

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060820\
 Data File : VD065783.D
 Acq On : 08 Jun 2020 16:25
 Operator : VA/SY
 Sample : L2946-05
 Misc : 6.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CUTTINGS

Quant Time: Jun 09 07:23:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	195338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	370160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	319345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	130511	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	125853	65.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.40%	
35) Dibromofluoromethane	7.92	113	124059	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
50) Toluene-d8	10.34	98	460373	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
62) 4-Bromofluorobenzene	12.64	95	132749	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	

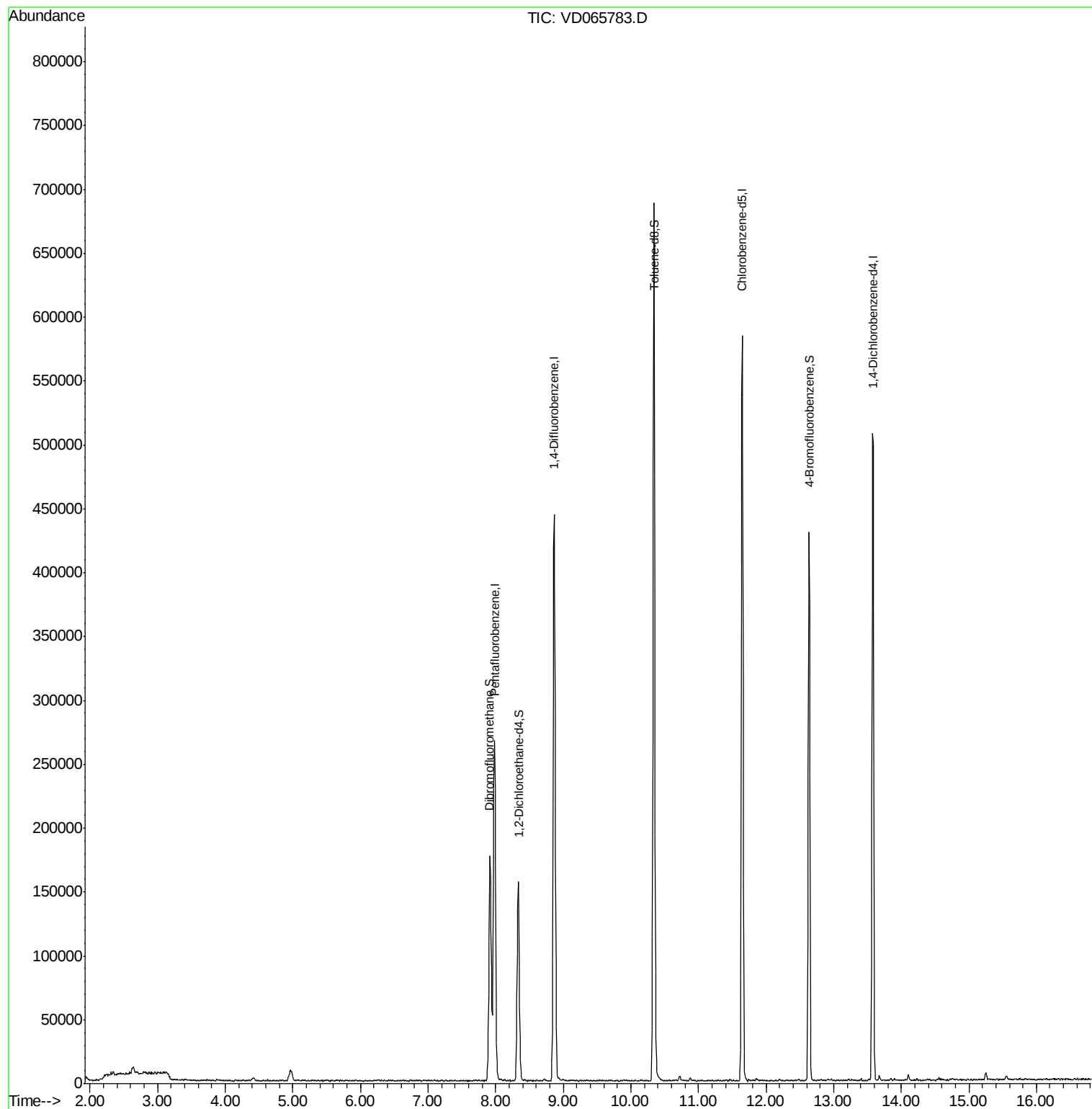
Target Compounds	Qvalue
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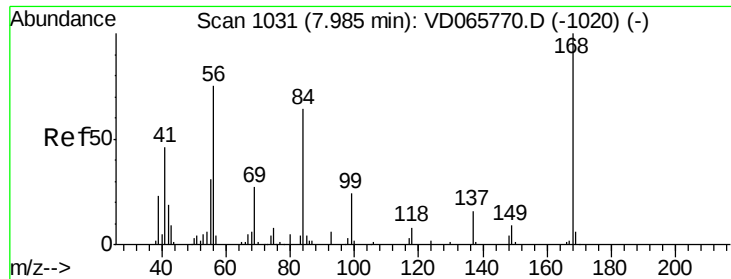
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 05 13:07:30 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065783.D

Acq: 08 Jun 2020 16:25

Instrument :

MSVOA_D

ClientSampleId :

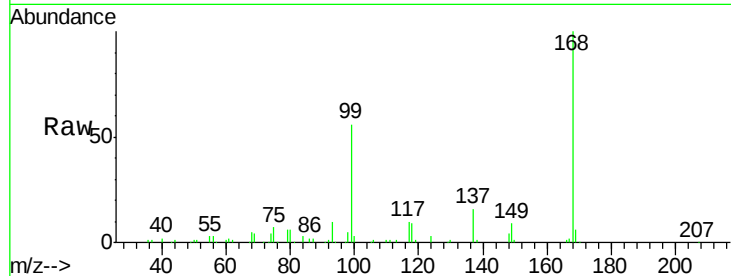
CUTTINGS

Tot Ion:168 Resp: 195338

Ion Ratio Lower Upper

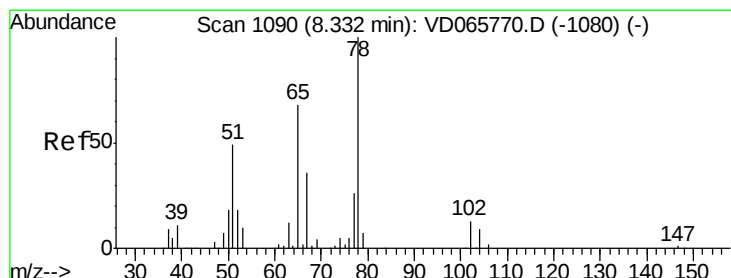
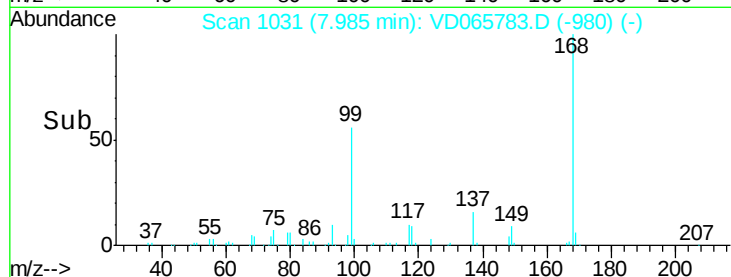
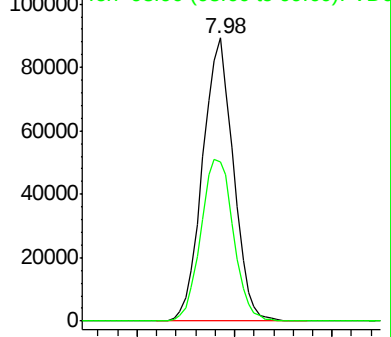
168 100

99 56.2 45.3 67.9



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: 65.202 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065783.D

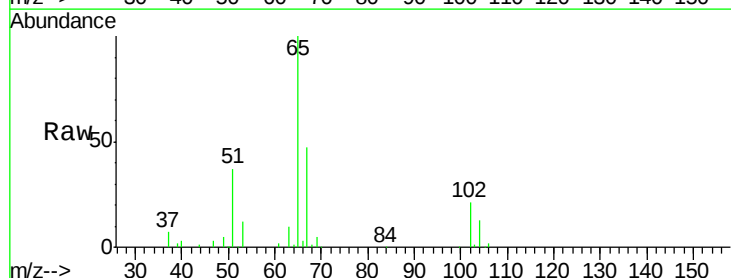
Acq: 08 Jun 2020 16:25

Tgt Ion: 65 Resp: 125853

Ion Ratio Lower Upper

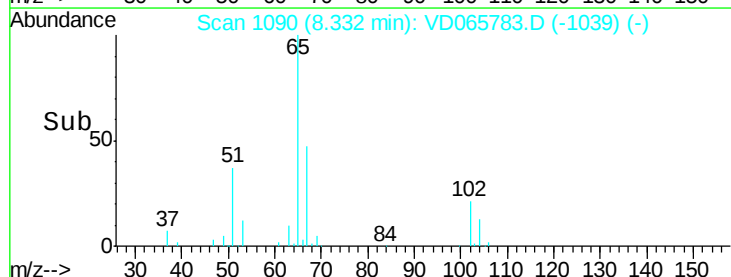
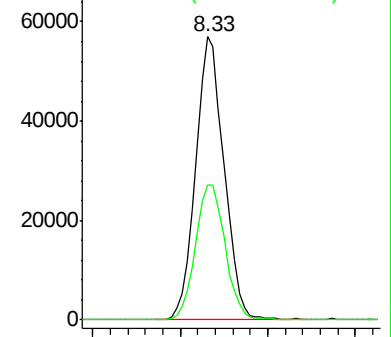
65 100

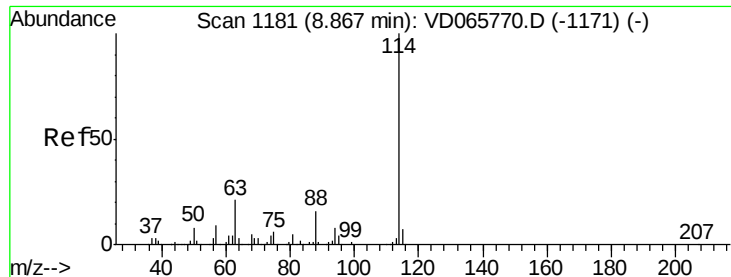
67 49.6 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

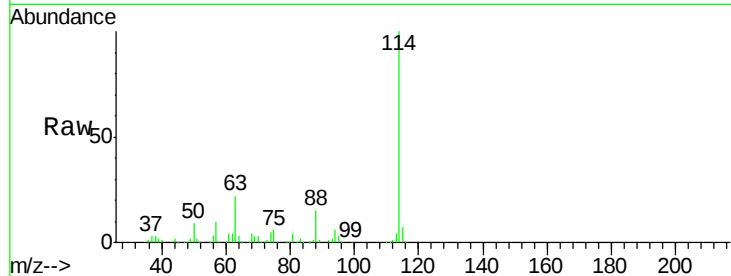




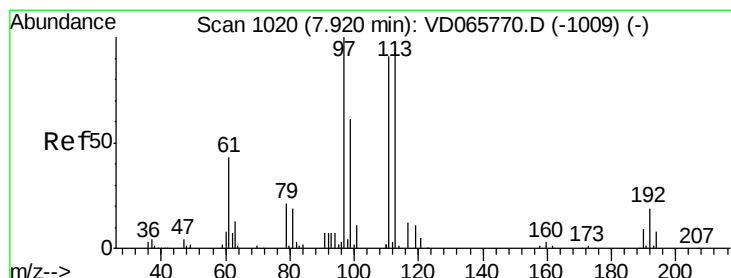
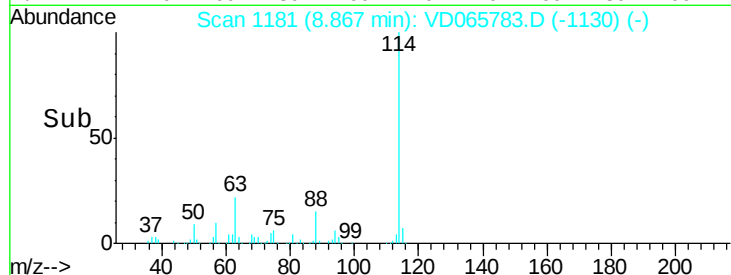
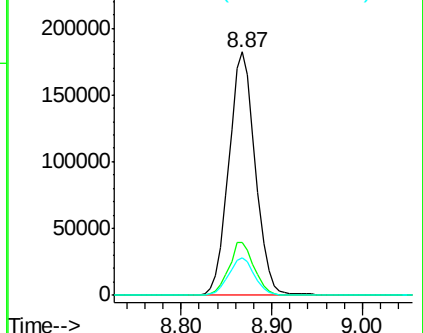
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065783.D
 Acq: 08 Jun 2020 16:25

Instrument :
 MSVOA_D
 ClientSampleId :
 CUTTINGS

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	41.8
88	15.5	0.0	32.0

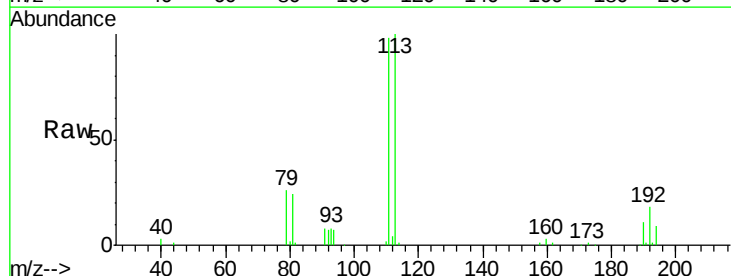


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

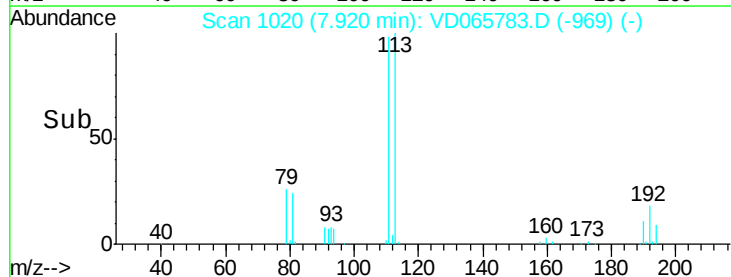
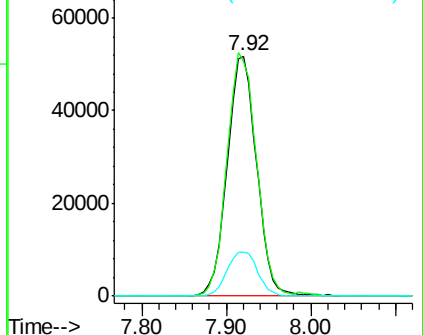


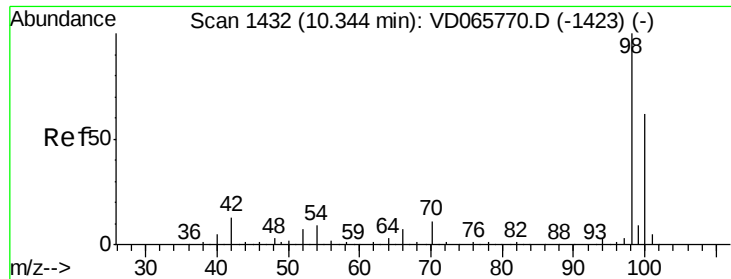
#35
 Dibromofluoromethane
 Concen: 53.059 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065783.D
 Acq: 08 Jun 2020 16:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.4	125.0
192	19.1	15.7	23.5



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: 52.803 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065783.D

Acq: 08 Jun 2020 16:25

Instrument :

MSVOA_D

ClientSampleId :

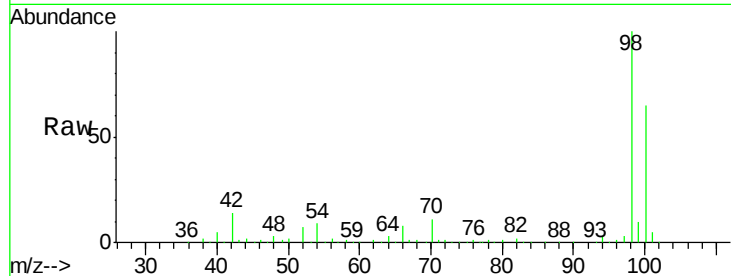
CUTTINGS

Tot Ion: 98 Resp: 460373

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

250000

200000

150000

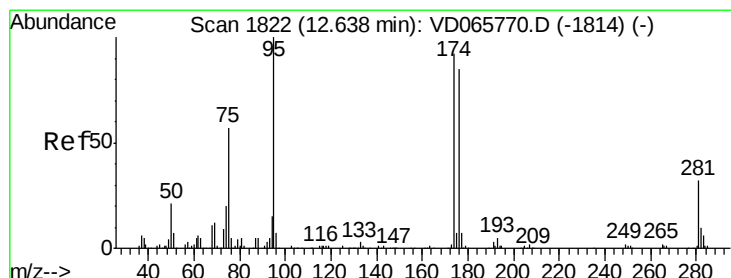
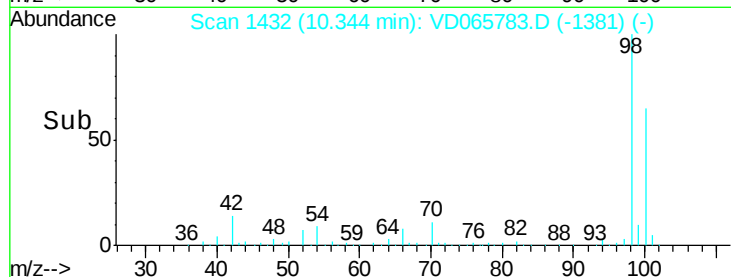
100000

50000

0

10.30 10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 44.896 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065783.D

Acq: 08 Jun 2020 16:25

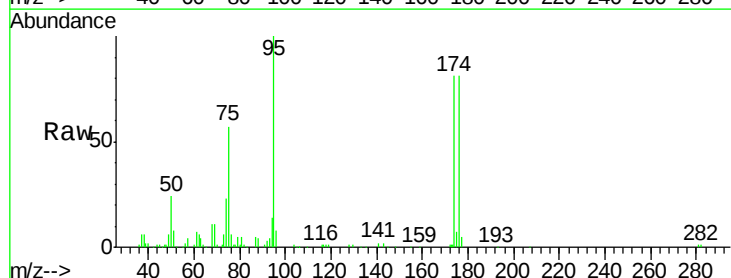
Tgt Ion: 95 Resp: 132749

Ion Ratio Lower Upper

95 100

174 80.9 0.0 175.2

176 79.8 0.0 163.0



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

100000

80000

60000

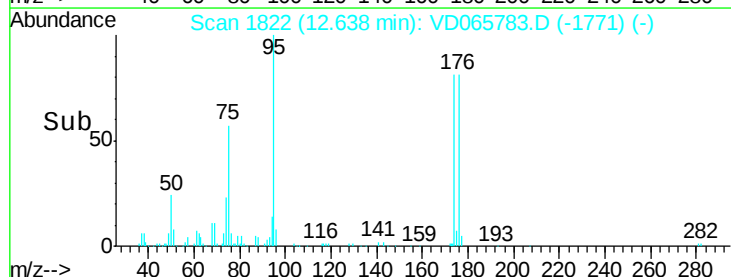
40000

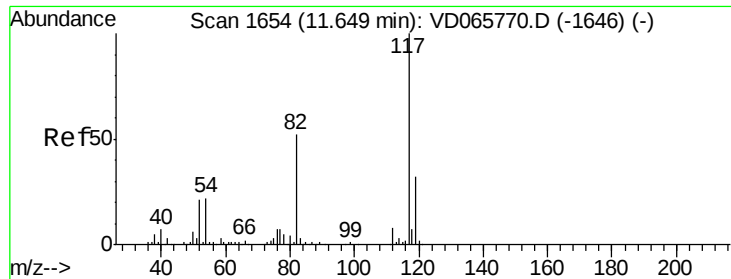
20000

0

12.55 12.60 12.65 12.70

Time-->

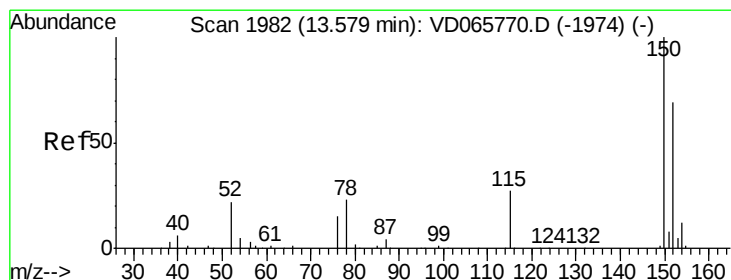
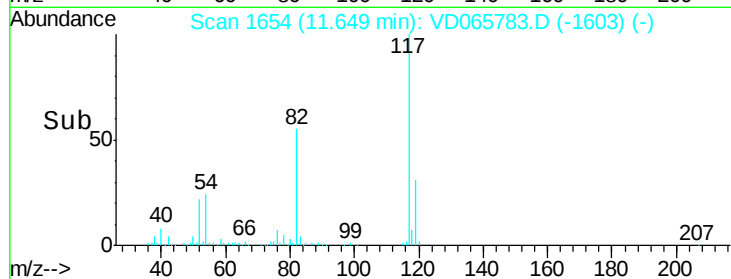
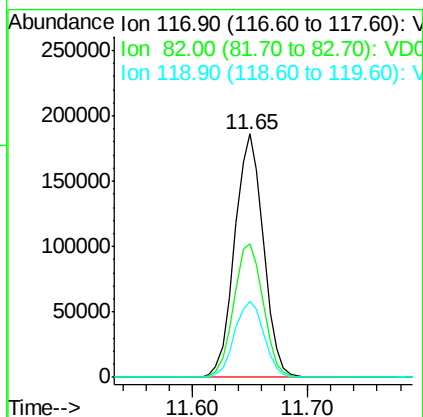
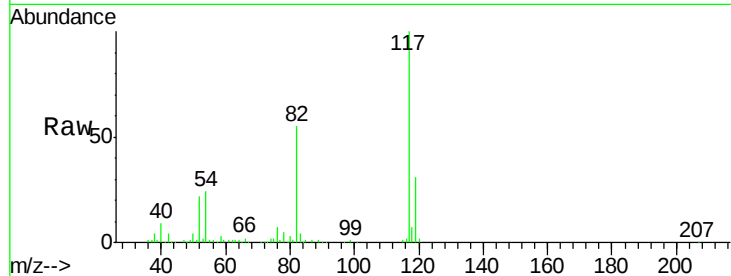




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065783.D
Acq: 08 Jun 2020 16:25

Instrument :
MSVOA_D
ClientSampleId :
CUTTINGS

Tot Ion:117 Resp: 319345
Ion Ratio Lower Upper
117 100
82 54.8 41.9 62.9
119 31.0 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065783.D
Acq: 08 Jun 2020 16:25

Tgt Ion:152 Resp: 130511
Ion Ratio Lower Upper
152 100
115 58.2 28.7 86.1
150 156.6 0.0 348.0

