

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031320\
 Data File : VD065499.D
 Acq On : 13 Mar 2020 11:14
 Operator : VA/SY
 Sample : VD0313SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0313SBL01

Quant Time: Mar 16 02:09:20 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	552021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	937165	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	904931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	415425	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	283750	59.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.84%	
35) Dibromofluoromethane	7.91	113	300335	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
50) Toluene-d8	10.34	98	1164721	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.64	95	365249	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	

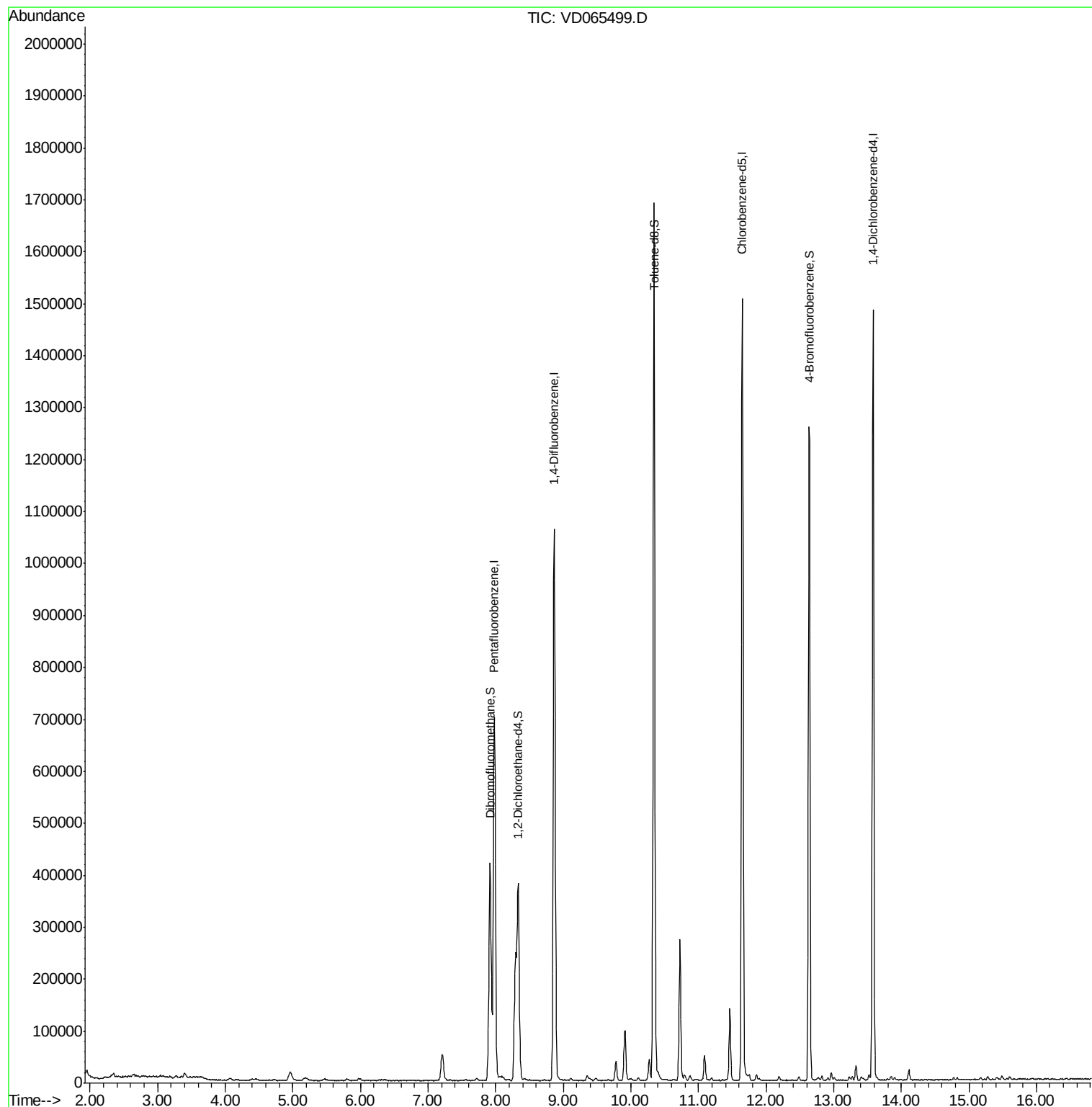
Target Compounds	Qvalue

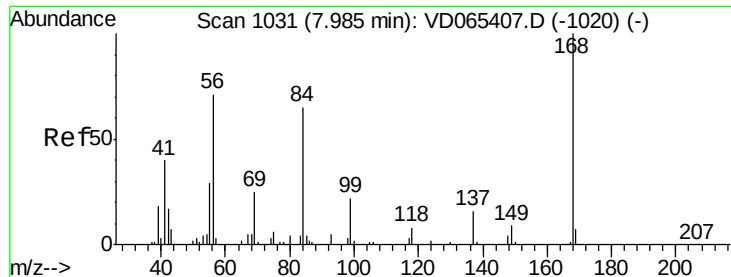
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD065499.D

Acq: 13 Mar 2020 11:14

Instrument :

MSVOA_D

ClientSampleId :

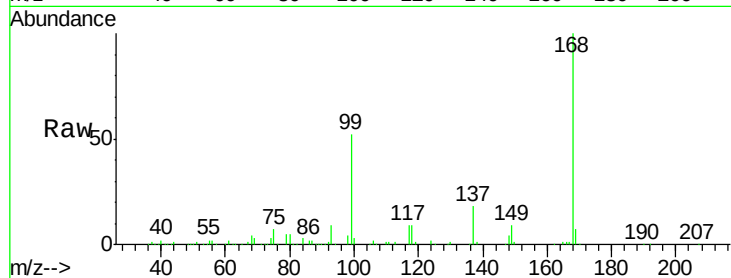
VD0313SBL01

Tot Ion:168 Resp: 552021

Ion Ratio Lower Upper

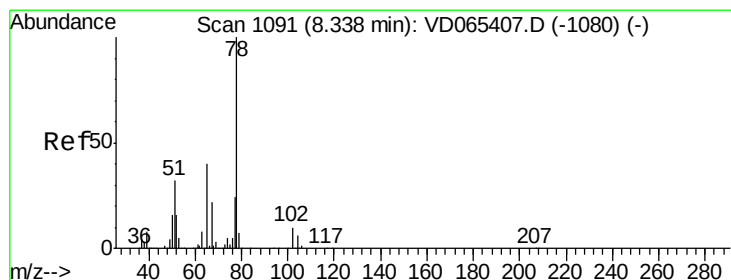
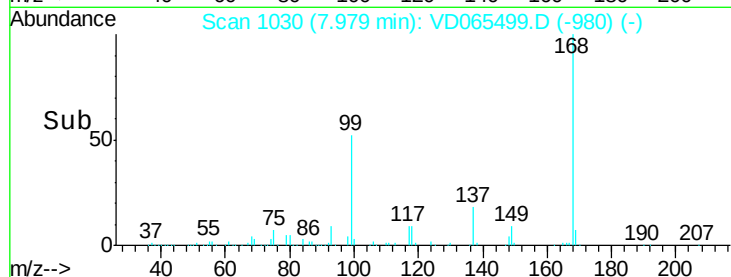
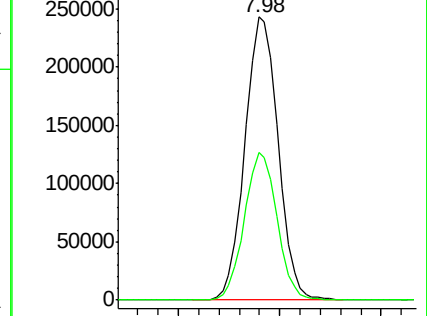
168 100

99 51.8 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: 59.923 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065499.D

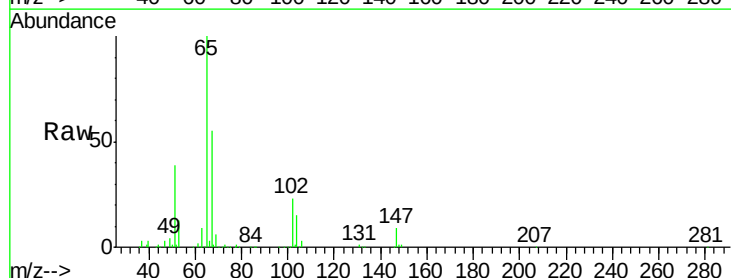
Acq: 13 Mar 2020 11:14

Tgt Ion: 65 Resp: 283750

Ion Ratio Lower Upper

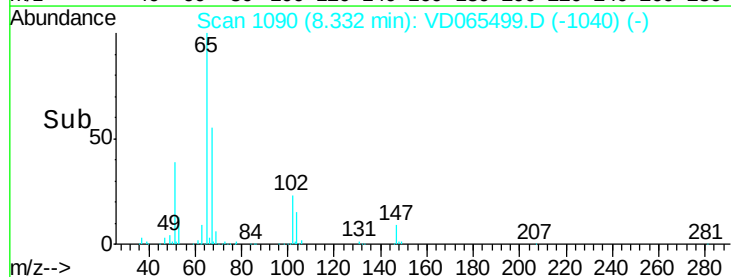
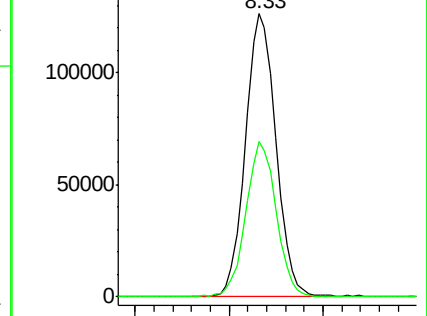
65 100

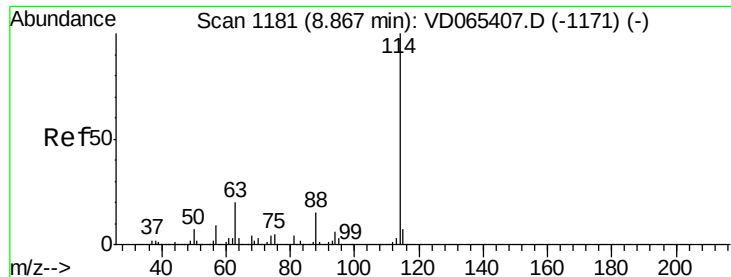
67 55.1 0.0 108.0



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: VD065499.D

Acq: 13 Mar 2020 11:14

Instrument :

MSVOA_D

ClientSampleId :

VD0313SBL01

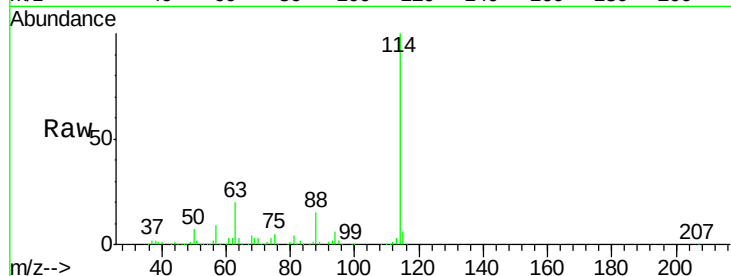
Tot Ion:114 Resp: 937165

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 15.1 0.0 30.4



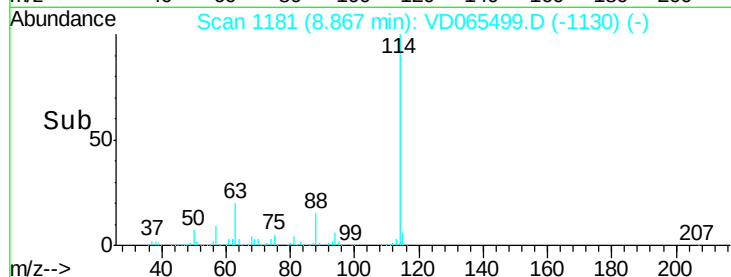
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

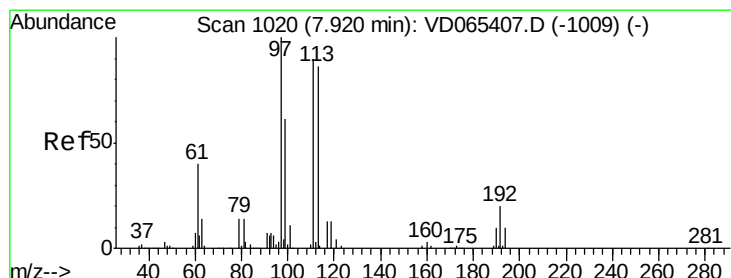
Ion 87.90 (87.60 to 88.60): V

8.87

Time-->



Time-->



#35

Dibromofluoromethane

Concen: 51.822 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD065499.D

Acq: 13 Mar 2020 11:14

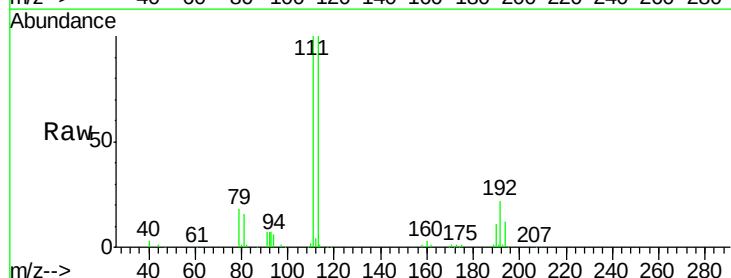
Tgt Ion:113 Resp: 300335

Ion Ratio Lower Upper

113 100

111 102.9 82.1 123.1

192 22.9 17.2 25.8



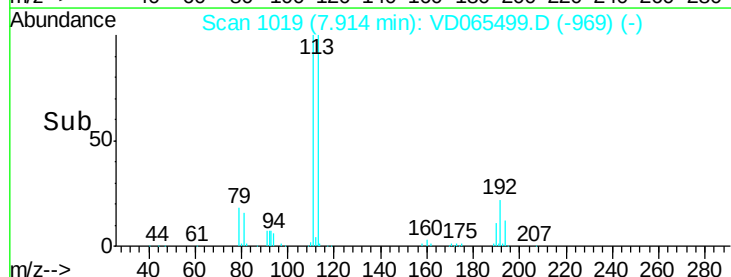
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

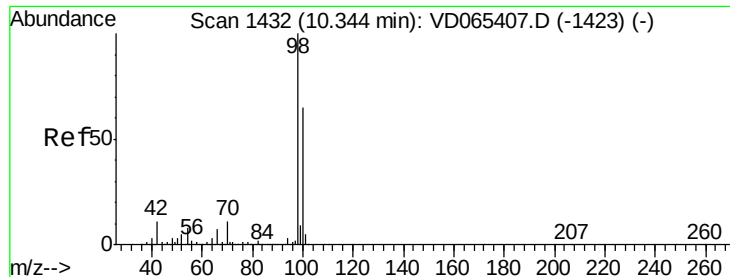
Ion 191.70 (191.40 to 192.40): V

7.91

Time-->



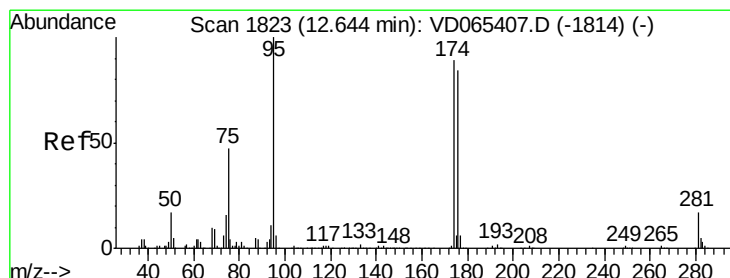
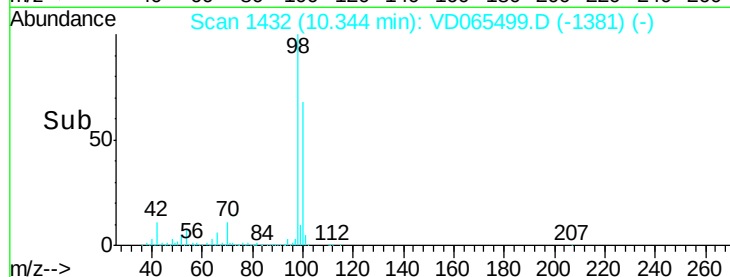
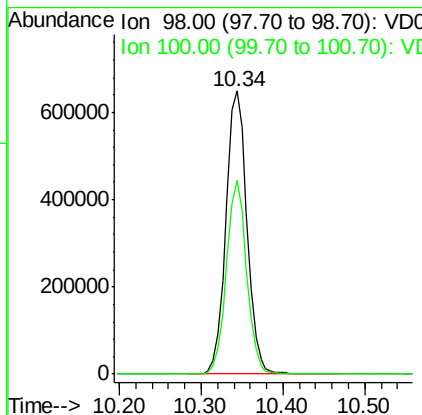
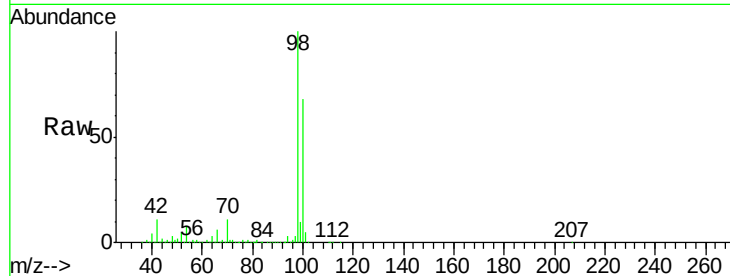
Time-->



#50
Toluene-d8
Concen: 52.385 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065499.D
Acq: 13 Mar 2020 11:14

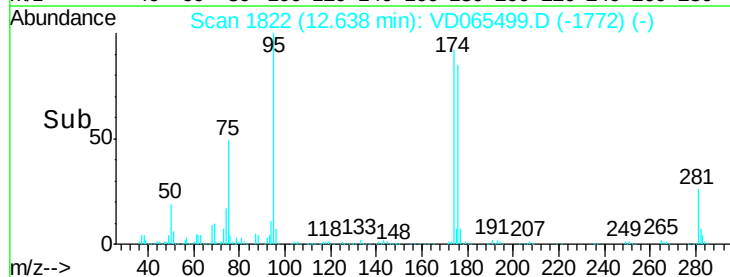
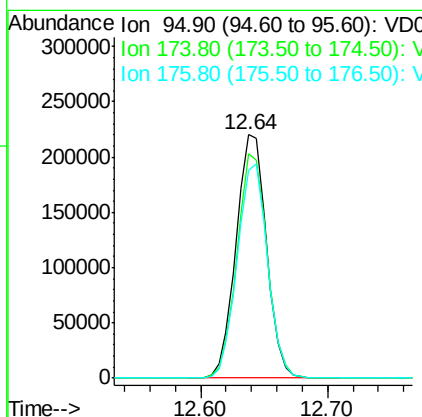
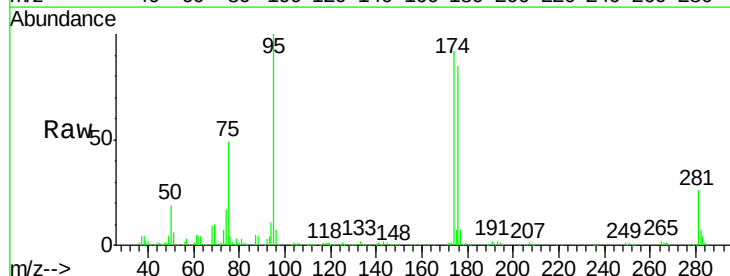
Instrument :
MSVOA_D
ClientSampleId :
VD0313SBL01

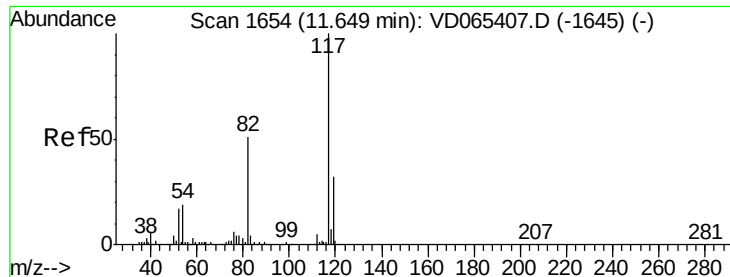
Tot Ion: 98 Resp: 1164721
Ion Ratio Lower Upper
98 100
100 65.9 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 53.215 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VD065499.D
Acq: 13 Mar 2020 11:14

Tgt Ion: 95 Resp: 365249
Ion Ratio Lower Upper
95 100
174 91.9 0.0 176.8
176 87.6 0.0 171.4

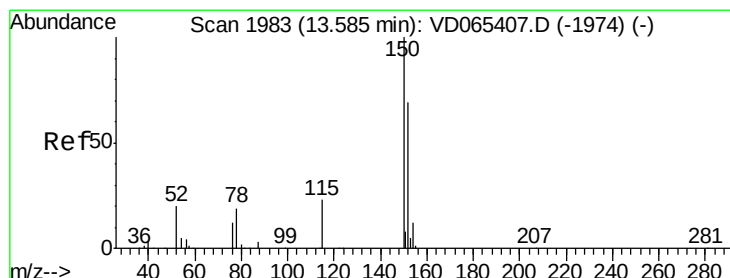
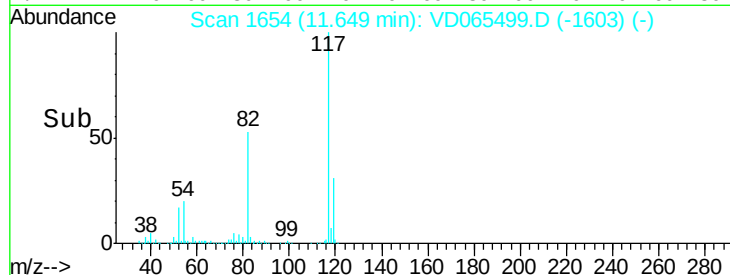
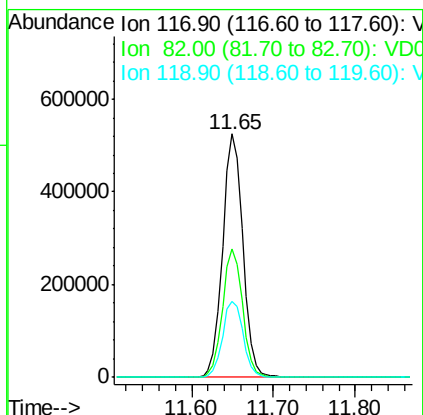
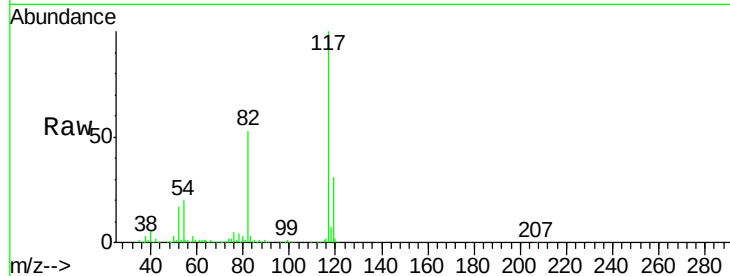




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065499.D
Acq: 13 Mar 2020 11:14

Instrument :
MSVOA_D
ClientSampleId :
VD0313SBL01

Tot Ion:117 Resp: 904931
Ion Ratio Lower Upper
117 100
82 52.7 40.6 60.8
119 31.3 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: VD065499.D
Acq: 13 Mar 2020 11:14

Tgt Ion:152 Resp: 415425
Ion Ratio Lower Upper
152 100
115 54.4 27.6 82.8
150 157.3 0.0 345.0

