

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111519\
 Data File : VD064223.D
 Acq On : 15 Nov 2019 13:11
 Operator : VA/SY
 Sample : K5838-01
 Misc : 7.92G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 UC-TP

Quant Time: Nov 16 05:42:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	959564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1412153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1304947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	630106	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	409109	51.84	ug/l	0.00
Spiked Amount						
			Recovery	=	103.68%	
35) Dibromofluoromethane	7.92	113	426225	52.58	ug/l	0.00
Spiked Amount						
			Recovery	=	105.16%	
50) Toluene-d8	10.34	98	1679879	54.94	ug/l	0.00
Spiked Amount						
			Recovery	=	109.88%	
62) 4-Bromofluorobenzene	12.64	95	569777	53.80	ug/l	0.00
Spiked Amount						
			Recovery	=	107.60%	

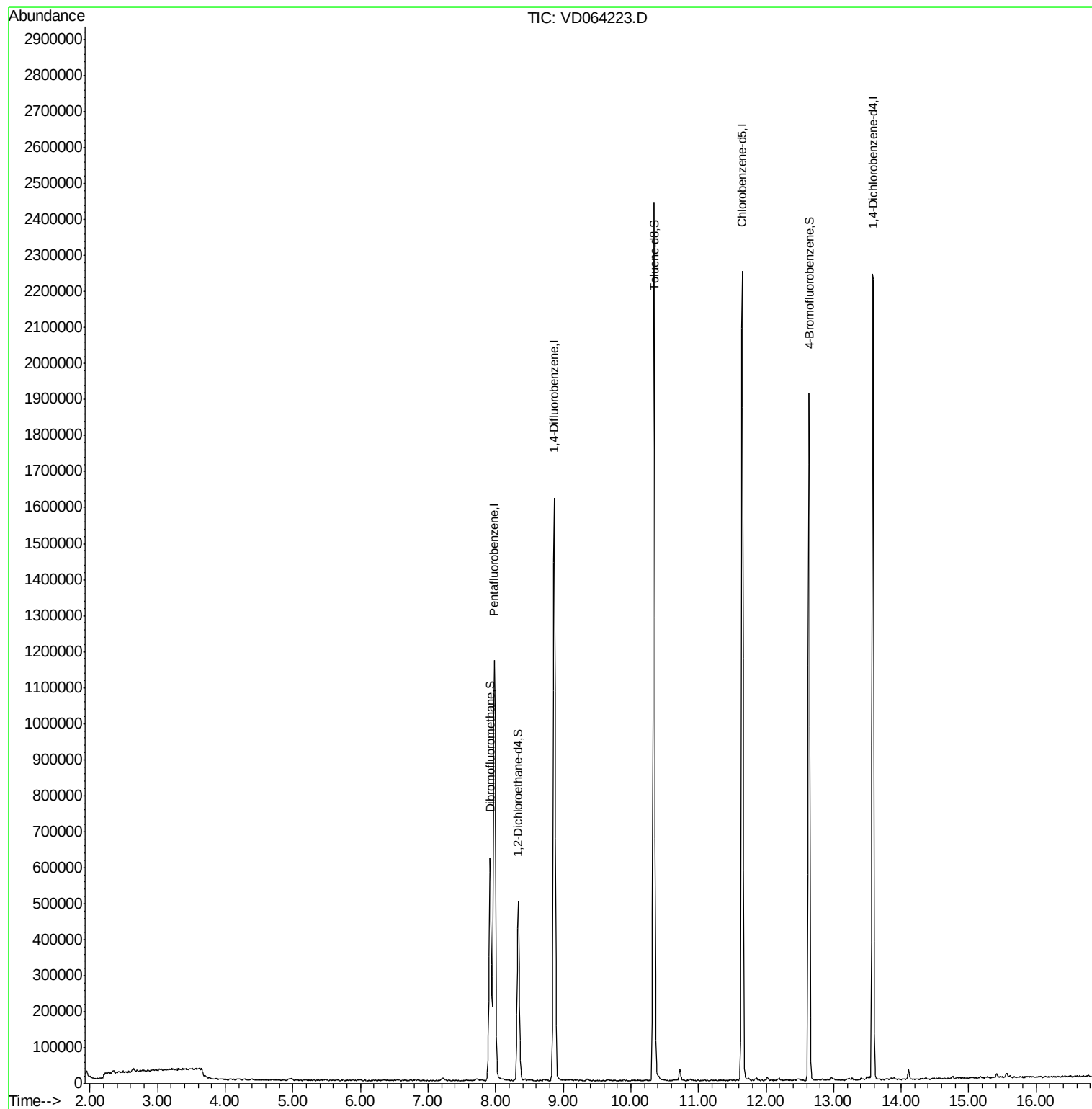
Target Compounds	Qvalue

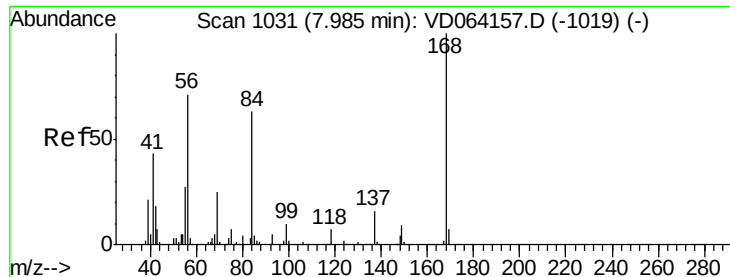
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064223.D

Acq: 15 Nov 2019 13:11

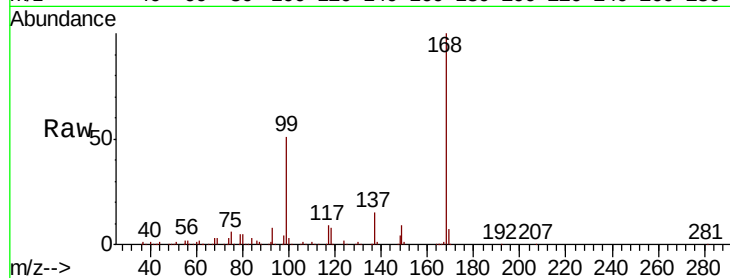
Instrument :
MSVOA_D
ClientSampleId :
UC-TP

Tot Ion:168 Resp: 959564

Ion Ratio Lower Upper

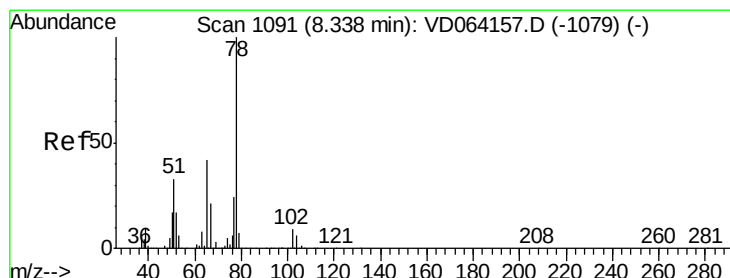
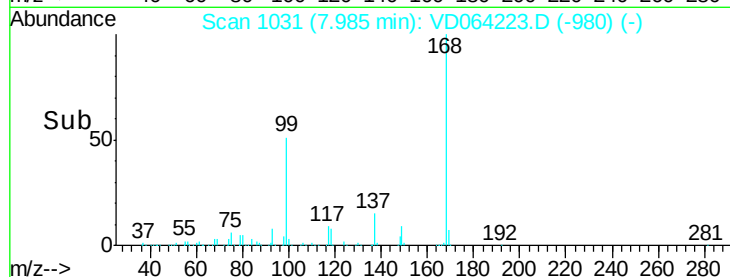
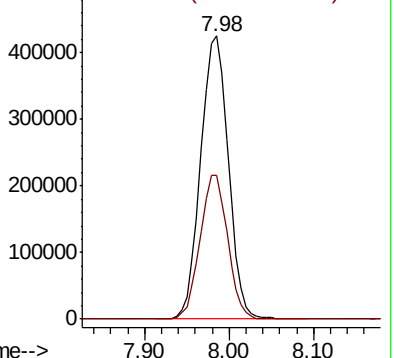
168 100

99 50.6 41.6 62.4



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: 51.839 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064223.D

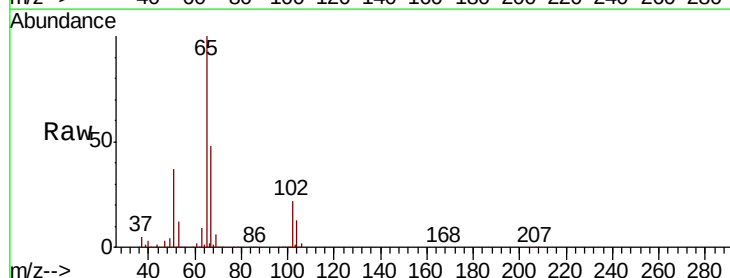
Acq: 15 Nov 2019 13:11

Tgt Ion: 65 Resp: 409109

Ion Ratio Lower Upper

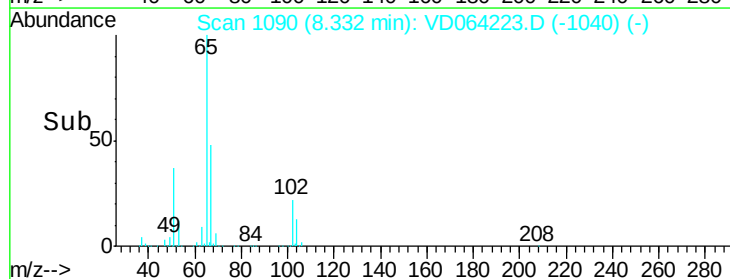
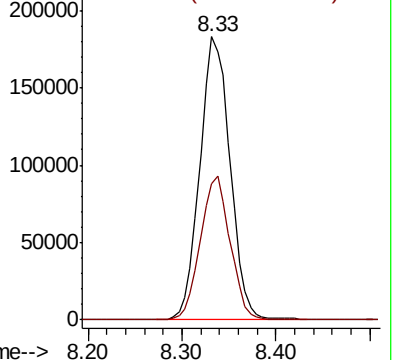
65 100

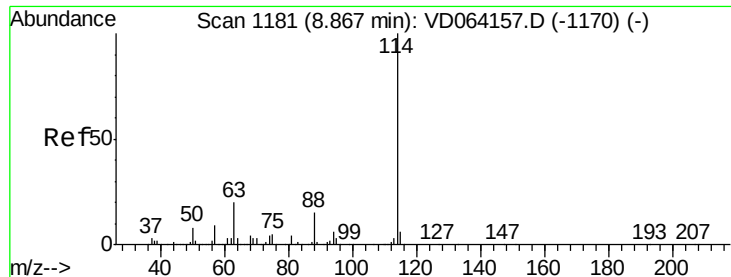
67 49.9 0.0 104.4



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: VD064223.D

Acq: 15 Nov 2019 13:11

Instrument :

MSVOA_D

ClientSampleId :

UC-TP

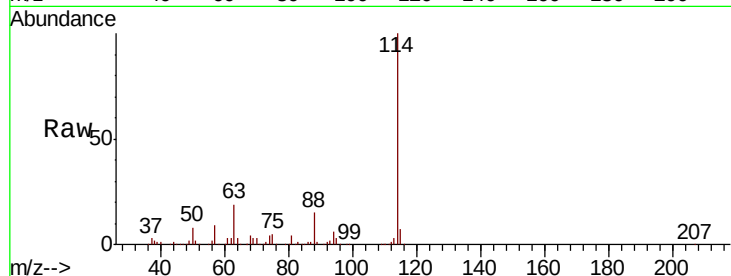
Tot Ion:114 Resp: 1412153

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

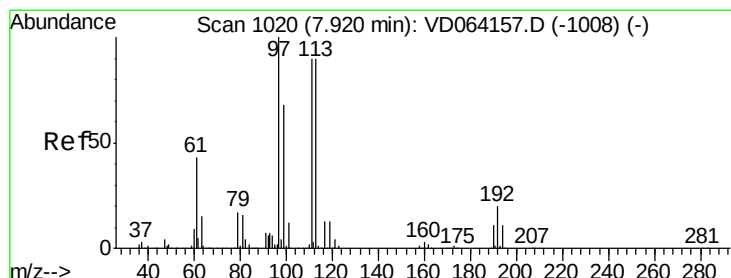
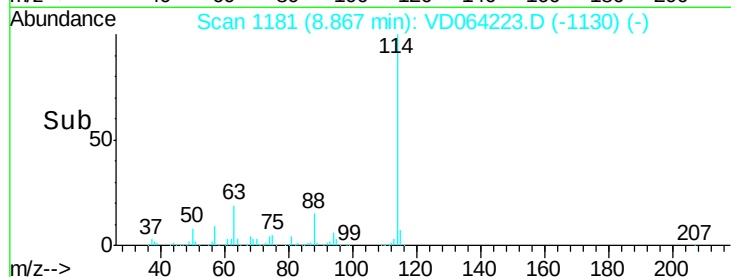
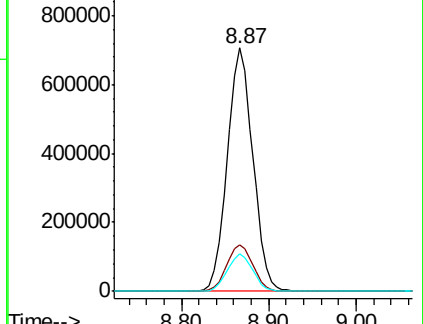
88 15.3 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 52.581 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064223.D

Acq: 15 Nov 2019 13:11

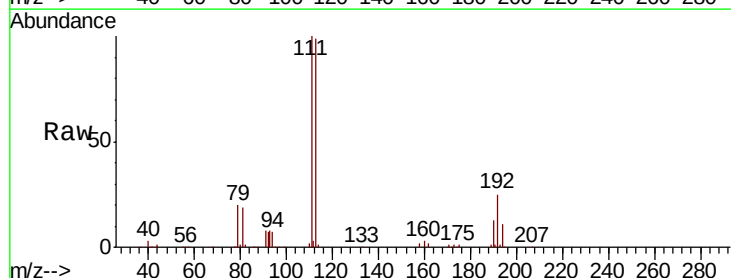
Tgt Ion:113 Resp: 426225

Ion Ratio Lower Upper

113 100

111 102.3 81.5 122.3

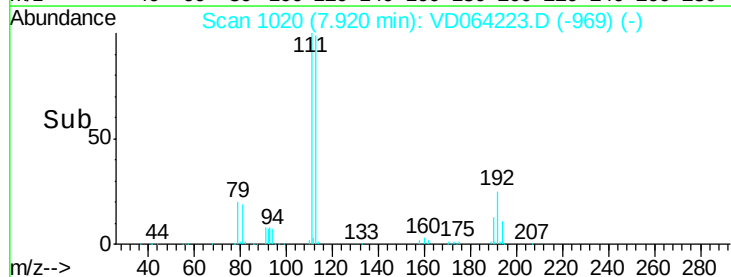
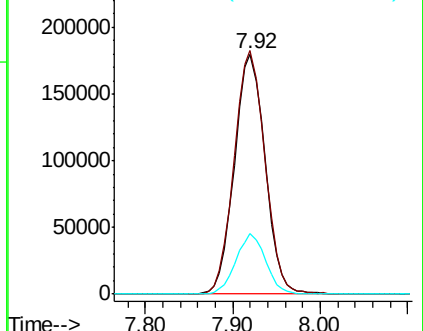
192 24.3 18.8 28.2

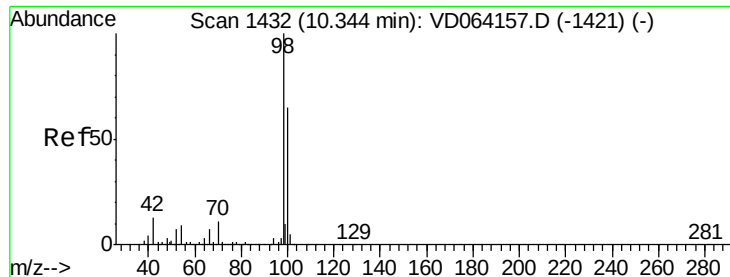


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.935 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064223.D

Acq: 15 Nov 2019 13:11

Instrument :

MSVOA_D

ClientSampled :

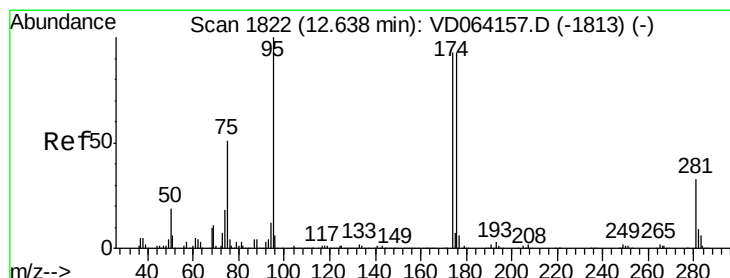
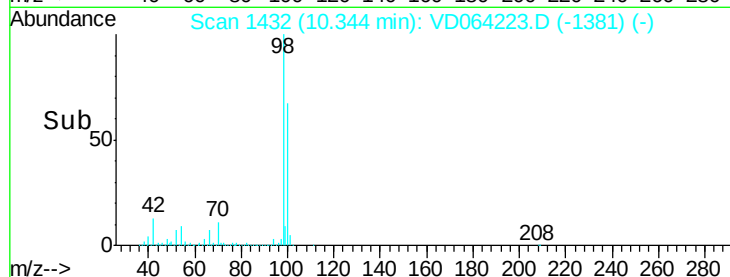
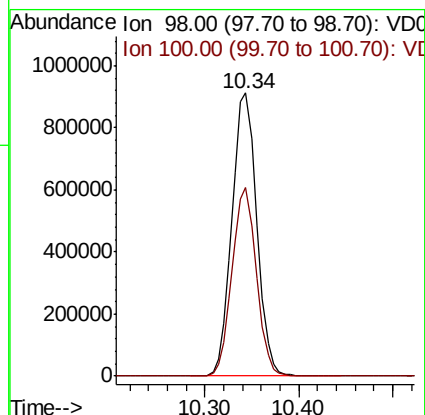
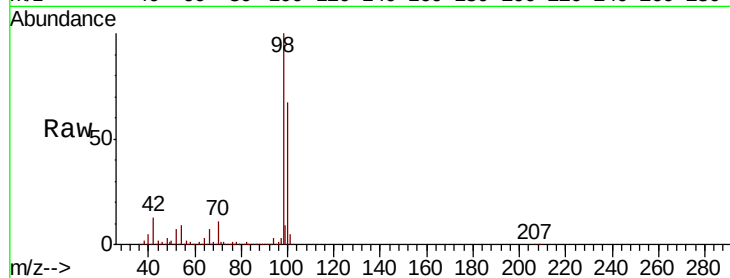
UC-TP

Tot Ion: 98 Resp: 1679879

Ion Ratio Lower Upper

98 100

100 65.3 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 53.804 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064223.D

Acq: 15 Nov 2019 13:11

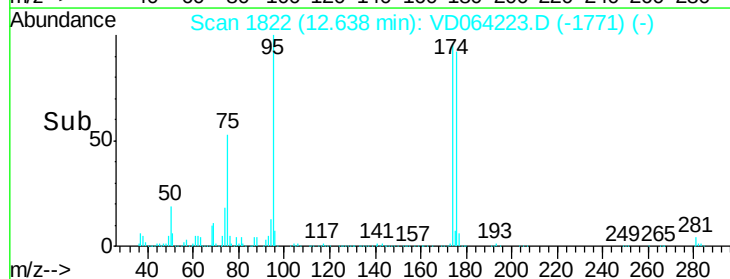
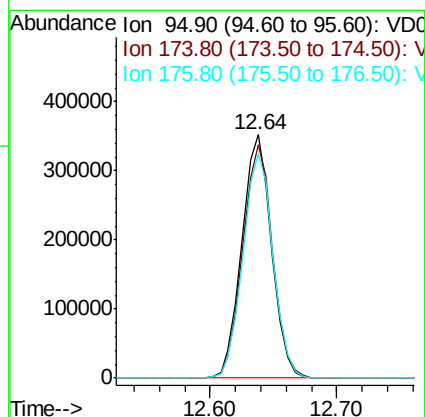
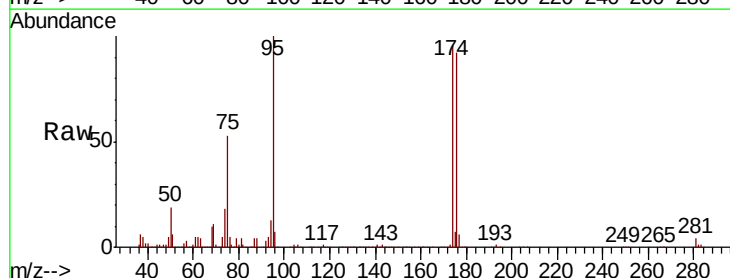
Tgt Ion: 95 Resp: 569777

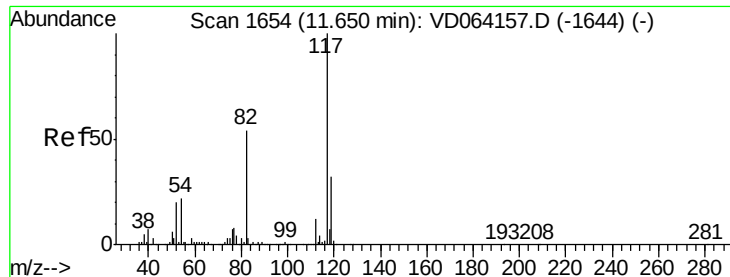
Ion Ratio Lower Upper

95 100

174 97.0 0.0 183.6

176 93.4 0.0 180.2

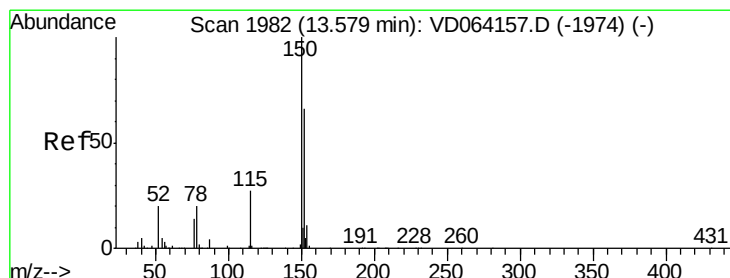
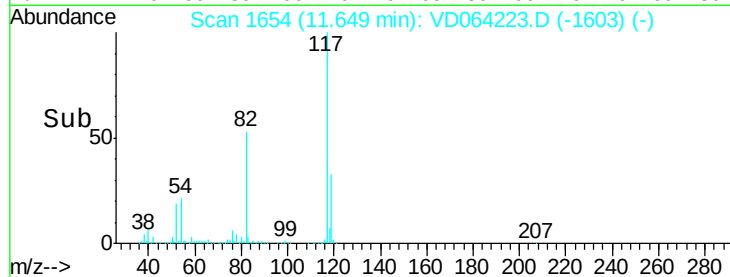
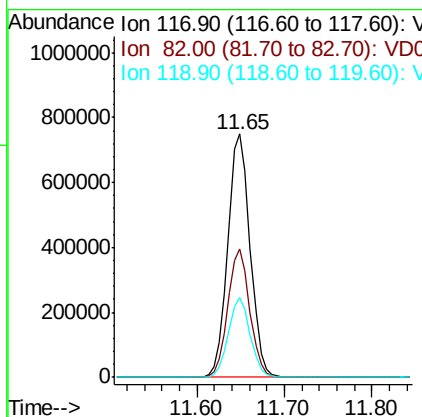
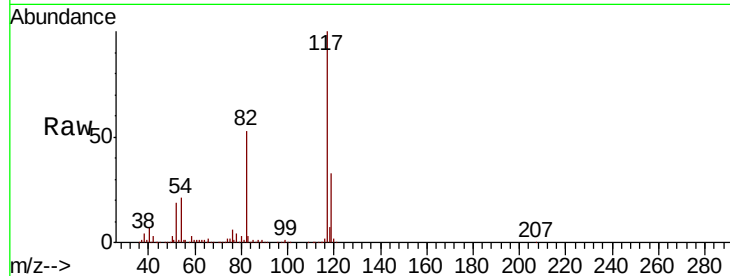




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064223.D
Acq: 15 Nov 2019 13:11

Instrument :
MSVOA_D
ClientSampleId :
UC-TP

Tot Ion:117 Resp: 1304947
Ion Ratio Lower Upper
117 100
82 52.7 42.8 64.2
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064223.D
Acq: 15 Nov 2019 13:11

Tgt Ion:152 Resp: 630106
Ion Ratio Lower Upper
152 100
115 54.6 27.4 82.2
150 157.1 0.0 351.6

