

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011320\
 Data File : VD064851.D
 Acq On : 13 Jan 2020 16:03
 Operator : VA/SY
 Sample : L1098-07
 Misc : 6.50G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7_13.5-14.0

Quant Time: Jan 14 11:56:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	480920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	778102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	728562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	343122	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	257255	60.66	ug/l	0.00
Spiked Amount			Recovery	=	121.32%	
35) Dibromofluoromethane	7.92	113	248837	52.13	ug/l	0.00
Spiked Amount			Recovery	=	104.26%	
50) Toluene-d8	10.34	98	942396	51.54	ug/l	0.00
Spiked Amount			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.64	95	300721	52.02	ug/l	0.00
Spiked Amount			Recovery	=	104.04%	

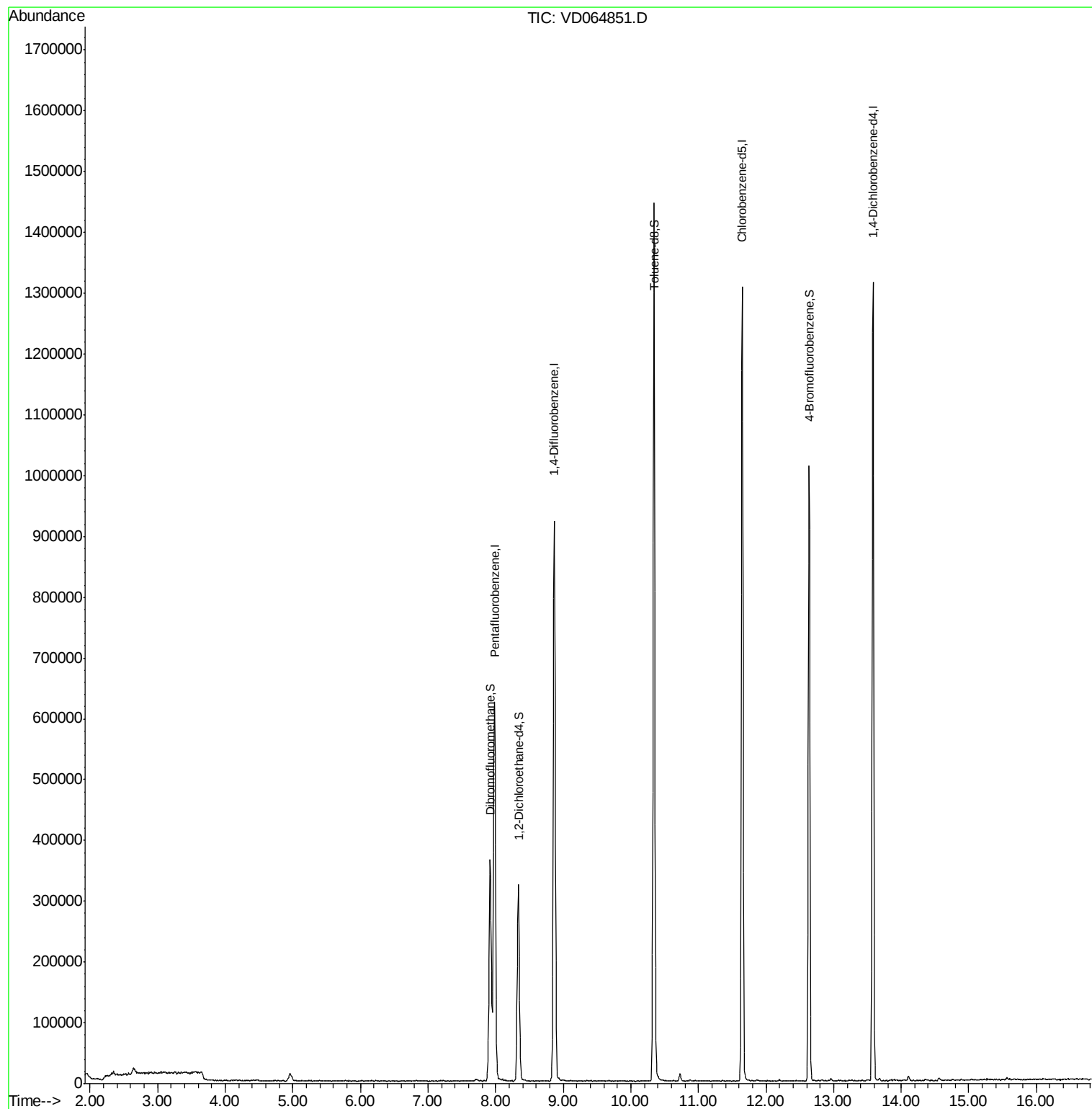
Target Compounds	Qvalue
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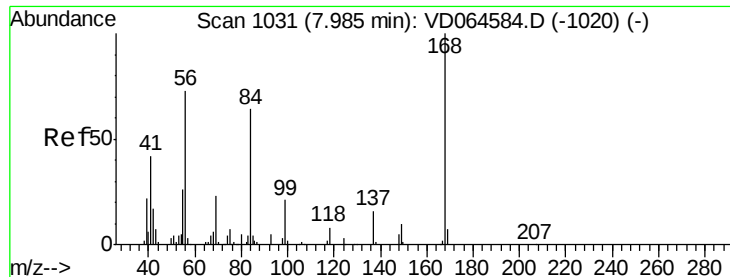
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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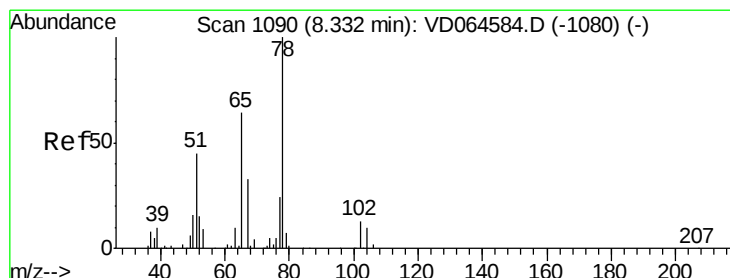
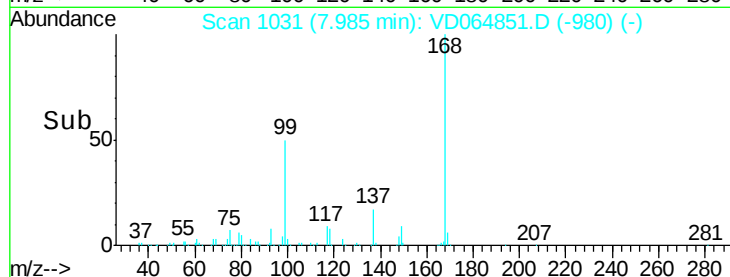
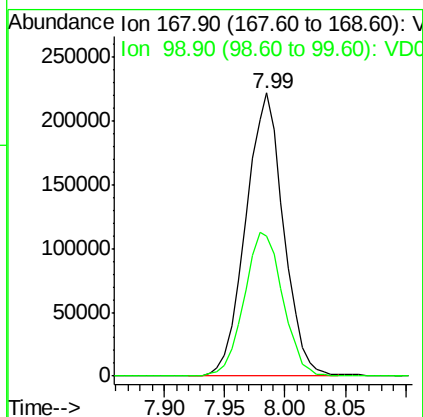
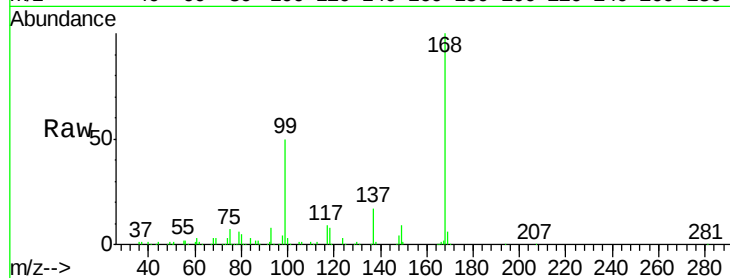




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064851.D
Acq: 13 Jan 2020 16:03

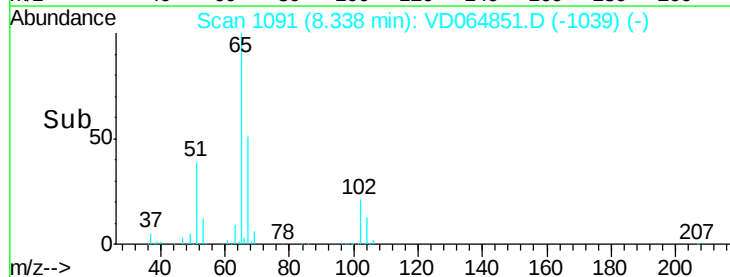
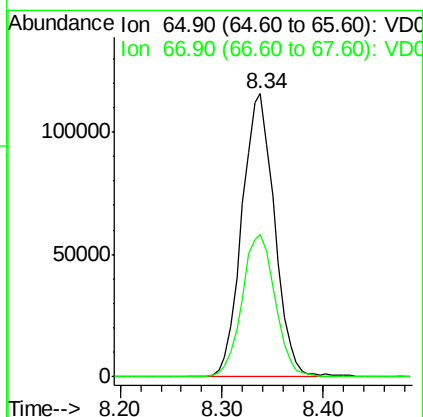
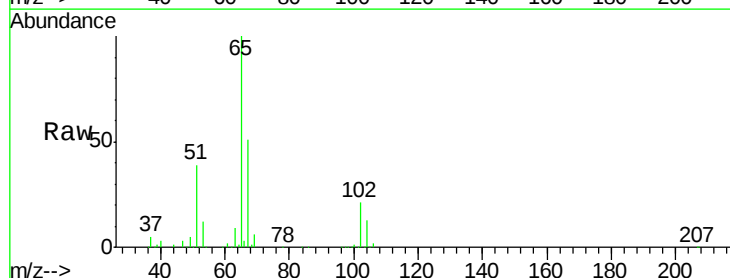
Instrument :
MSVOA_D
ClientSampleId :
SB-7_13.5-14.0

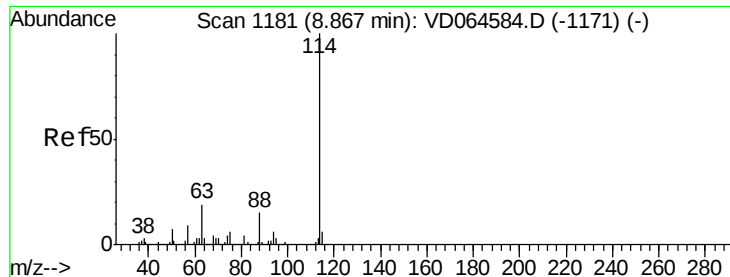
Tot Ion:168 Resp: 480920
Ion Ratio Lower Upper
168 100
99 49.6 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 60.663 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064851.D
Acq: 13 Jan 2020 16:03

Tgt Ion: 65 Resp: 257255
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064851.D

Acq: 13 Jan 2020 16:03

Instrument :

MSVOA_D

ClientSampleId :

SB-7_13.5-14.0

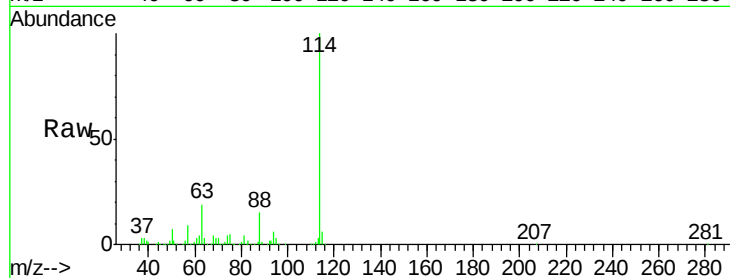
Tot Ion:114 Resp: 778102

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.0

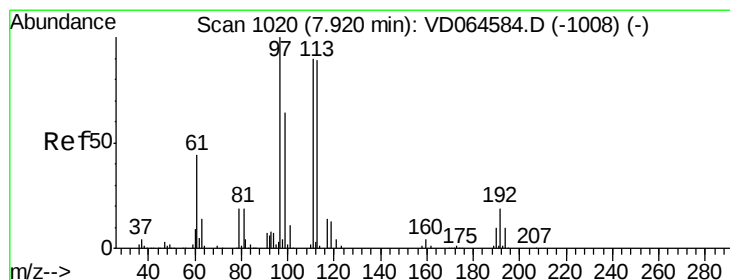
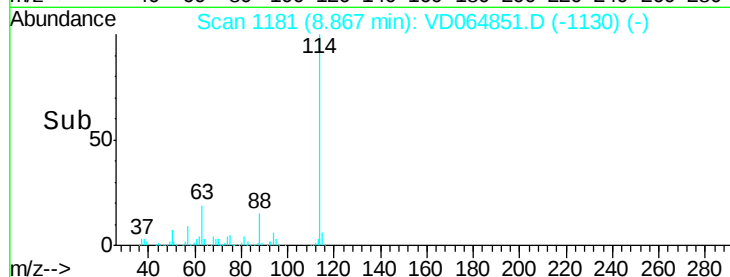
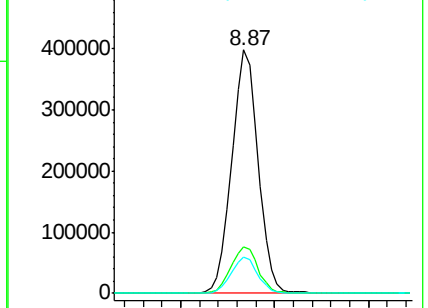
88 15.1 0.0 29.2



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: 52.126 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064851.D

Acq: 13 Jan 2020 16:03

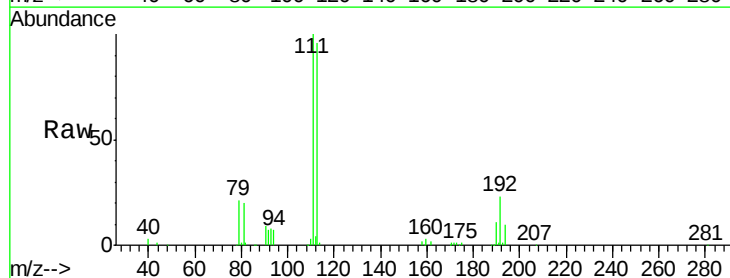
Tgt Ion:113 Resp: 248837

Ion Ratio Lower Upper

113 100

111 101.5 80.6 121.0

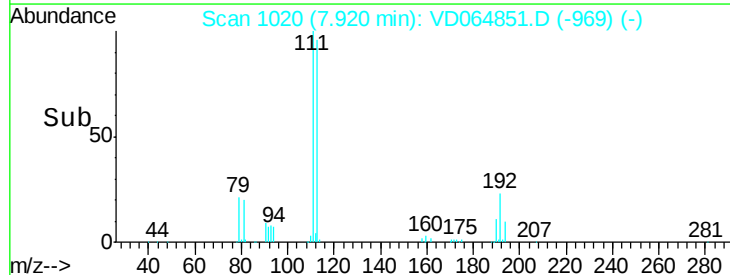
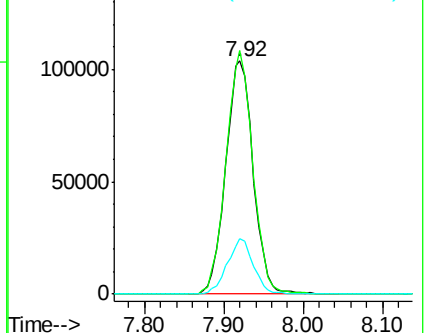
192 22.4 17.9 26.9

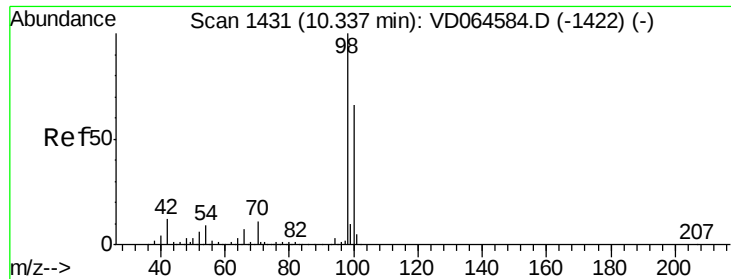


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.545 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064851.D

Acq: 13 Jan 2020 16:03

Instrument :

MSVOA_D

ClientSampleId :

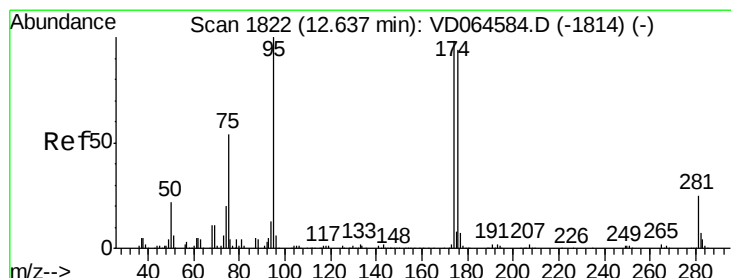
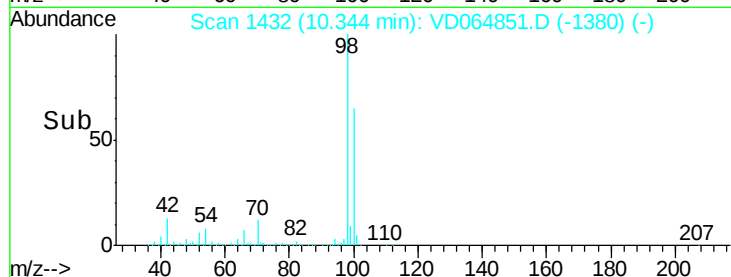
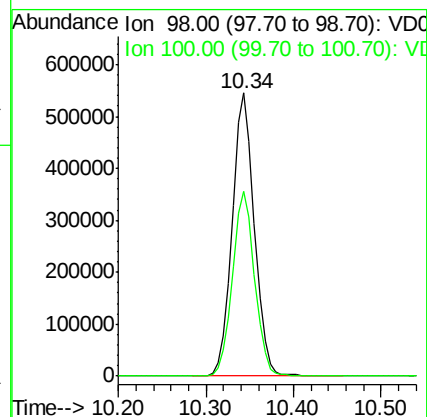
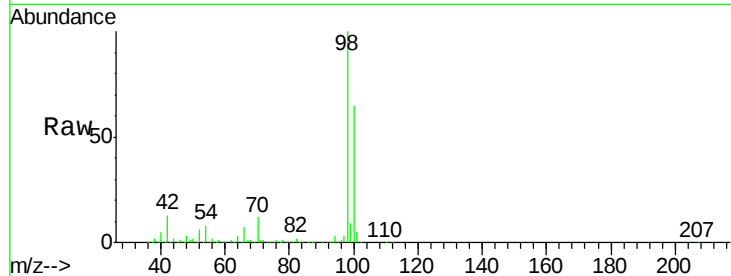
SB-7_13.5-14.0

Tot Ion: 98 Resp: 942396

Ion Ratio Lower Upper

98 100

100 65.2 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 52.016 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064851.D

Acq: 13 Jan 2020 16:03

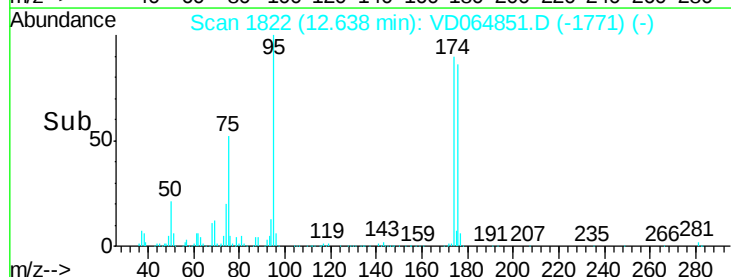
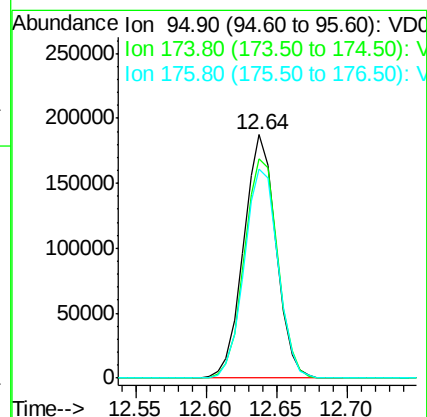
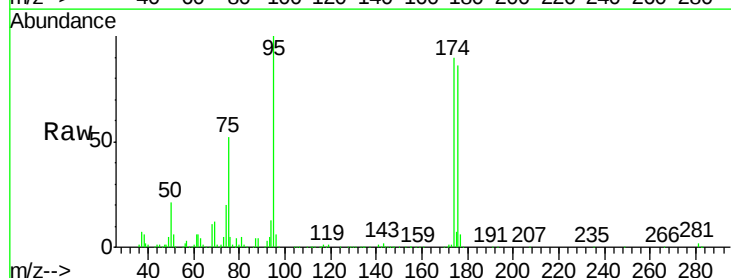
Tgt Ion: 95 Resp: 300721

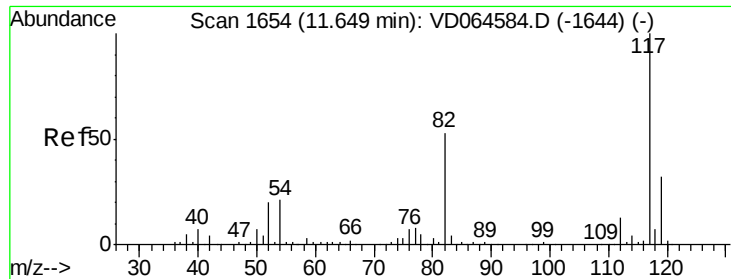
Ion Ratio Lower Upper

95 100

174 93.6 0.0 193.2

176 89.4 0.0 184.2

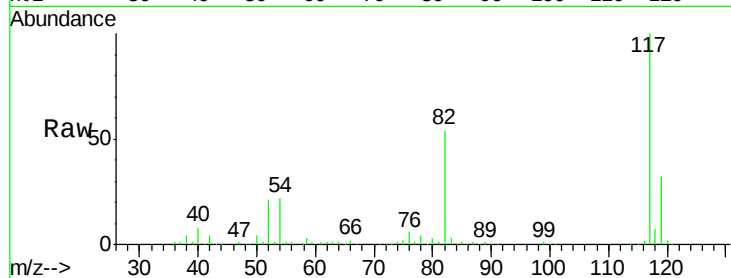




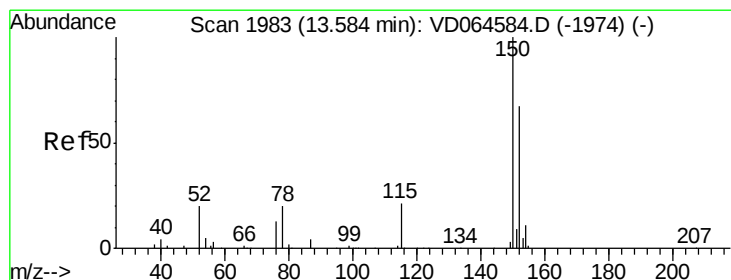
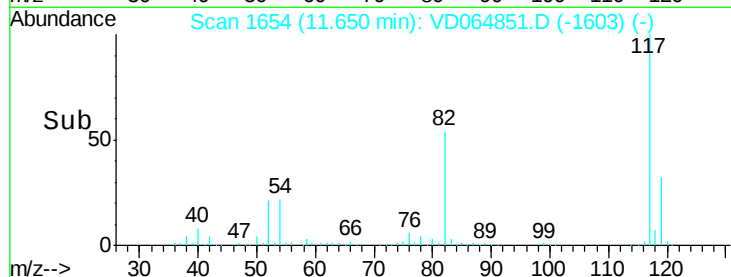
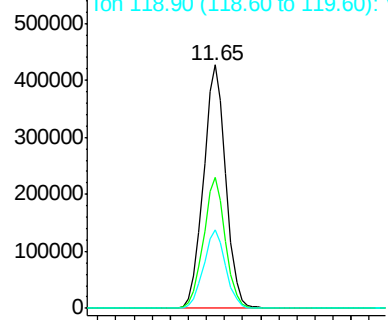
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064851.D
Acq: 13 Jan 2020 16:03

Instrument :
MSVOA_D
ClientSampleId :
SB-7_13.5-14.0

Tot Ion:117 Resp: 728562
Ion Ratio Lower Upper
117 100
82 53.6 42.2 63.4
119 32.2 26.0 39.0

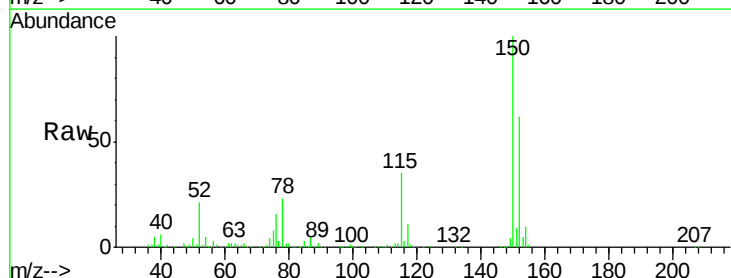


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064851.D
Acq: 13 Jan 2020 16:03

Tgt Ion:152 Resp: 343122
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.4
150 157.8 0.0 351.4



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

