

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031220\
 Data File : VD065487.D
 Acq On : 12 Mar 2020 16:52
 Operator : VA/SY
 Sample : L1912-03
 Misc : 6.18G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 Z1-1A

Quant Time: Mar 13 05:12:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	591955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	995116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	920813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	426829	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	292279	57.56	ug/l	0.00
Spiked Amount						
			Recovery	=	115.12%	
35) Dibromofluoromethane	7.92	113	317618	51.61	ug/l	0.00
Spiked Amount						
			Recovery	=	103.22%	
50) Toluene-d8	10.34	98	1183320	50.12	ug/l	0.00
Spiked Amount						
			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.64	95	371882	51.03	ug/l	0.00
Spiked Amount						
			Recovery	=	102.06%	

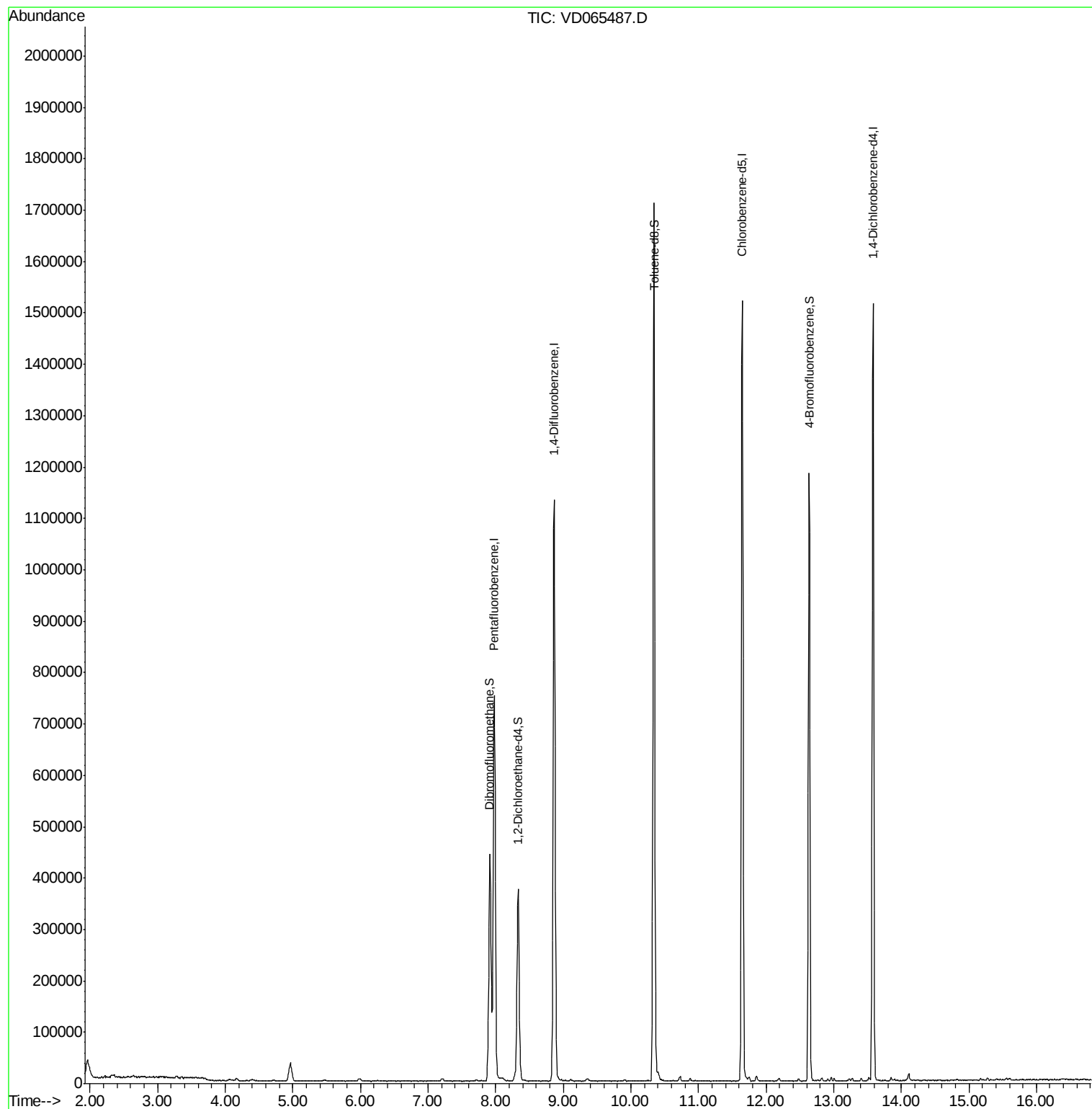
Target Compounds	Qvalue

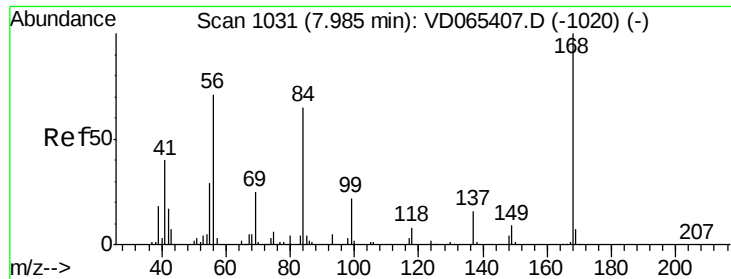
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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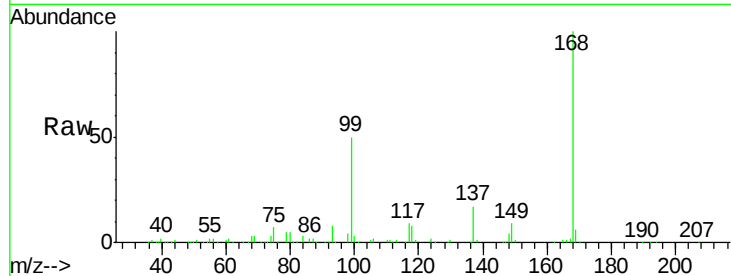




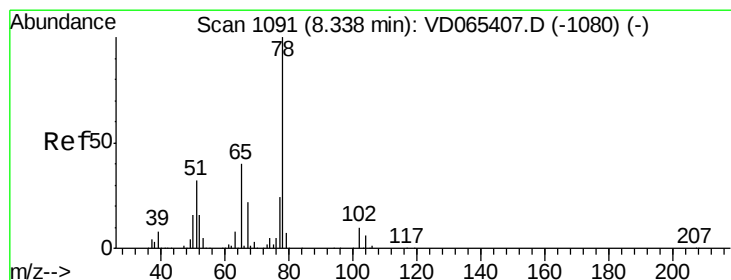
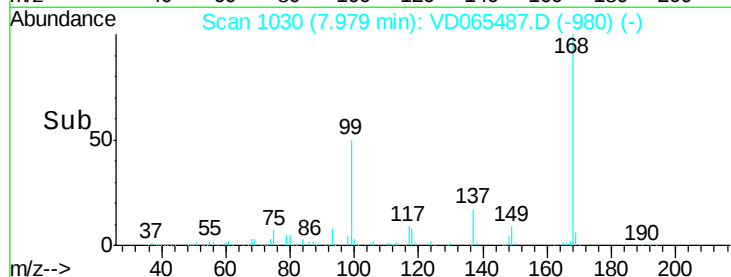
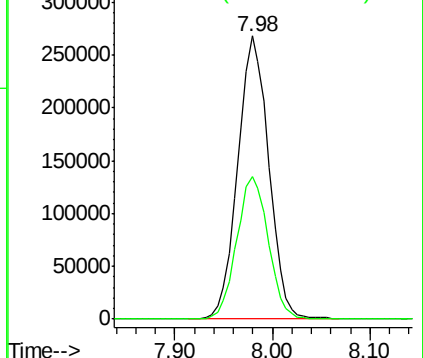
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065487.D
Acq: 12 Mar 2020 16:52

Instrument :
MSVOA_D
ClientSampleId :
Z1-1A

Tot Ion:168 Resp: 591955
Ion Ratio Lower Upper
168 100
99 50.1 41.5 62.3

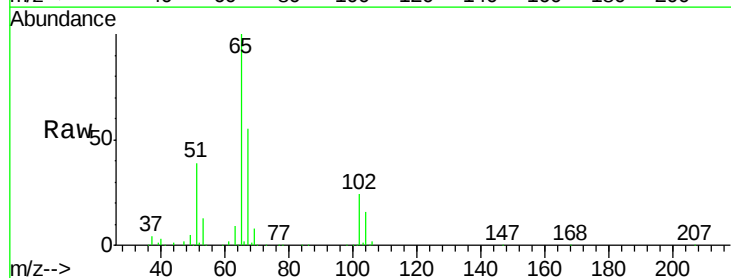


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

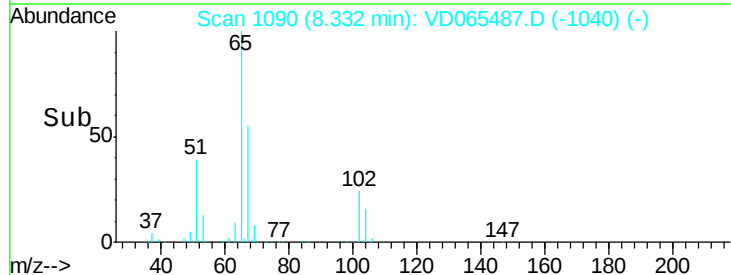
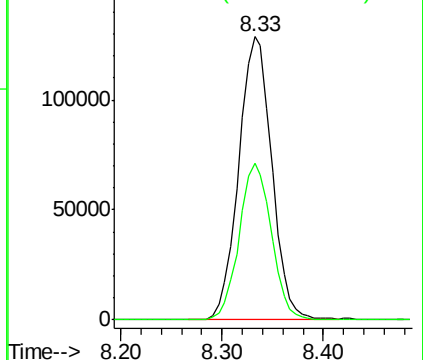


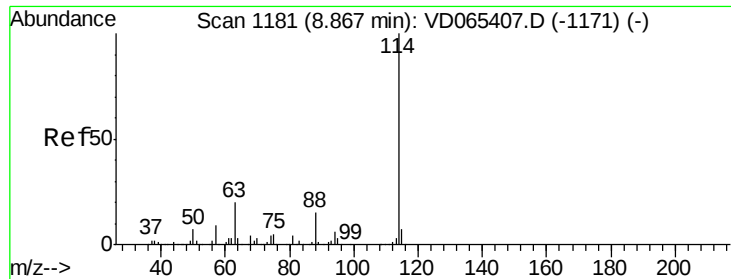
#33
1,2-Dichloroethane-d4
Concen: 57.560 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065487.D
Acq: 12 Mar 2020 16:52

Tgt Ion: 65 Resp: 292279
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.0



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

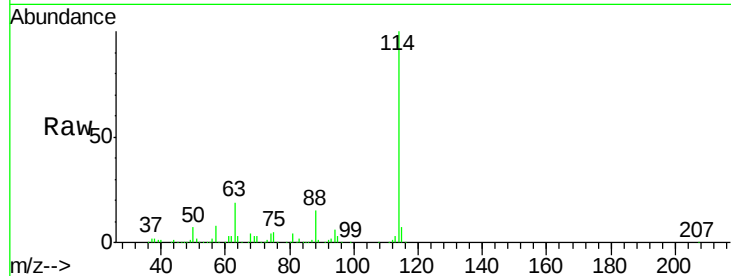




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065487.D
 Acq: 12 Mar 2020 16:52

Instrument :
 MSVOA_D
 ClientSampleId :
 Z1-1A

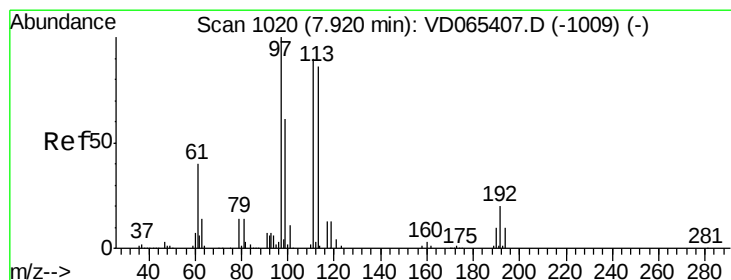
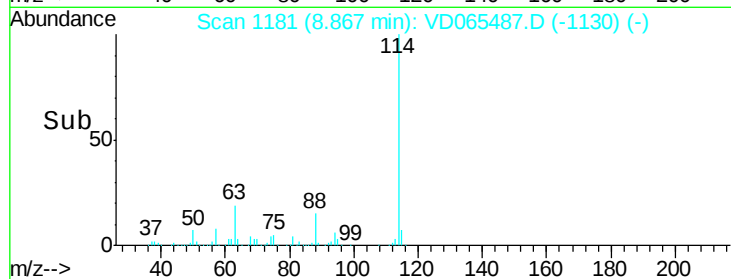
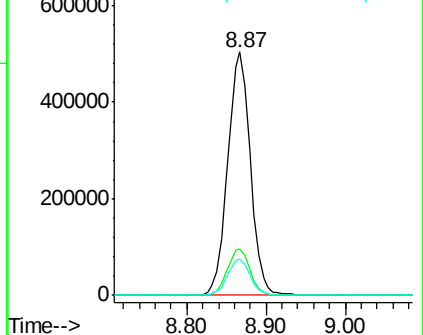
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.6
88	15.1	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

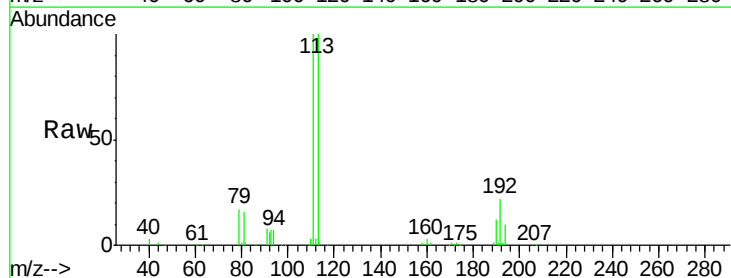
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 51.613 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065487.D
 Acq: 12 Mar 2020 16:52

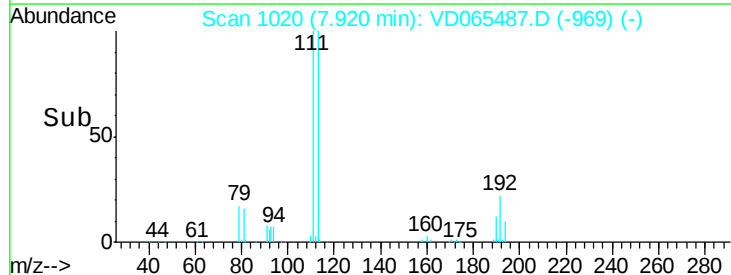
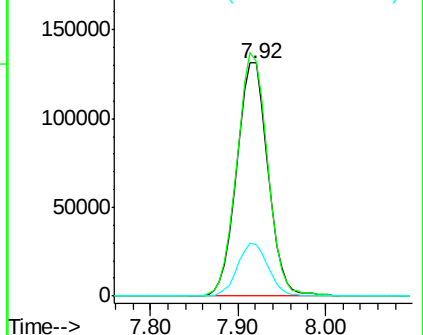
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.1	123.1
192	22.1	17.2	25.8

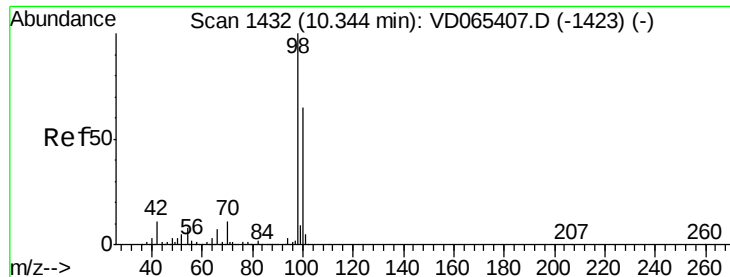


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.123 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065487.D

Acq: 12 Mar 2020 16:52

Instrument :

MSVOA_D

ClientSampleId :

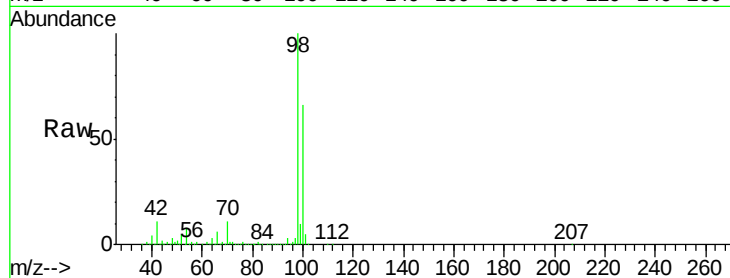
Z1-1A

Tot Ion: 98 Resp: 1183320

Ion Ratio Lower Upper

98 100

100 65.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VD065407.D (-1423) (-)

Ion 100.00 (99.70 to 100.70): VD065407.D (-1423) (-)

10.34

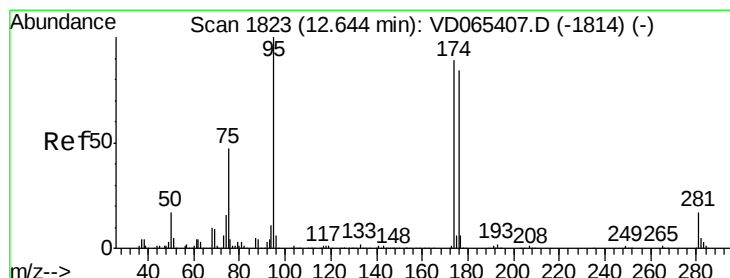
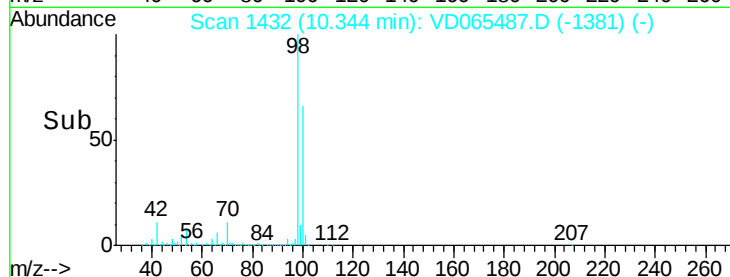
600000

400000

200000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 51.026 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065487.D

Acq: 12 Mar 2020 16:52

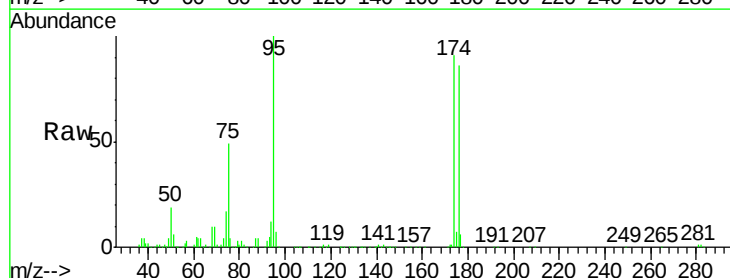
Tgt Ion: 95 Resp: 371882

Ion Ratio Lower Upper

95 100

174 91.7 0.0 176.8

176 87.2 0.0 171.4



Abundance Ion 94.90 (94.60 to 95.60): VD065407.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD065407.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD065407.D (-1814) (-)

12.64

300000

250000

200000

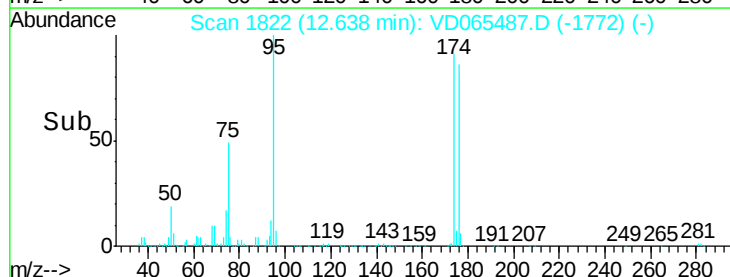
150000

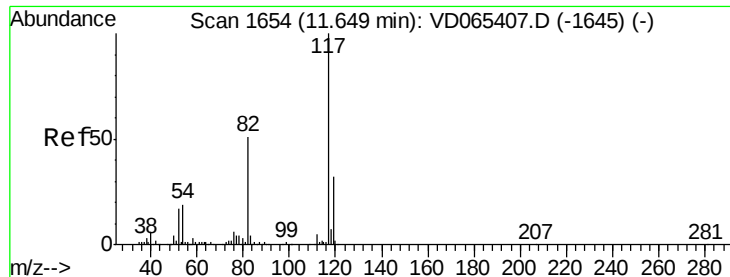
100000

50000

0

Time--> 12.55 12.60 12.65 12.70





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD065487.D

Acq: 12 Mar 2020 16:52

Instrument :

MSVOA_D

ClientSampleId :

Z1-1A

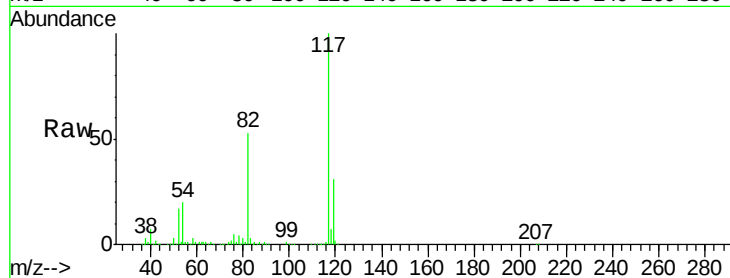
Tot Ion:117 Resp: 920813

Ion Ratio Lower Upper

117 100

82 52.9 40.6 60.8

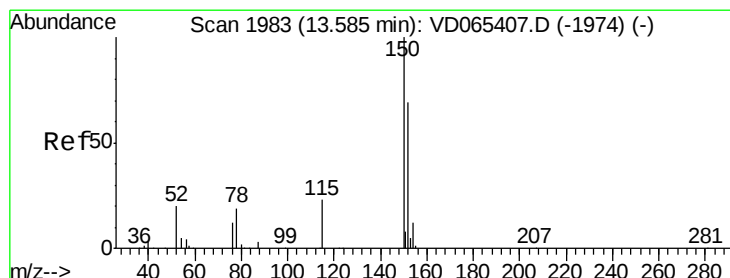
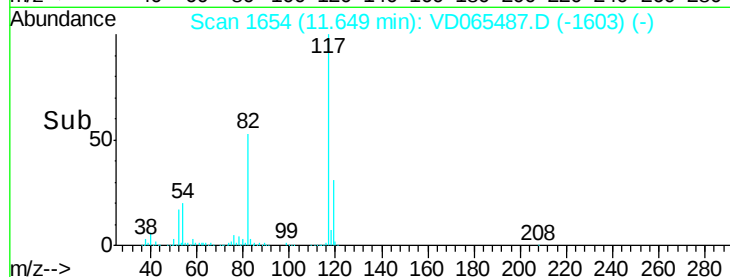
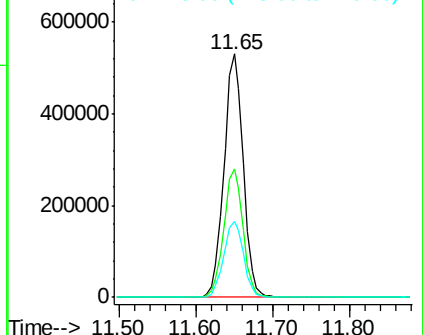
119 31.3 25.4 38.2



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. -0.00 min

Lab File: VD065487.D

Acq: 12 Mar 2020 16:52

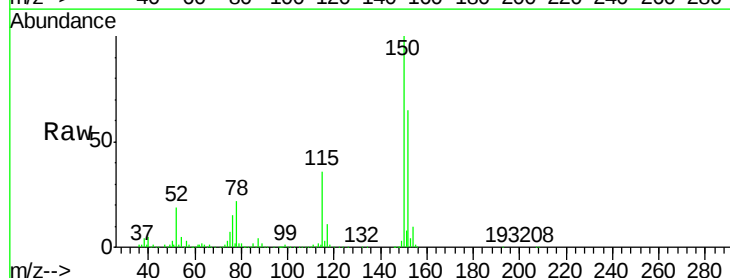
Tgt Ion:152 Resp: 426829

Ion Ratio Lower Upper

152 100

115 55.3 27.6 82.8

150 156.4 0.0 345.0



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

