

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031120\
 Data File : VD065480.D
 Acq On : 11 Mar 2020 14:32
 Operator : VA/SY
 Sample : L1873-05
 Misc : 6.66G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Mar 11 17:10:22 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	532555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	907755	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	842723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	373618	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	273436	59.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.72%	
35) Dibromofluoromethane	7.92	113	295596	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
50) Toluene-d8	10.34	98	1108534	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.64	95	332752	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	

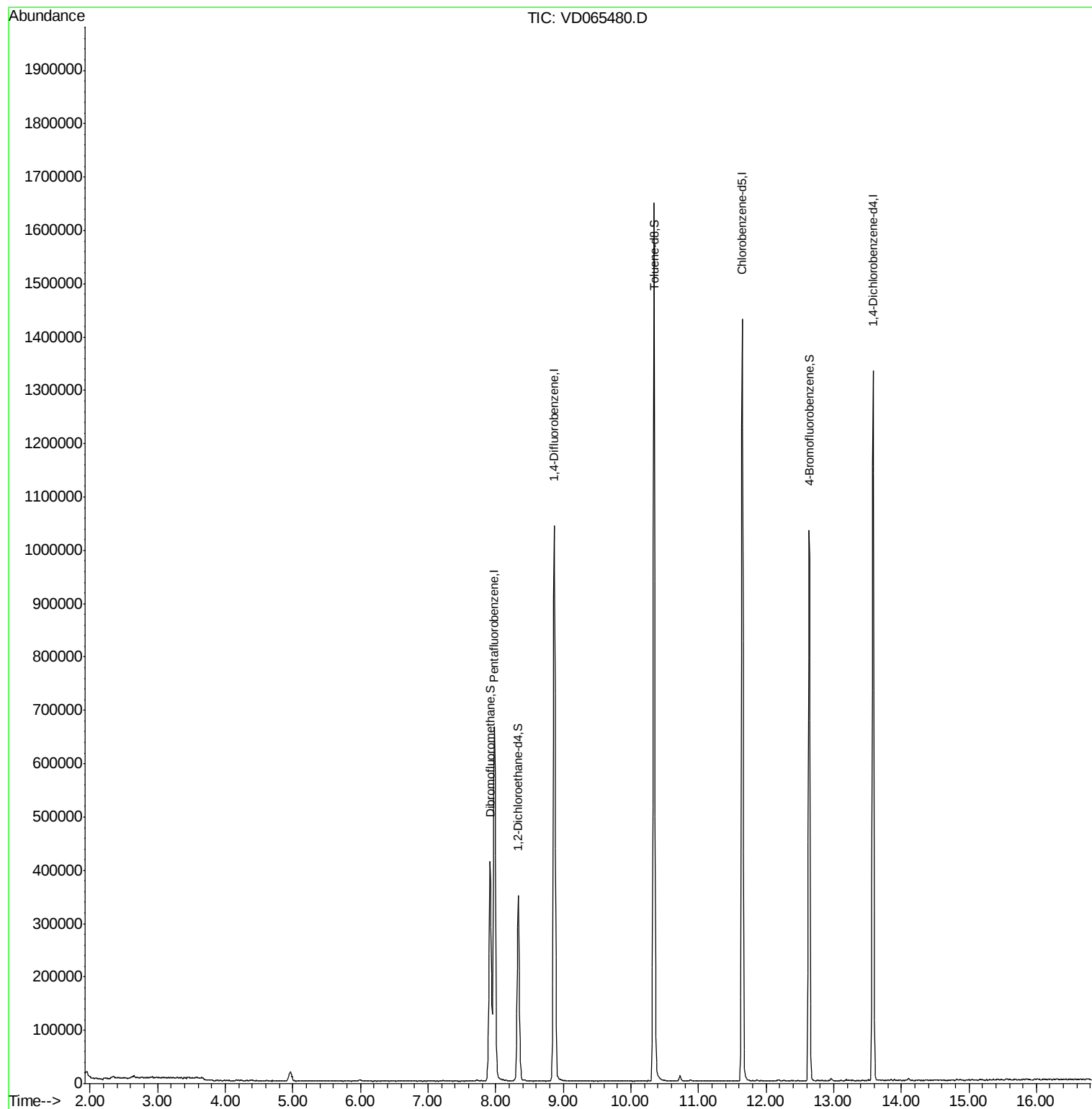
Target Compounds	Qvalue
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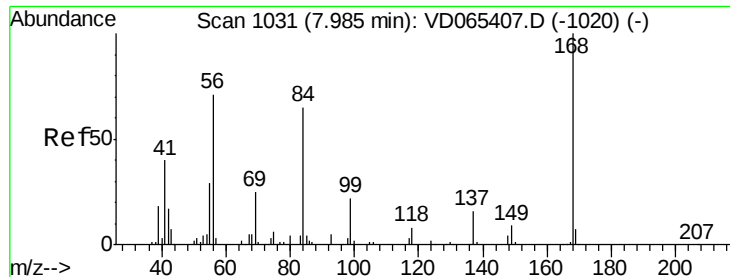
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065480.D

Acq: 11 Mar 2020 14:32

Instrument :

MSVOA_D

ClientSampleId :

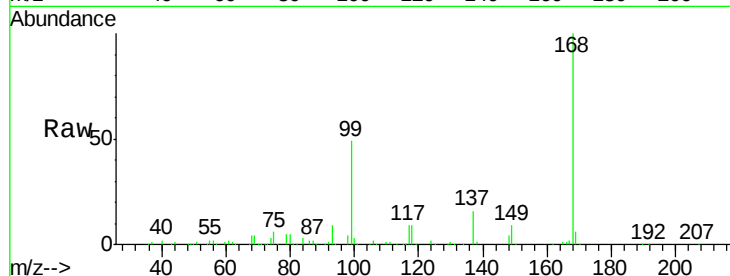
TP-3

Tot Ion:168 Resp: 532555

Ion Ratio Lower Upper

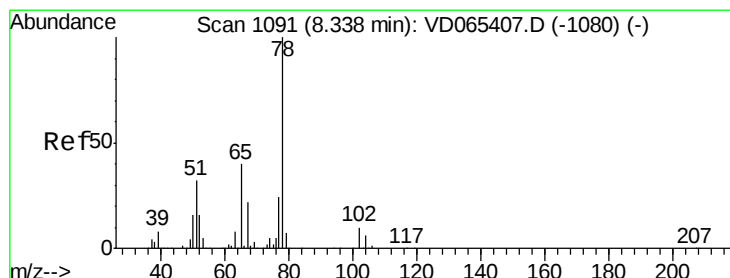
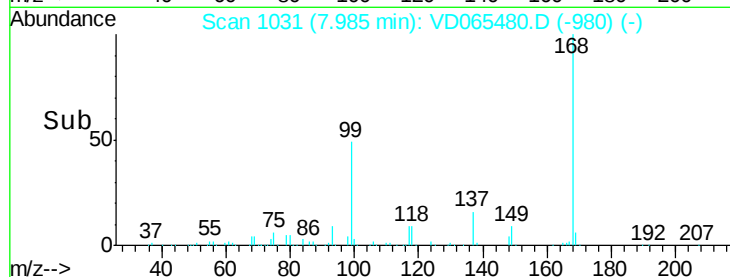
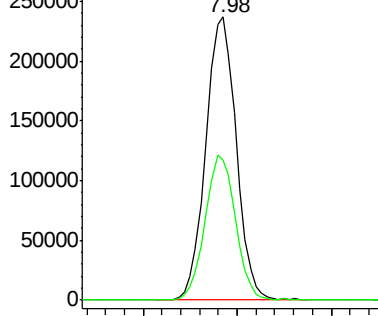
168 100

99 49.4 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: 59.856 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065480.D

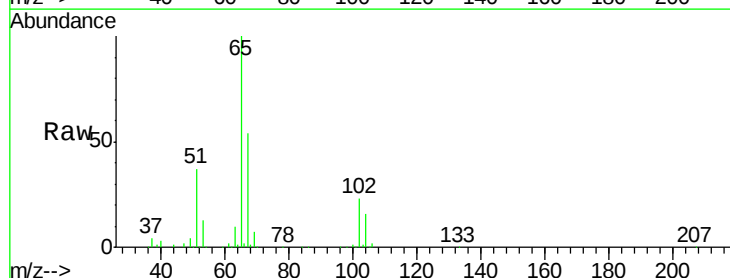
Acq: 11 Mar 2020 14:32

Tgt Ion: 65 Resp: 273436

Ion Ratio Lower Upper

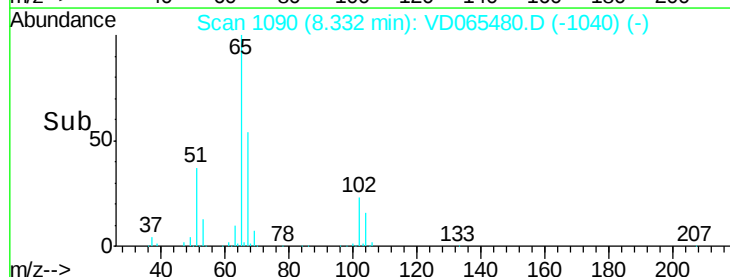
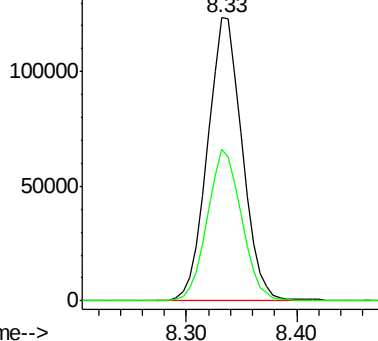
65 100

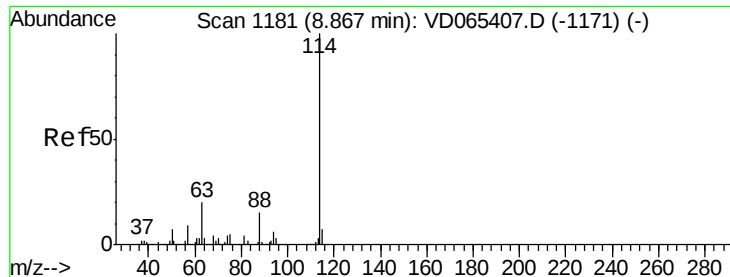
67 53.0 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

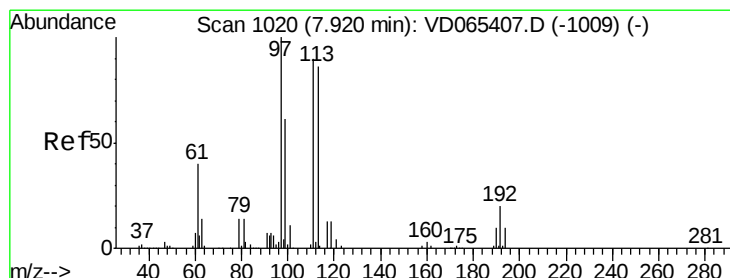
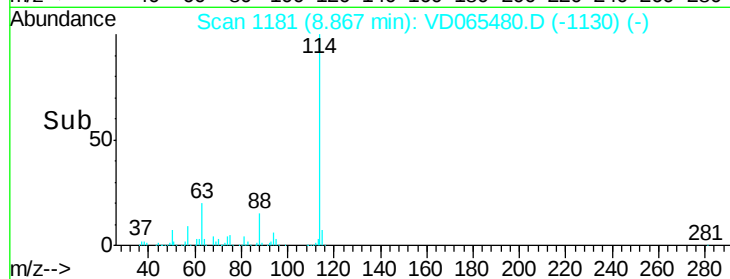
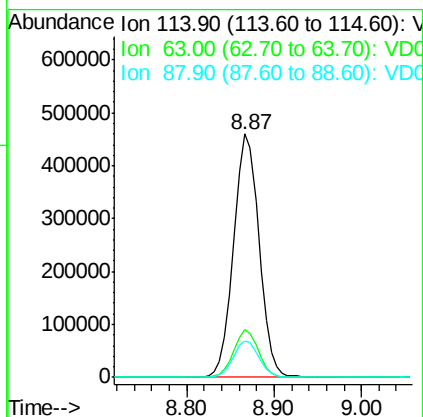
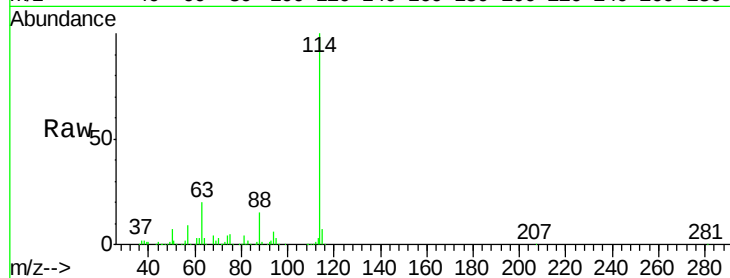




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065480.D
 Acq: 11 Mar 2020 14:32

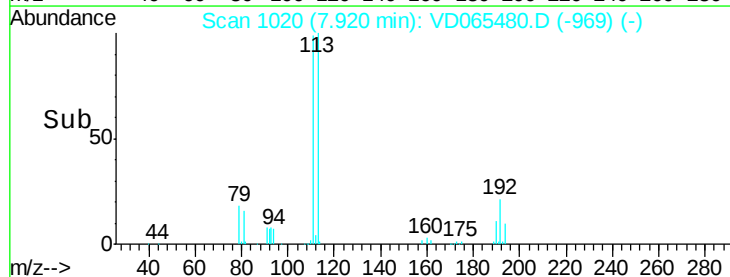
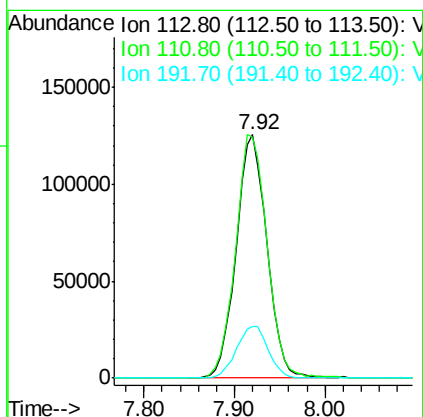
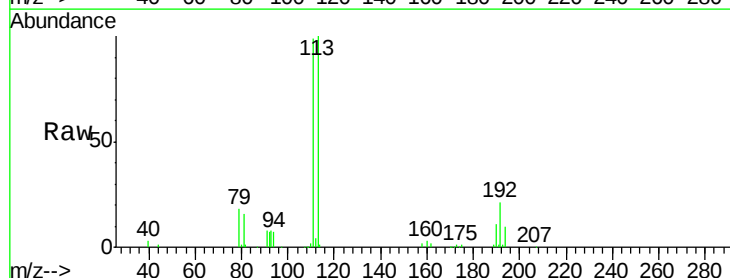
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

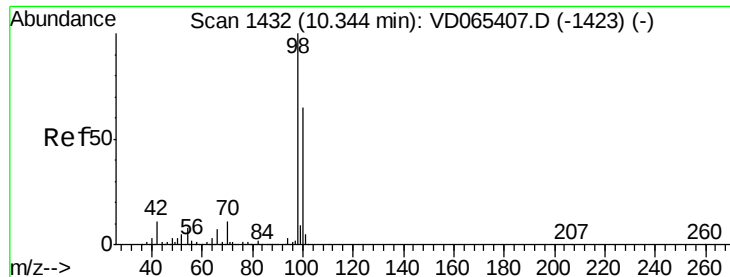
Tot Ion:114 Resp: 907755
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 15.0 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 52.657 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065480.D
 Acq: 11 Mar 2020 14:32

Tgt Ion:113 Resp: 295596
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.1 123.1
 192 22.0 17.2 25.8





#50

Toluene-d8

Concen: 51.474 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065480.D

Acq: 11 Mar 2020 14:32

Instrument :

MSVOA_D

ClientSampleId :

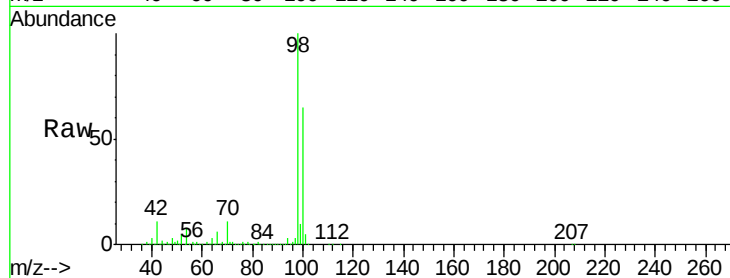
TP-3

Tot Ion: 98 Resp: 1108534

Ion Ratio Lower Upper

98 100

100 65.2 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

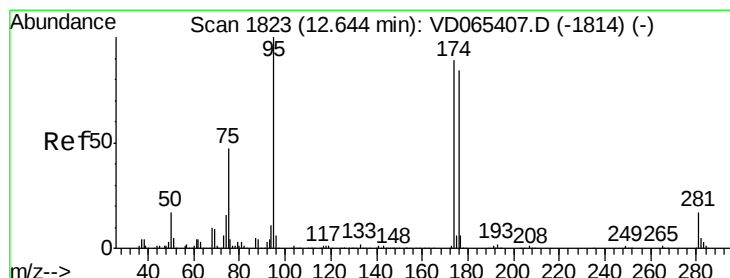
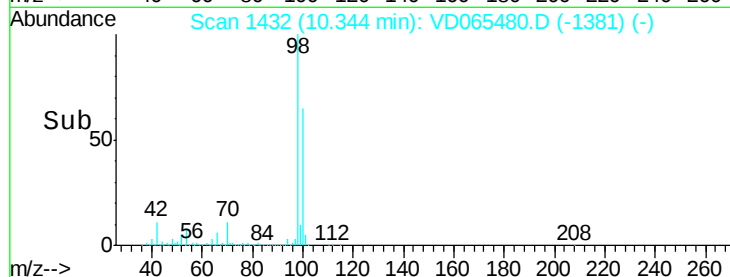
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.051 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065480.D

Acq: 11 Mar 2020 14:32

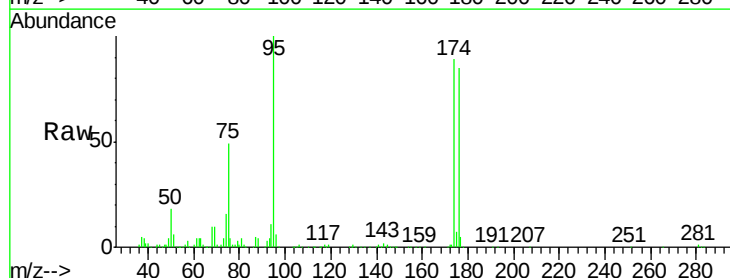
Tgt Ion: 95 Resp: 332752

Ion Ratio Lower Upper

95 100

174 91.8 0.0 176.8

176 87.6 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

250000

200000

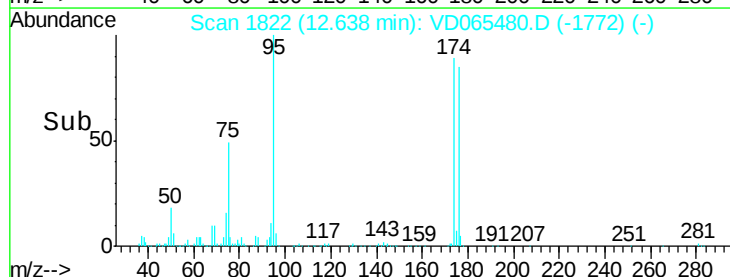
150000

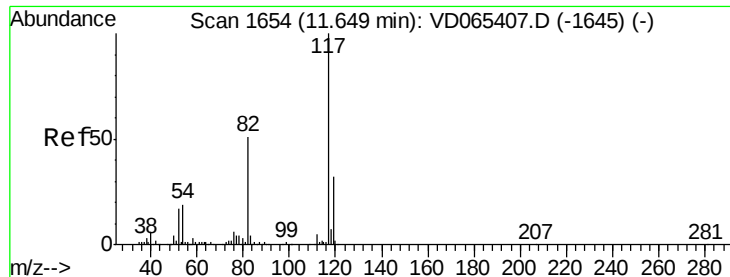
100000

50000

0

Time-->

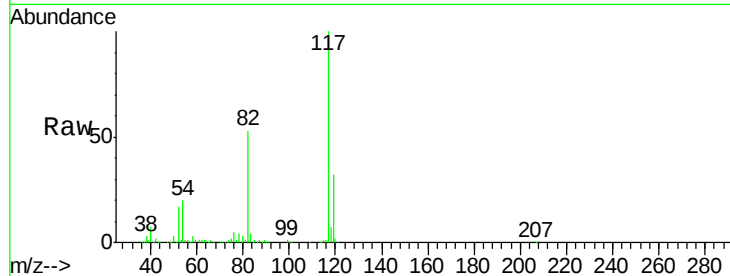




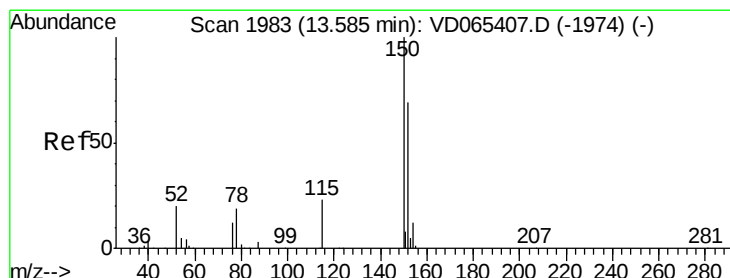
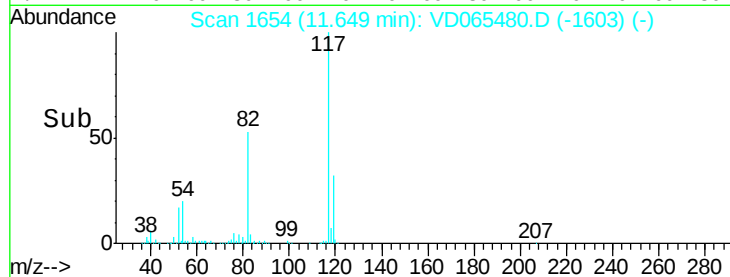
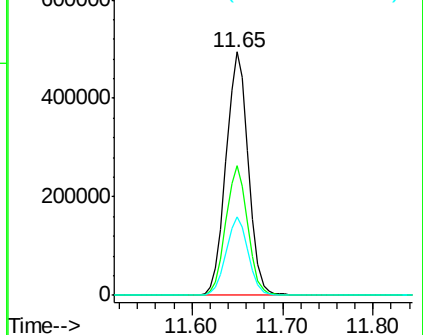
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065480.D
Acq: 11 Mar 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tot Ion:117 Resp: 842723
Ion Ratio Lower Upper
117 100
82 53.3 40.6 60.8
119 32.2 25.4 38.2

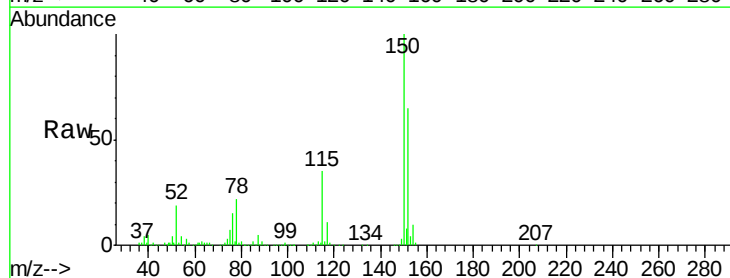


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065480.D
Acq: 11 Mar 2020 14:32

Tgt Ion:152 Resp: 373618
Ion Ratio Lower Upper
152 100
115 54.9 27.6 82.8
150 155.9 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

