

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\
 Data File : VD065994.D
 Acq On : 22 Jul 2020 11:46
 Operator : VA/SY
 Sample : VD0722SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0722SBL01

Quant Time: Jul 22 15:49:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	364549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	539746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	497458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	244431	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	159712	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
35) Dibromofluoromethane	7.92	113	168408	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	10.34	98	622853	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.64	95	209985	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	

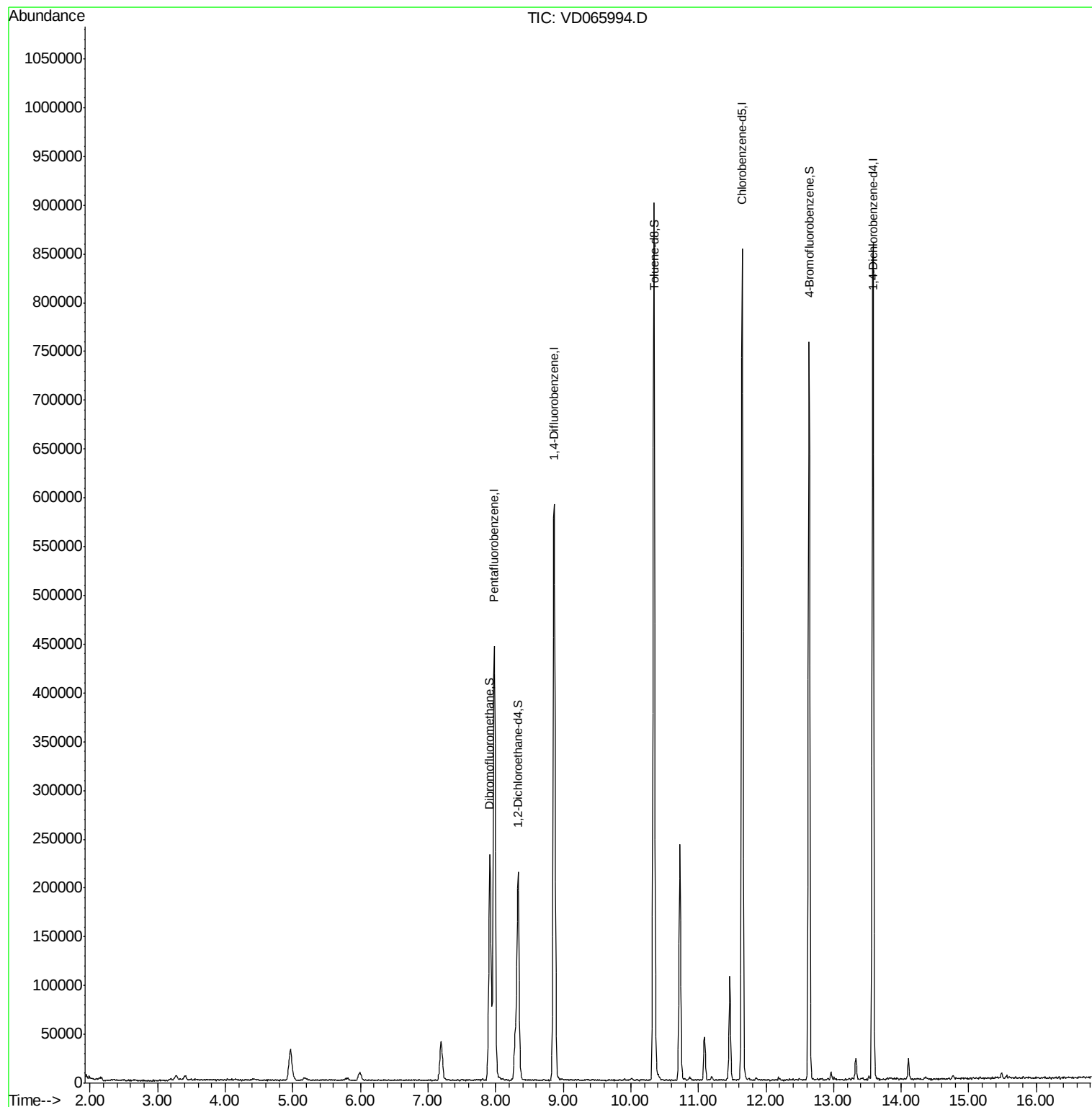
Target Compounds	Qvalue

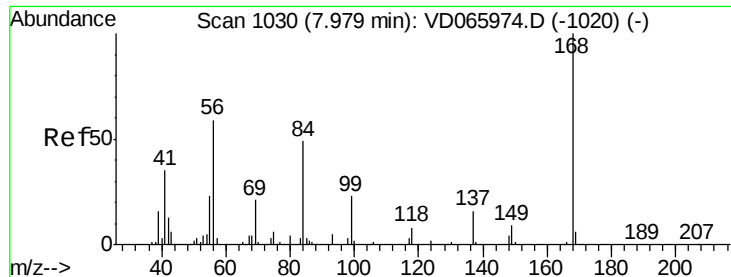
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065994.D

Acq: 22 Jul 2020 11:46

Instrument :

MSVOA_D

ClientSampleId :

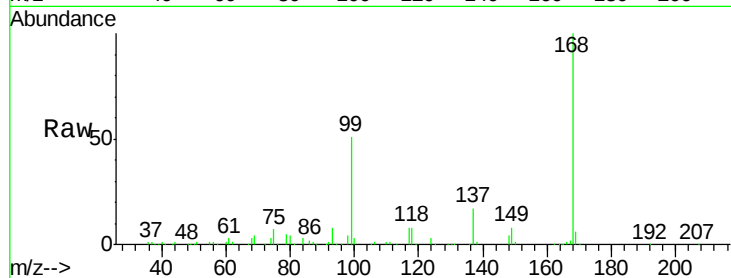
VD0722SBL01

Tot Ion:168 Resp: 364549

Ion Ratio Lower Upper

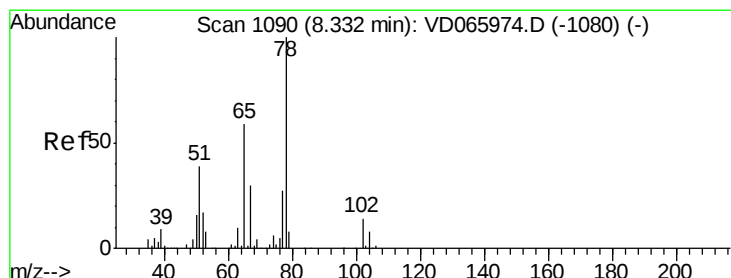
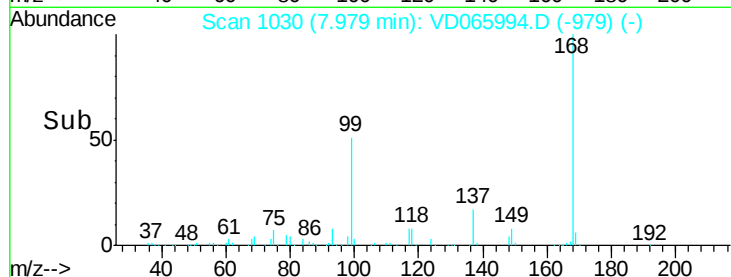
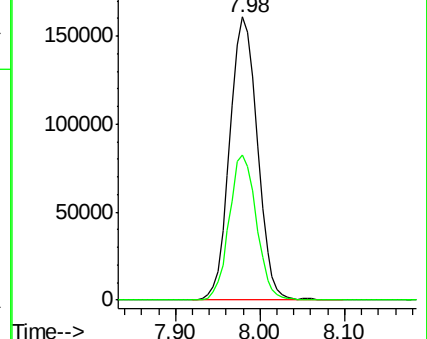
168 100

99 51.2 40.8 61.2



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: 53.842 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD065994.D

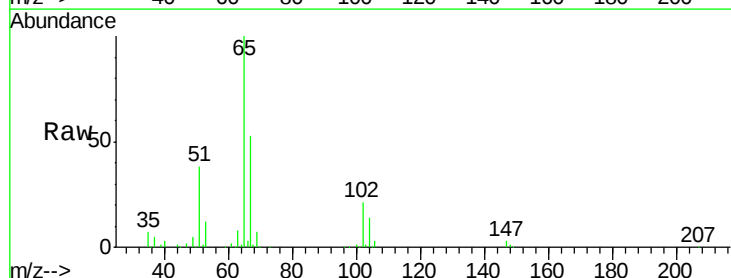
Acq: 22 Jul 2020 11:46

Tgt Ion: 65 Resp: 159712

Ion Ratio Lower Upper

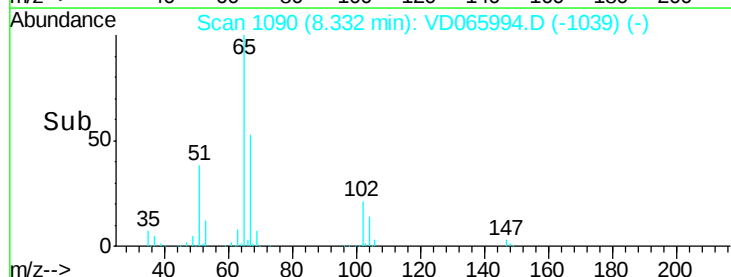
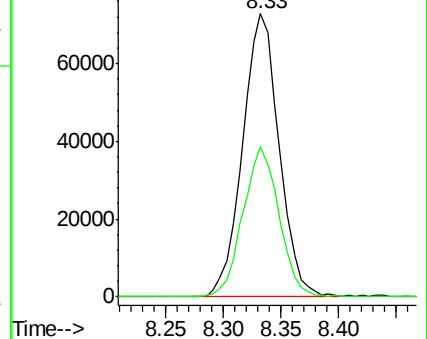
65 100

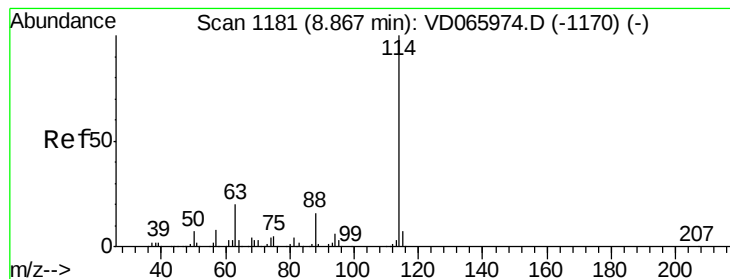
67 52.5 0.0 105.0



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: VD065994.D

Acq: 22 Jul 2020 11:46

Instrument :

MSVOA_D

ClientSampleId :

VD0722SBL01

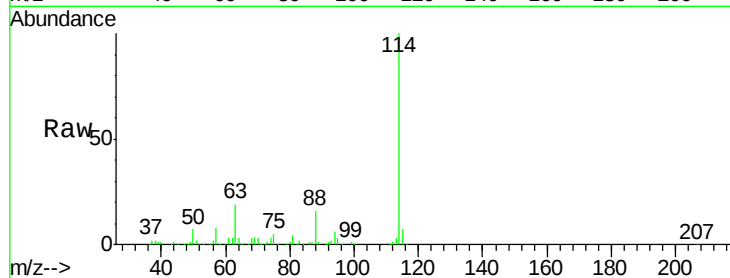
Tot Ion:114 Resp: 539746

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

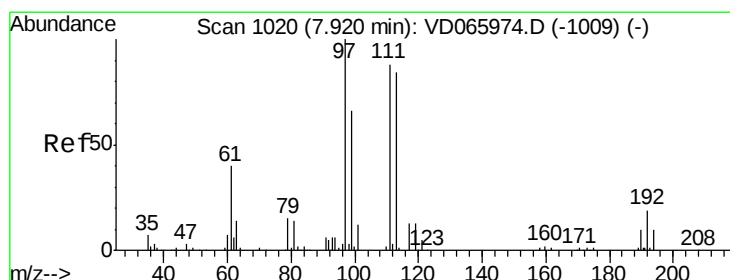
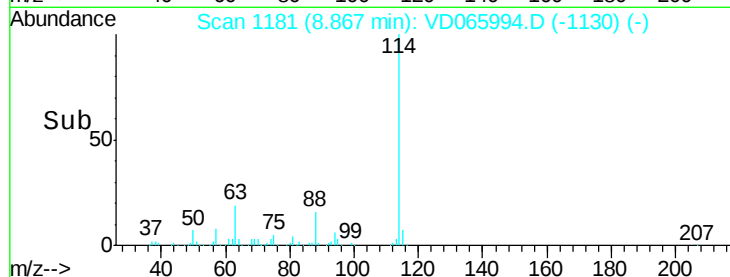
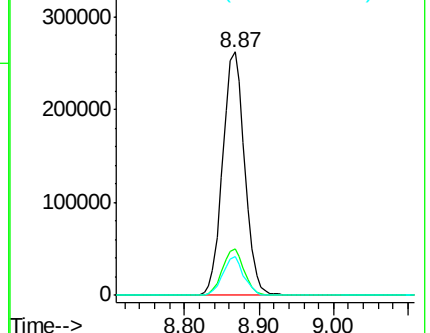
88 16.0 0.0 31.2



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: 51.442 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065994.D

Acq: 22 Jul 2020 11:46

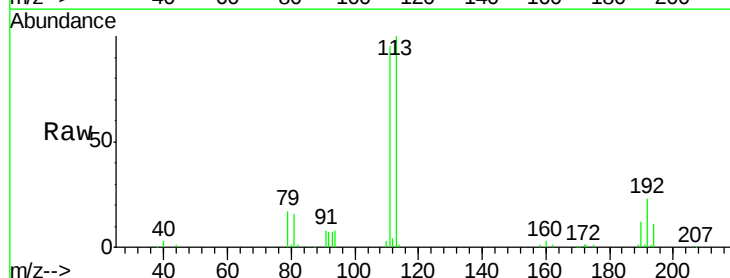
Tgt Ion:113 Resp: 168408

Ion Ratio Lower Upper

113 100

111 101.8 83.2 124.8

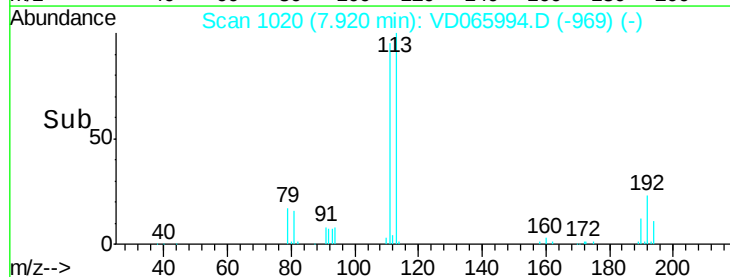
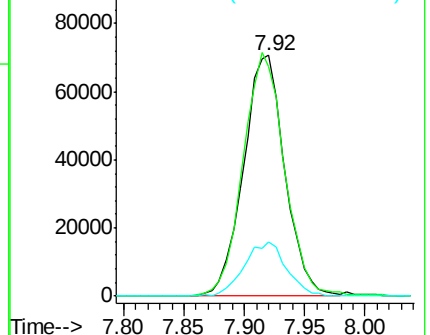
192 23.0 18.7 28.1

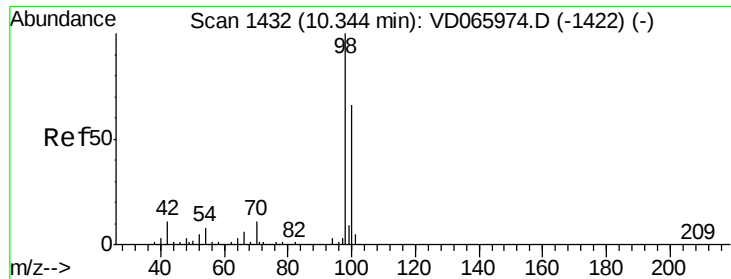


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.072 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065994.D

Acq: 22 Jul 2020 11:46

Instrument :

MSVOA_D

ClientSampleId :

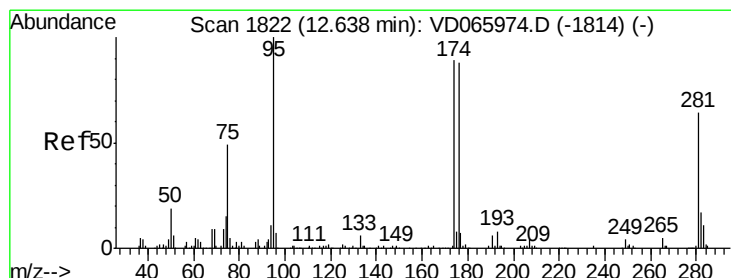
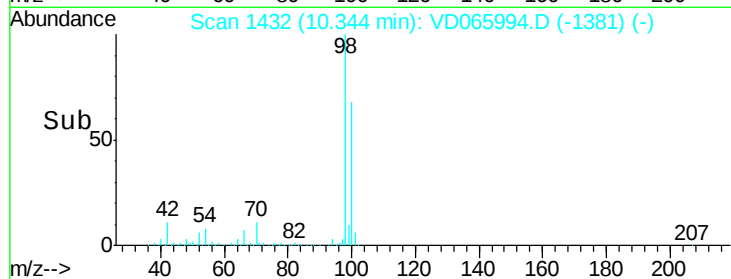
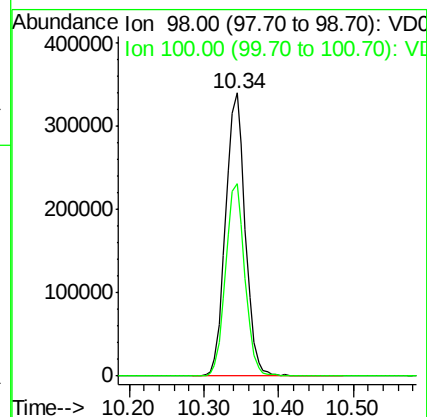
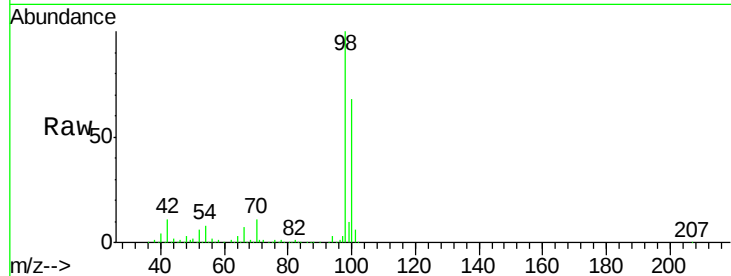
VD0722SBL01

Tot Ion: 98 Resp: 622853

Ion Ratio Lower Upper

98 100

100 66.9 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 49.658 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065994.D

Acq: 22 Jul 2020 11:46

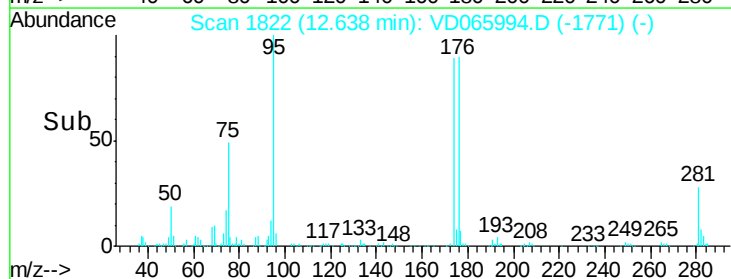
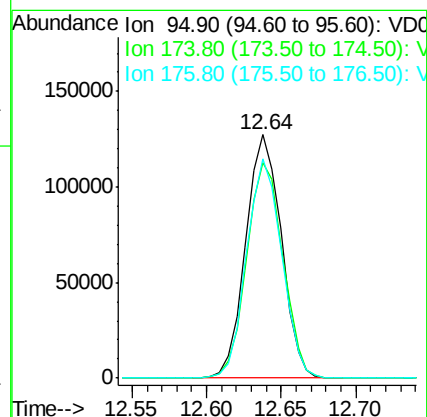
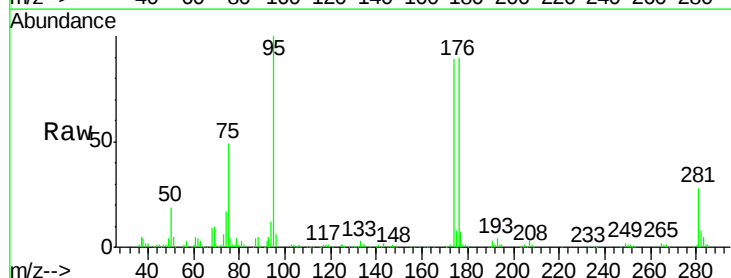
Tgt Ion: 95 Resp: 209985

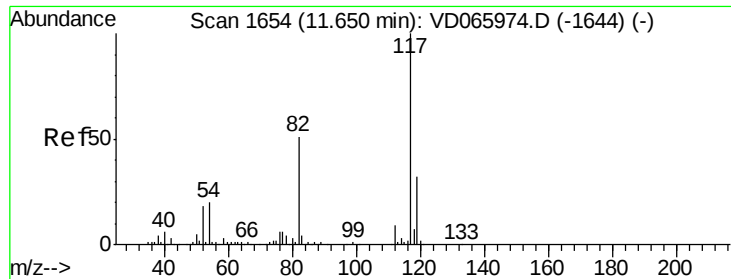
Ion Ratio Lower Upper

95 100

174 90.3 0.0 178.8

176 88.9 0.0 172.6

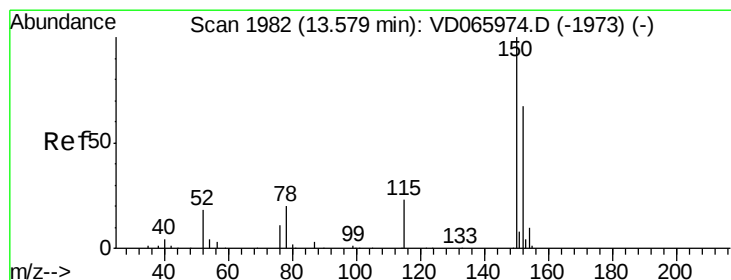
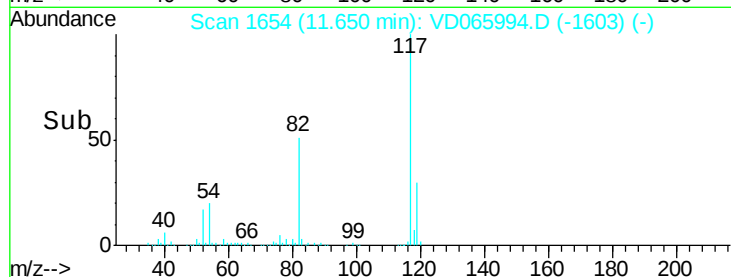
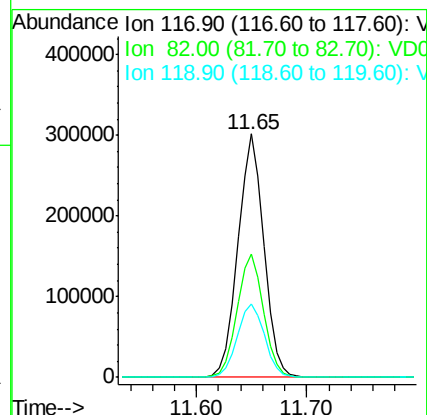
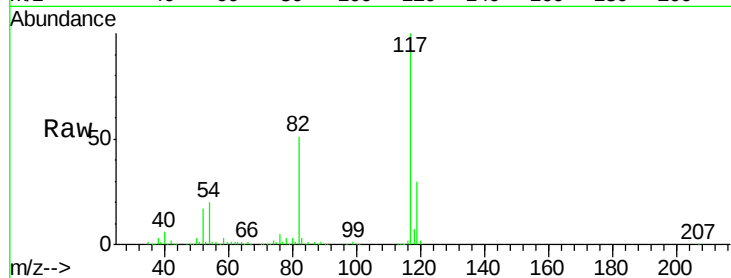




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065994.D
Acq: 22 Jul 2020 11:46

Instrument :
MSVOA_D
ClientSampleId :
VD0722SBL01

Tot Ion:117 Resp: 497458
Ion Ratio Lower Upper
117 100
82 50.7 41.1 61.7
119 30.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065994.D
Acq: 22 Jul 2020 11:46

Tgt Ion:152 Resp: 244431
Ion Ratio Lower Upper
152 100
115 54.1 27.9 83.7
150 159.2 0.0 348.2

