

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031020\
 Data File : VD065463.D
 Acq On : 10 Mar 2020 15:30
 Operator : VA/SY
 Sample : L1873-01
 Misc : 6.58G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Mar 11 02:10:36 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	536638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	941058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	867543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	396379	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	278861	60.58	ug/l	0.00
Spiked Amount						
			Recovery	=	121.16%	
35) Dibromofluoromethane	7.91	113	303179	52.10	ug/l	0.00
Spiked Amount						
			Recovery	=	104.20%	
50) Toluene-d8	10.34	98	1130934	50.66	ug/l	0.00
Spiked Amount						
			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.64	95	345527	50.13	ug/l	0.00
Spiked Amount						
			Recovery	=	100.26%	

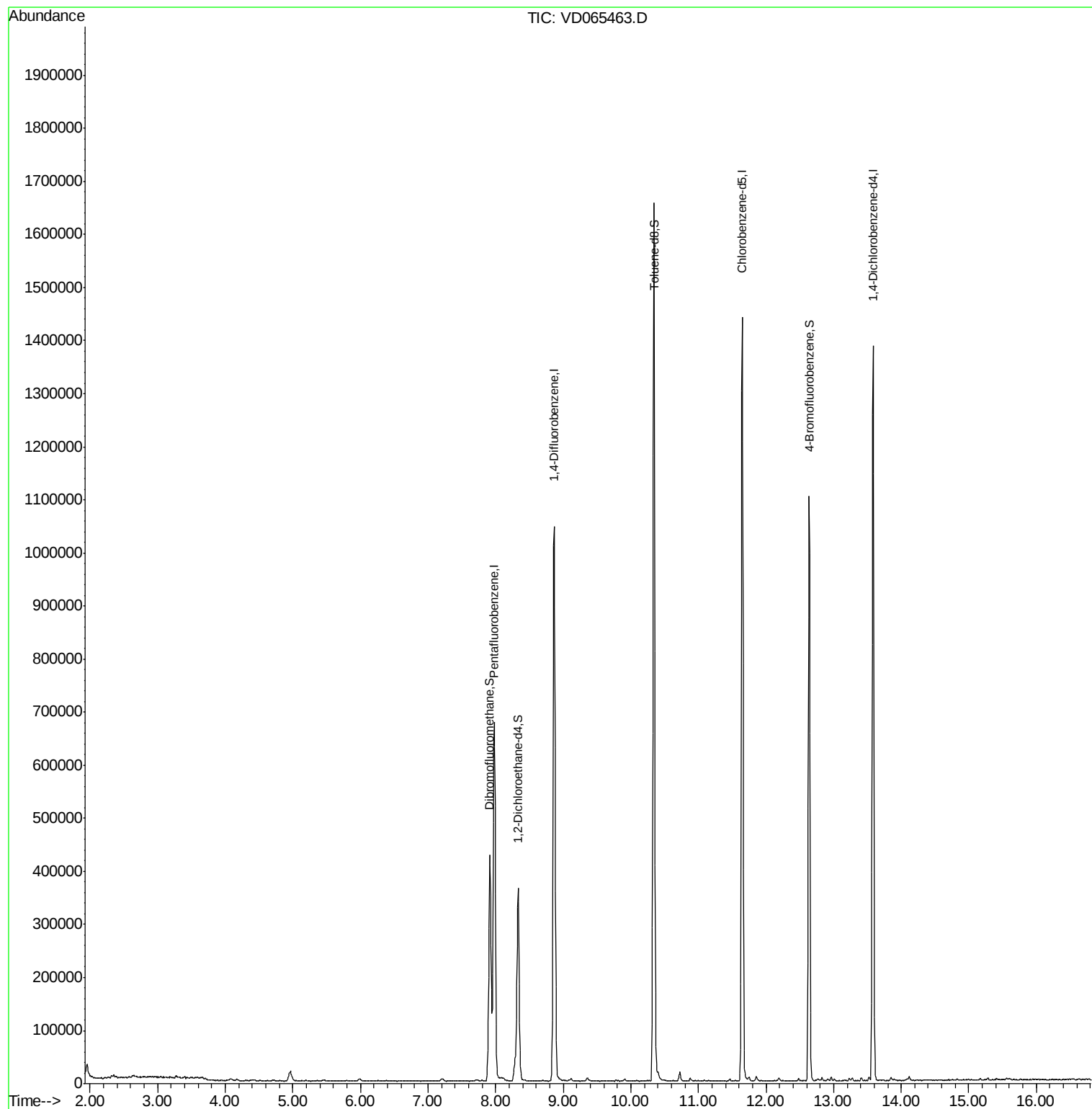
Target Compounds	Qvalue
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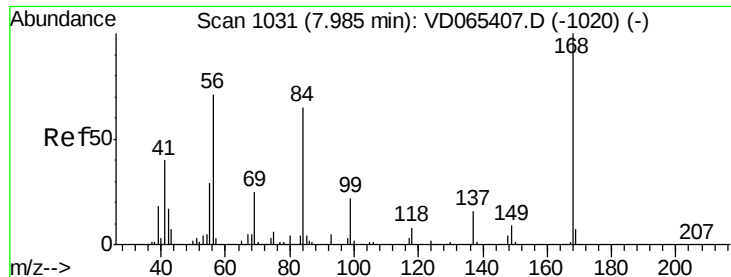
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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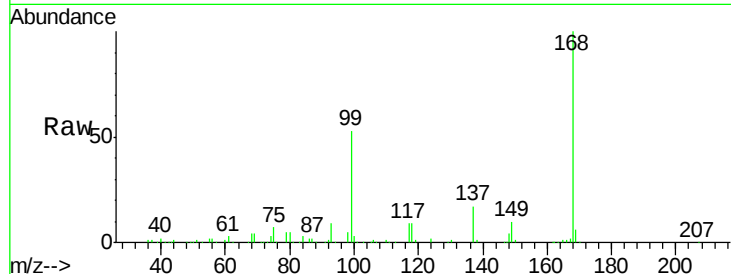




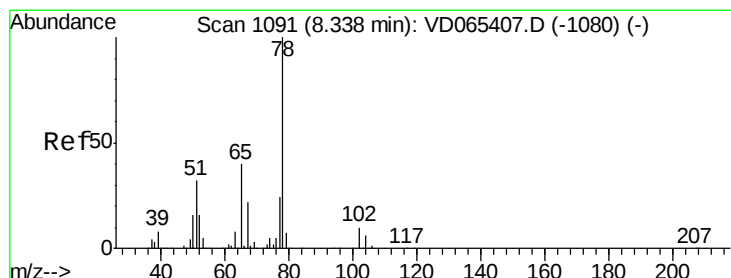
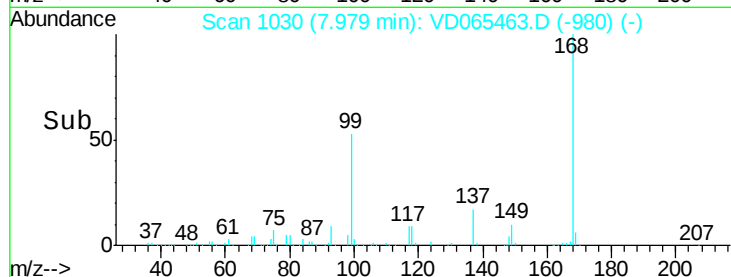
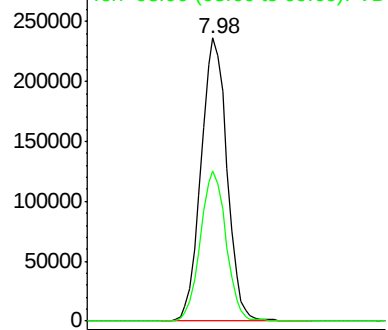
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065463.D
Acq: 10 Mar 2020 15:30

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion:168 Resp: 536638
Ion Ratio Lower Upper
168 100
99 52.9 41.5 62.3

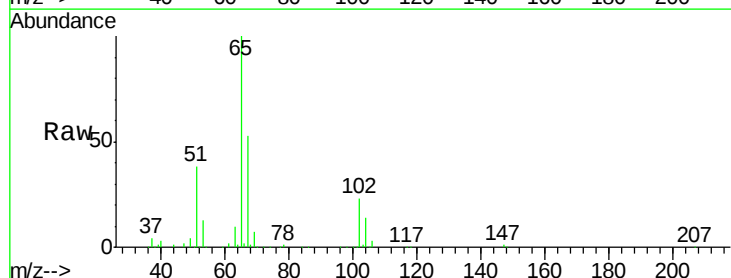


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

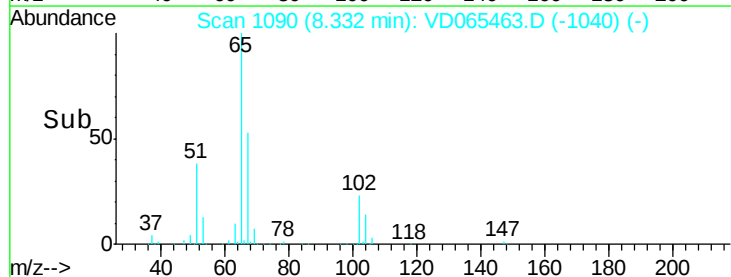
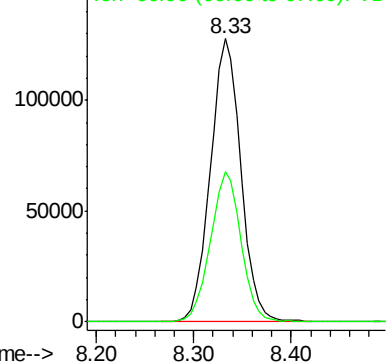


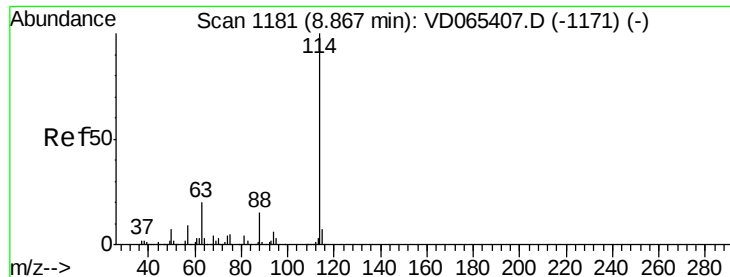
#33
1,2-Dichloroethane-d4
Concen: 60.579 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065463.D
Acq: 10 Mar 2020 15:30

Tgt Ion: 65 Resp: 278861
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.0



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

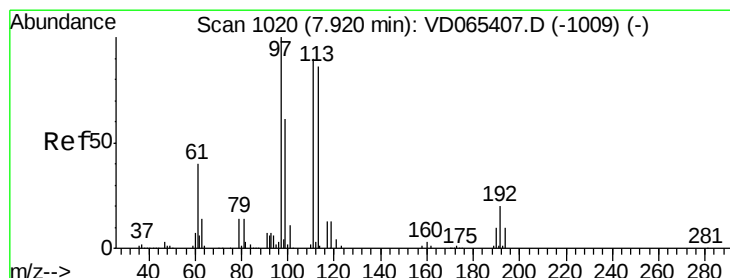
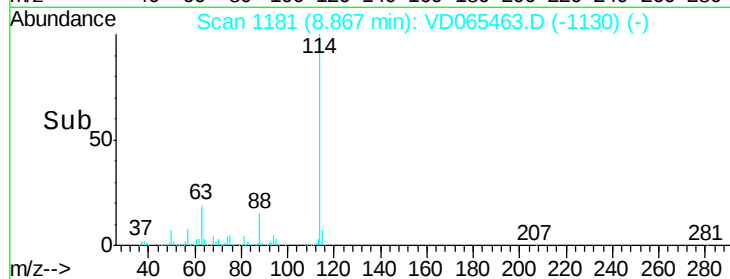
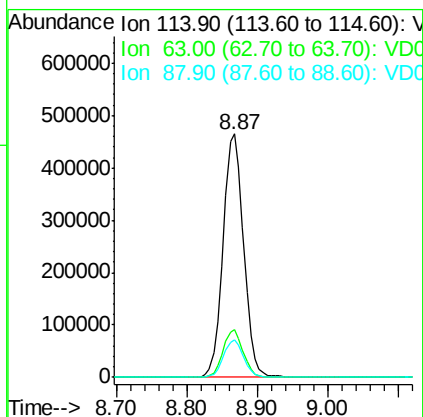
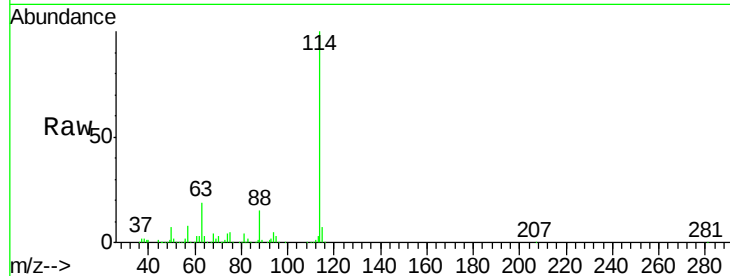




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065463.D
 Acq: 10 Mar 2020 15:30

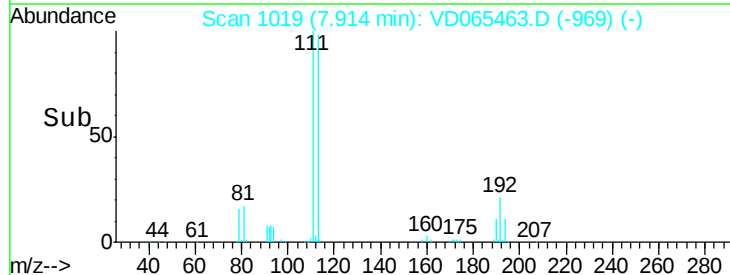
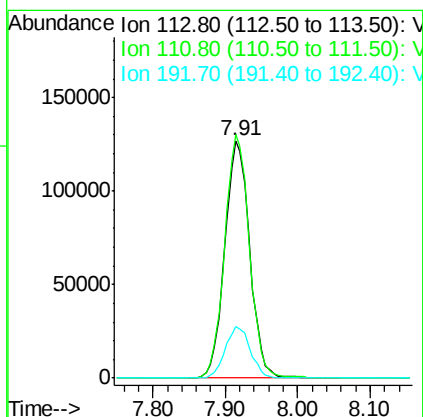
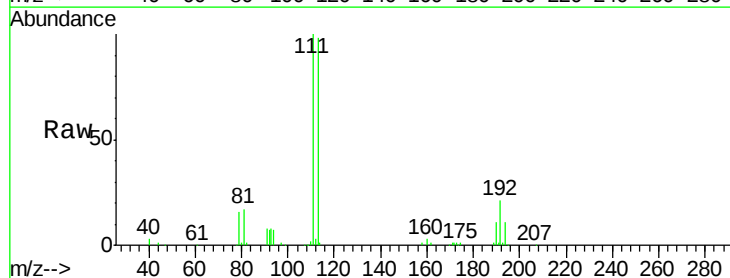
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

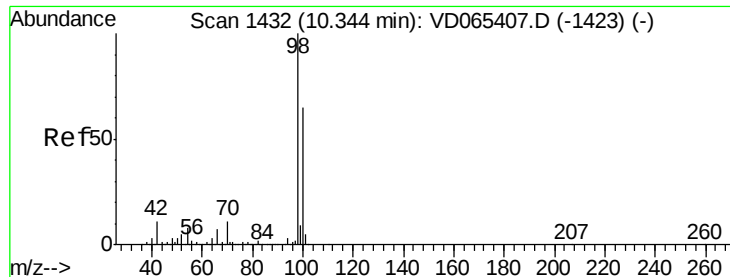
Tot Ion:114 Resp: 941058
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.6
 88 15.4 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 52.097 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065463.D
 Acq: 10 Mar 2020 15:30

Tgt Ion:113 Resp: 303179
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.1 123.1
 192 22.0 17.2 25.8





#50

Toluene-d8

Concen: 50.655 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065463.D

Acq: 10 Mar 2020 15:30

Instrument :

MSVOA_D

ClientSampleId :

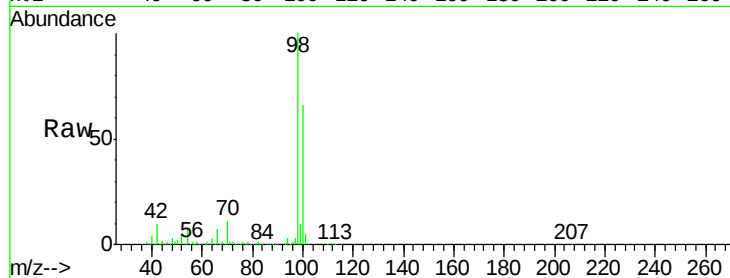
TP-1

Tot Ion: 98 Resp: 1130934

Ion Ratio Lower Upper

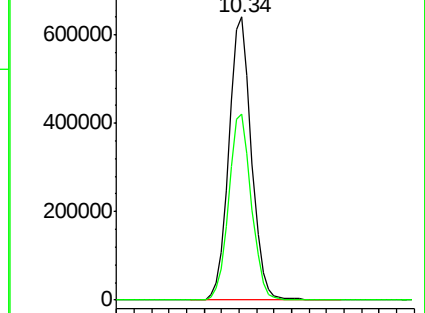
98 100

100 66.1 52.8 79.2

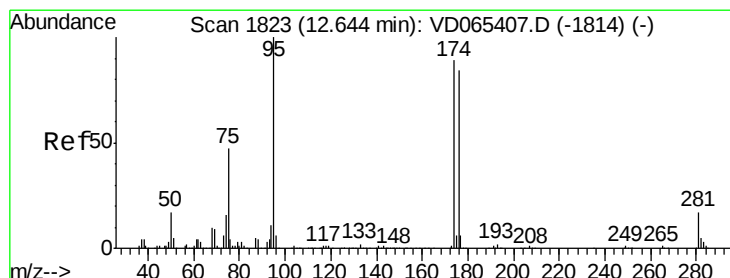
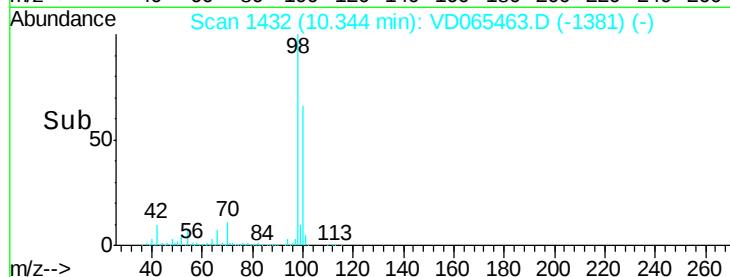


Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 50.133 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065463.D

Acq: 10 Mar 2020 15:30

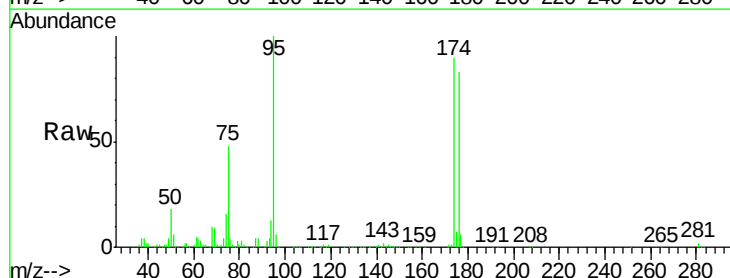
Tgt Ion: 95 Resp: 345527

Ion Ratio Lower Upper

95 100

174 91.8 0.0 176.8

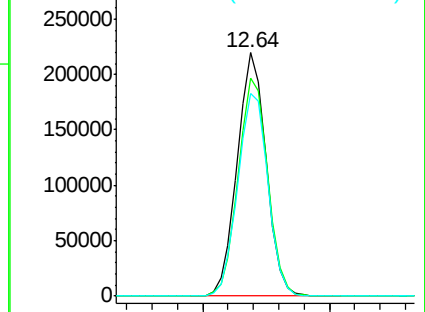
176 86.9 0.0 171.4



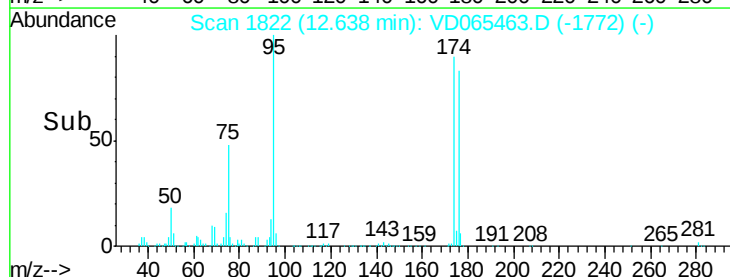
Abundance Ion 94.90 (94.60 to 95.60): VDC

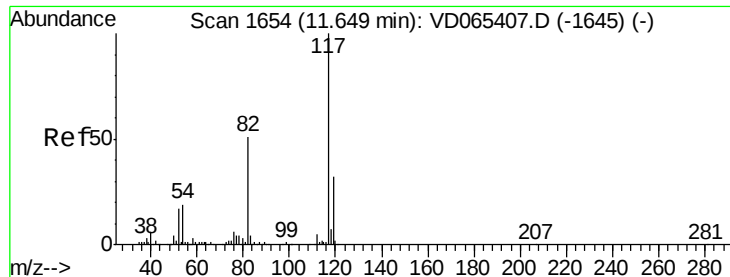
Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC



Time--> 12.60 12.70

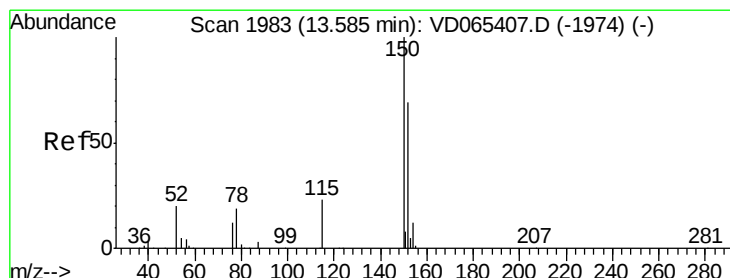
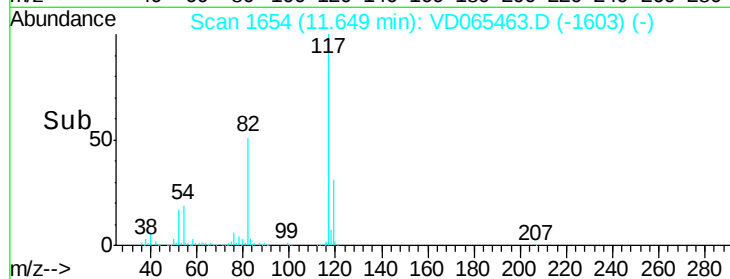
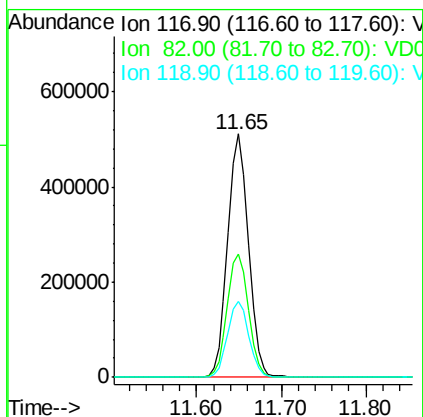
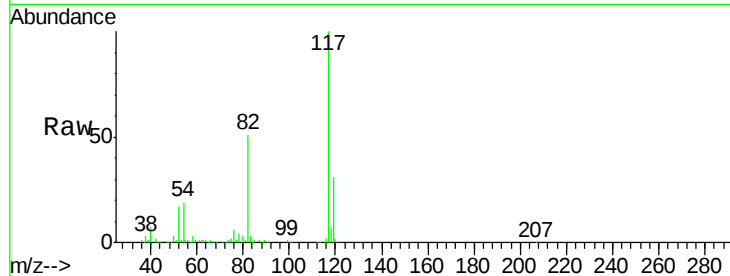




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065463.D
Acq: 10 Mar 2020 15:30

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion:117 Resp: 867543
Ion Ratio Lower Upper
117 100
82 50.9 40.6 60.8
119 31.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065463.D
Acq: 10 Mar 2020 15:30

Tgt Ion:152 Resp: 396379
Ion Ratio Lower Upper
152 100
115 54.6 27.6 82.8
150 154.5 0.0 345.0

