 Resp: 241454

Ion Ratio Lower Upper

95 100

174 87.5 0.0 162.6

176 85.1 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

200000

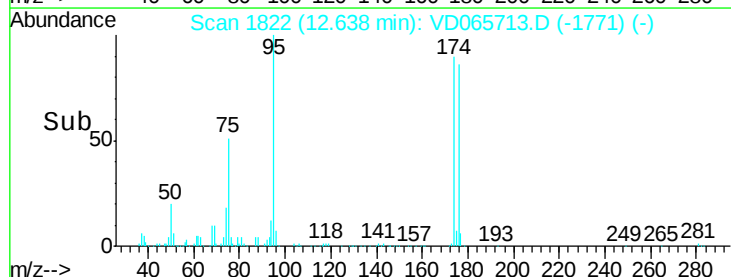
150000

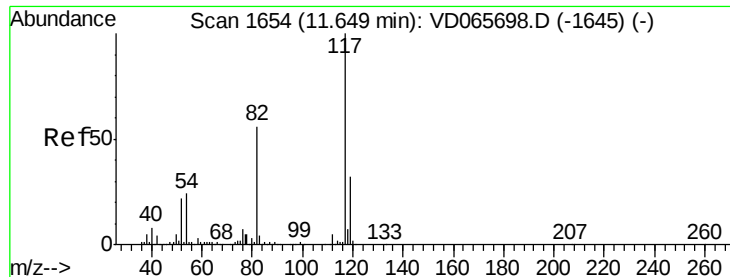
100000

50000

0

Time--> 12.50 12.60 12.70

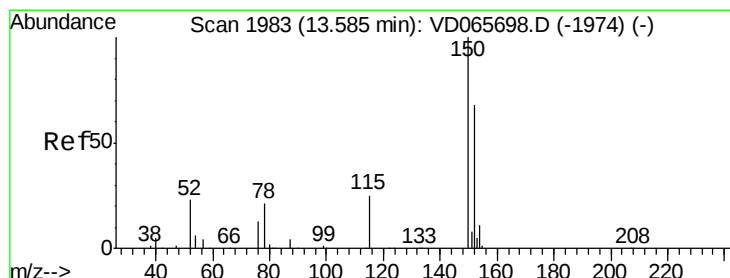
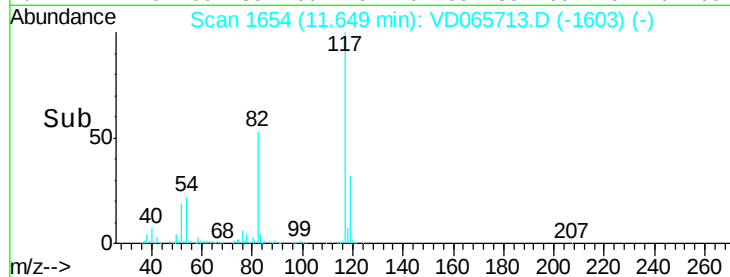
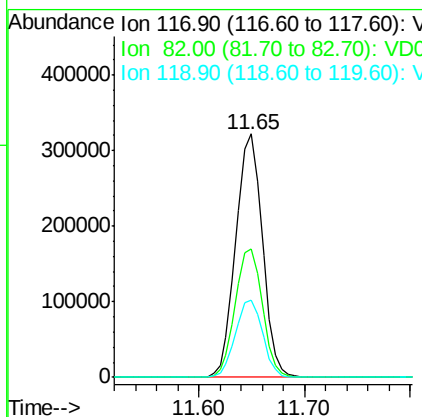
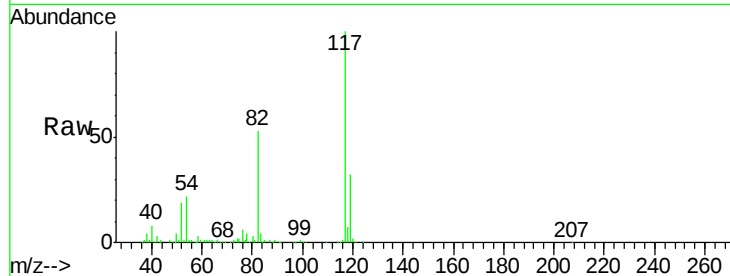




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065713.D
Acq: 07 May 2020 15:15

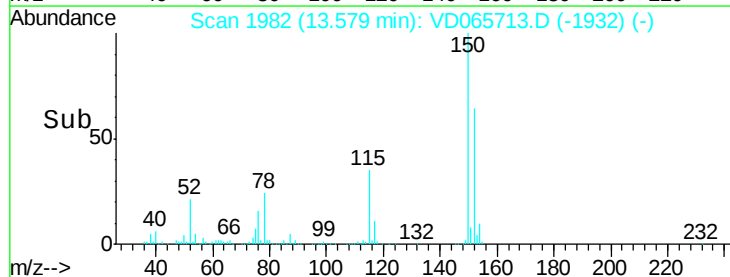
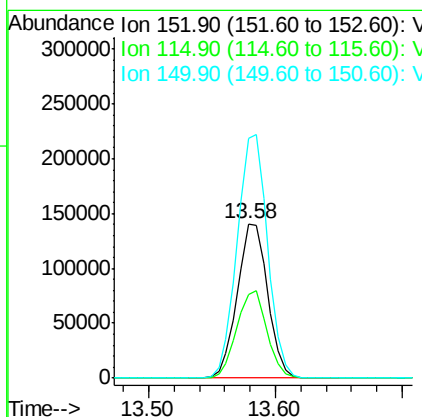
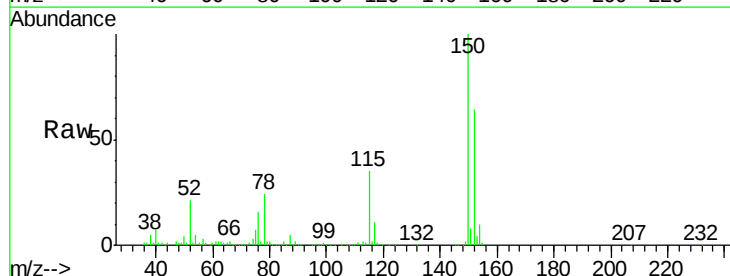
Instrument :
MSVOA_D
ClientSampleId :
ETGI-346

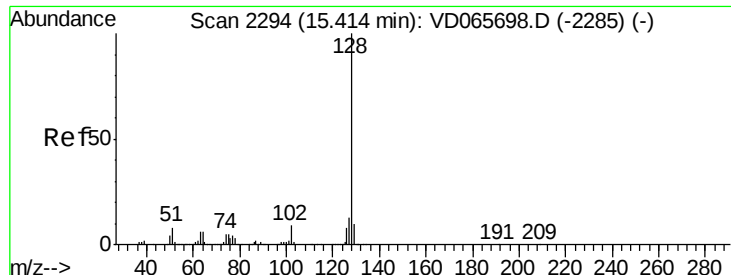
Tot Ion:117 Resp: 563197
Ion Ratio Lower Upper
117 100
82 52.8 44.9 67.3
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD065713.D
Acq: 07 May 2020 15:15

Tgt Ion:152 Resp: 233882
Ion Ratio Lower Upper
152 100
115 56.2 29.5 88.5
150 157.6 0.0 346.8





#95

Naphthalene

Concen: 1.033 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD065713.D

Acq: 07 May 2020 15:15

Instrument :

MSVOA_D

ClientSampleId :

ETGI-346

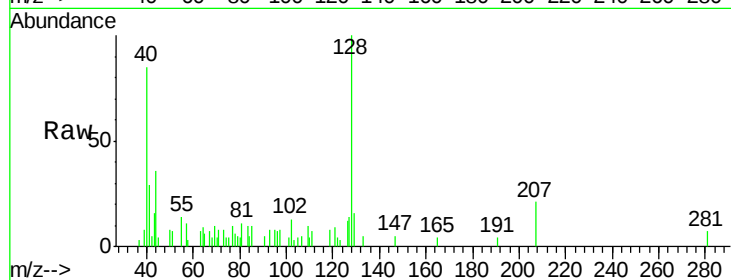
Tot Ion:128 Resp: 8976

Ion Ratio Lower Upper

128 100

127 15.3 10.4 15.6

129 11.3 9.0 13.4



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

