

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_D\DATA\VD102919\
 Data File : VD064098.D
 Acq On : 29 Oct 2019 19:39
 Operator : VA/SY
 Sample : K5542-12
 Misc : 4.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 201-22-(1)

Quant Time: Oct 30 08:39:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	248322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	404859	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	389370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	175426	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	114427	57.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.88%	
35) Dibromofluoromethane	7.93	113	126236	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	10.34	98	487236	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	12.64	95	152116	46.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.12%	

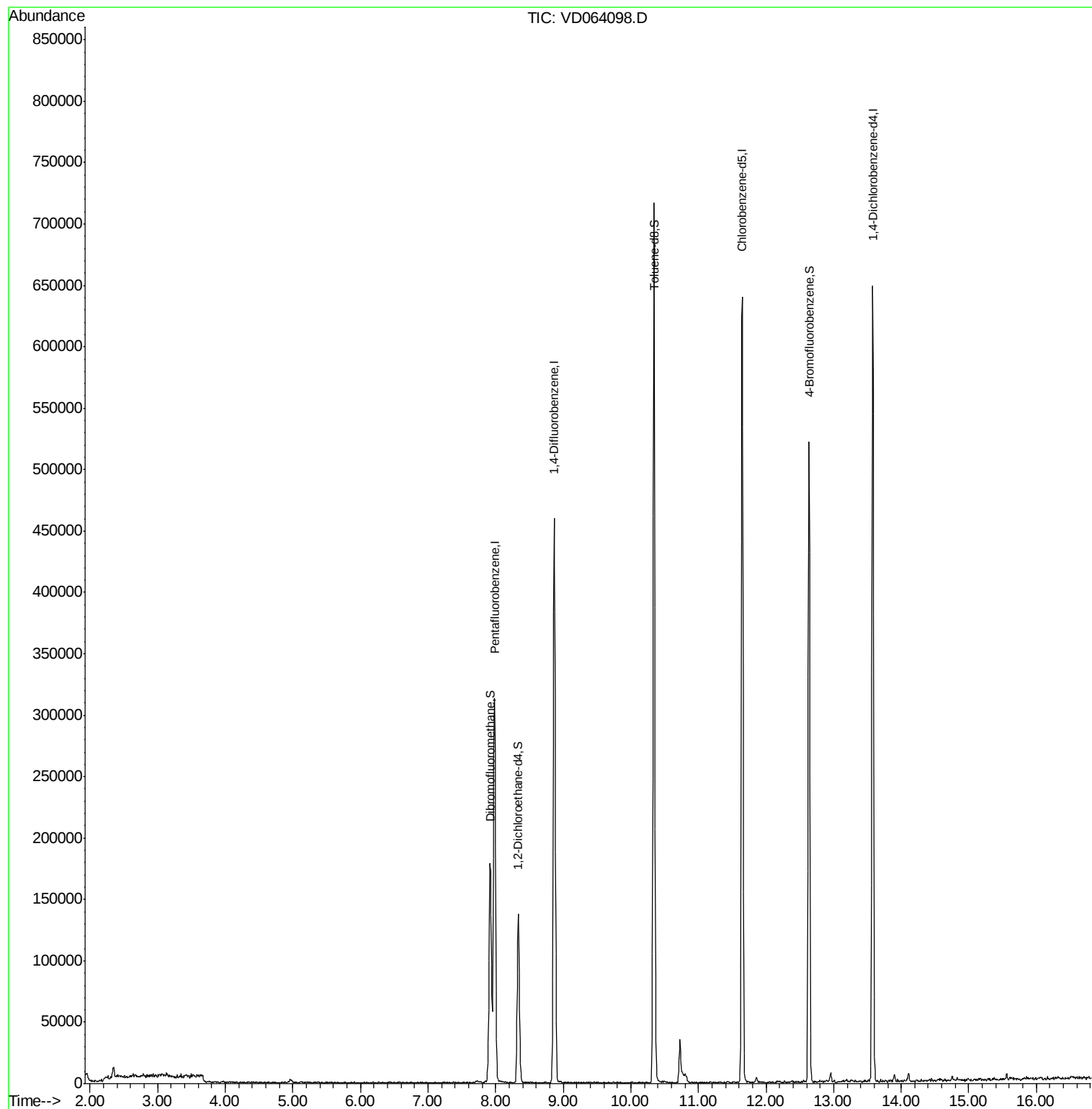
Target Compounds	Qvalue

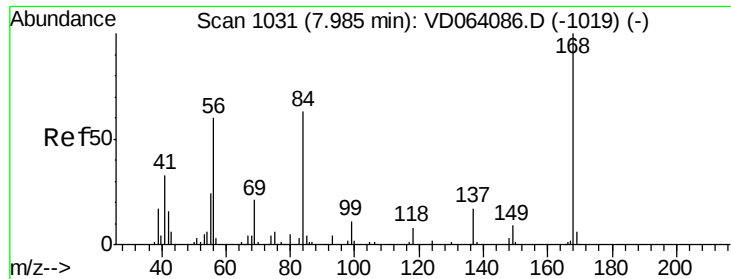
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064098.D

Acq: 29 Oct 2019 19:39

Instrument :

MSVOA_D

ClientSampleId :

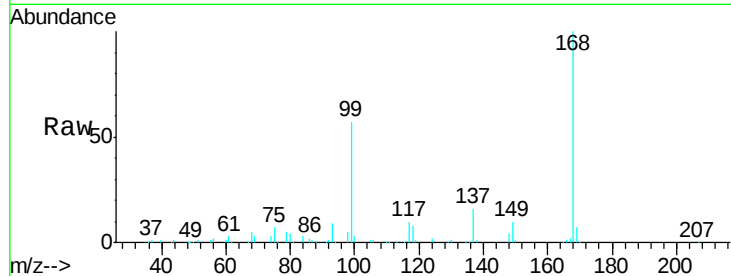
201-22-(1)

Tgt Ion:168 Resp: 248322

Ion Ratio Lower Upper

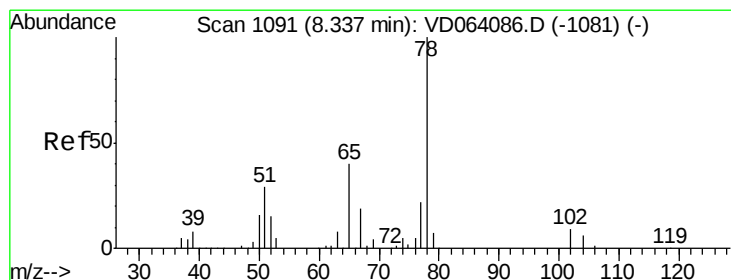
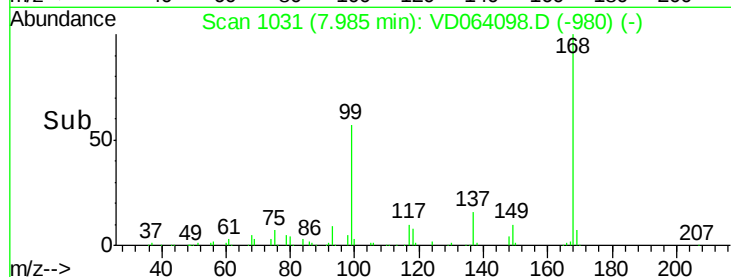
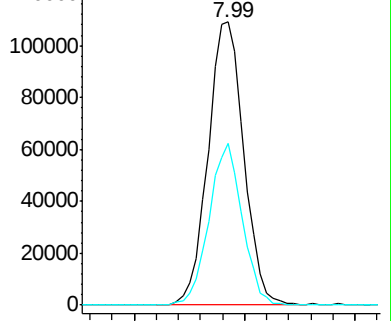
168 100

99 57.2 37.6 56.4#



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: 57.940 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064098.D

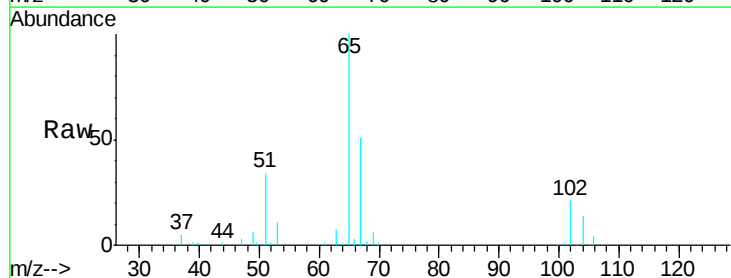
Acq: 29 Oct 2019 19:39

Tgt Ion: 65 Resp: 114427

Ion Ratio Lower Upper

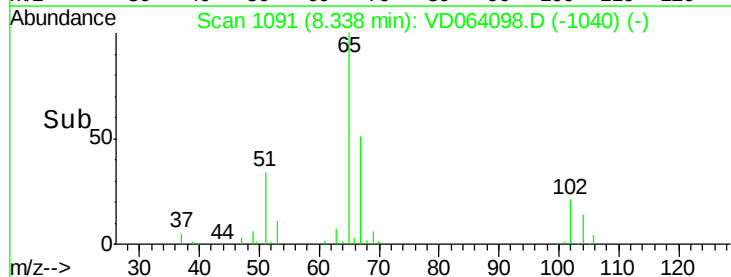
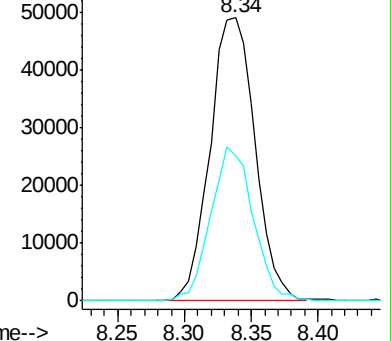
65 100

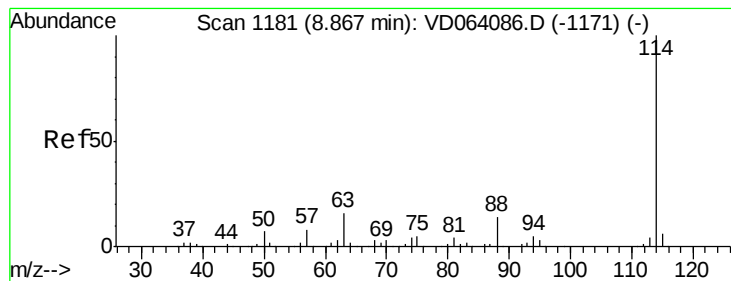
67 51.3 0.0 104.6



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: VD064098.D

Acq: 29 Oct 2019 19:39

Instrument :

MSVOA_D

ClientSampleId :

201-22-(1)

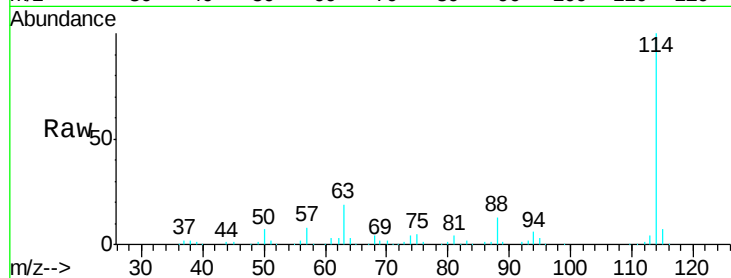
Tgt Ion:114 Resp: 404859

Ion Ratio Lower Upper

114 100

63 19.0 0.0 32.8

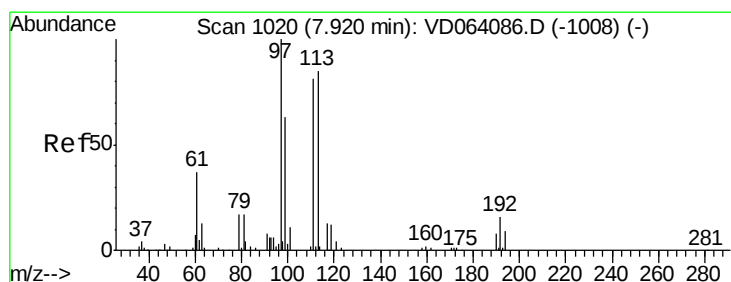
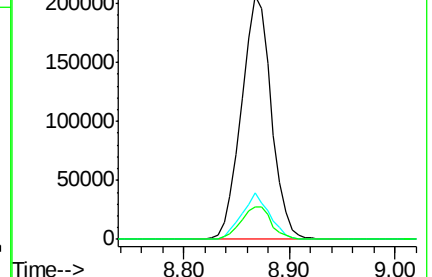
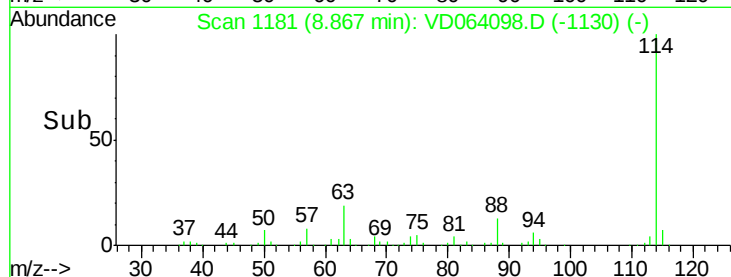
88 13.2 0.0 27.6



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: 50.681 ug/l

RT: 7.93 min Scan# 1021

Delta R.T. 0.01 min

Lab File: VD064098.D

Acq: 29 Oct 2019 19:39

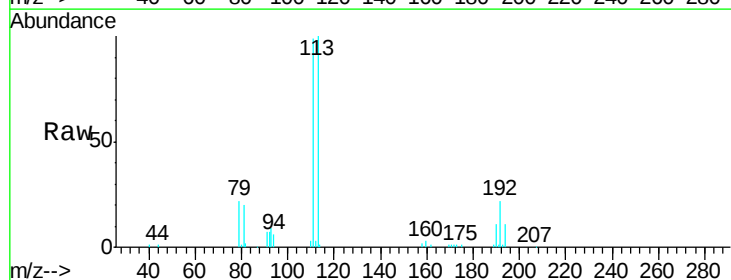
Tgt Ion:113 Resp: 126236

Ion Ratio Lower Upper

113 100

111 104.0 79.3 118.9

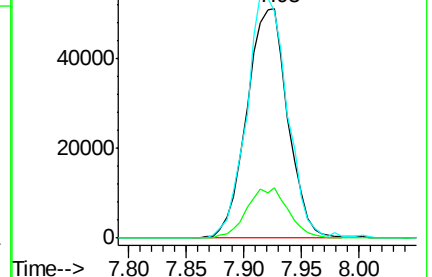
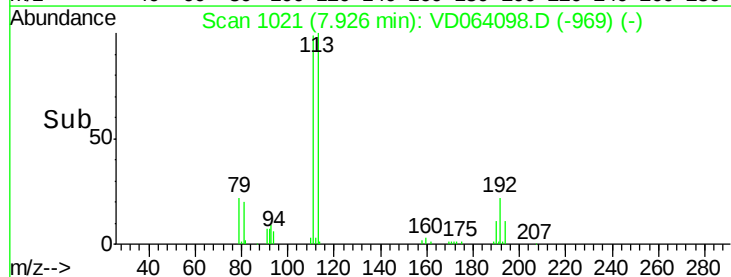
192 22.0 16.2 24.2

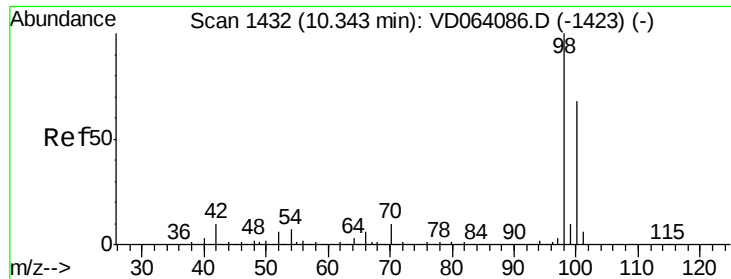


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.914 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064098.D

Acq: 29 Oct 2019 19:39

Instrument :

MSVOA_D

ClientSampleId :

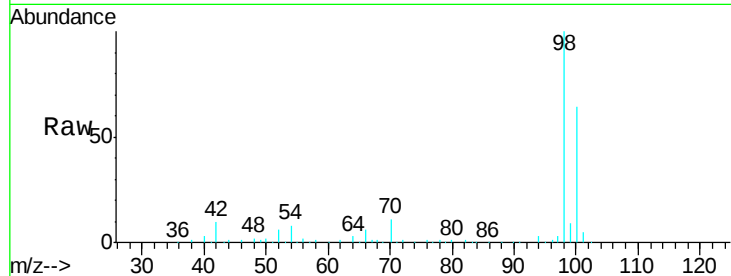
201-22-(1)

Tgt Ion: 98 Resp: 487236

Ion Ratio Lower Upper

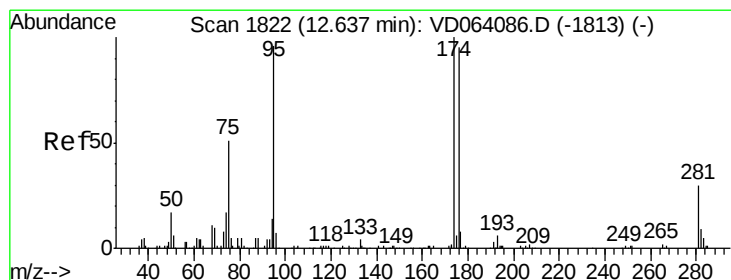
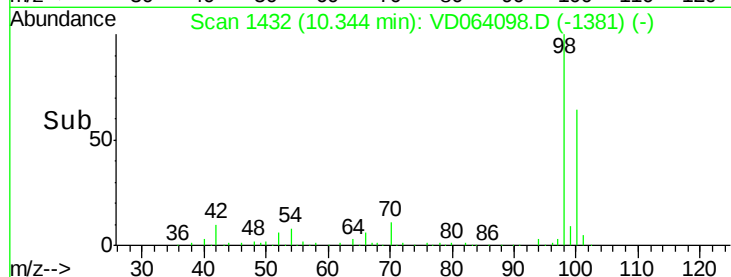
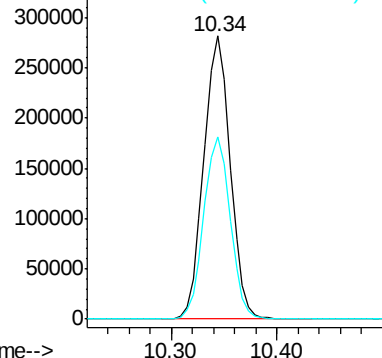
98 100

100 65.0 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 46.062 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064098.D

Acq: 29 Oct 2019 19:39

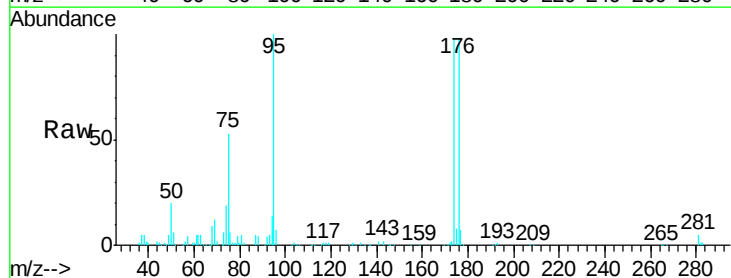
Tgt Ion: 95 Resp: 152116

Ion Ratio Lower Upper

95 100

174 98.7 0.0 201.6

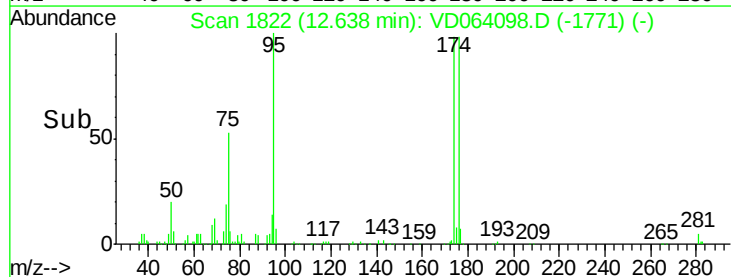
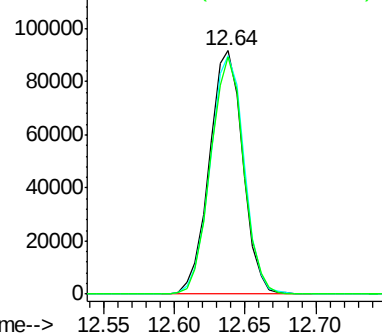
176 96.2 0.0 192.6

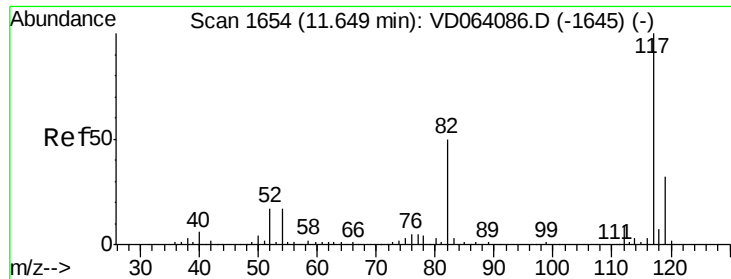


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

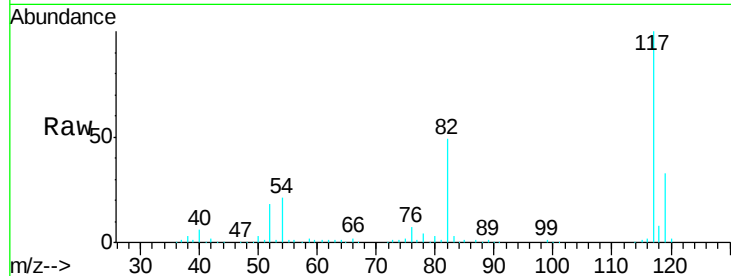




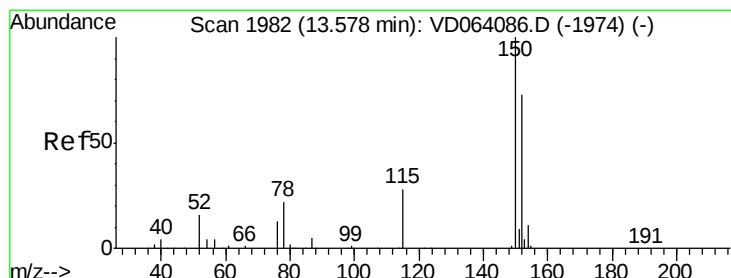
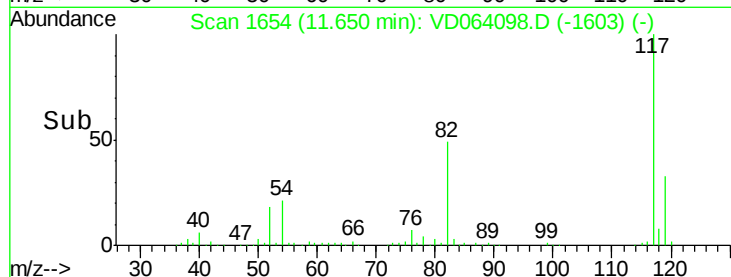
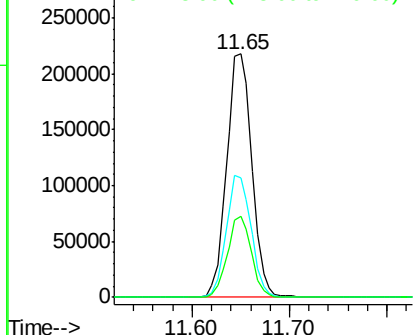
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064098.D
Acq: 29 Oct 2019 19:39

Instrument :
MSVOA_D
ClientSampleId :
201-22-(1)

Tgt Ion:117 Resp: 389370
Ion Ratio Lower Upper
117 100
82 49.3 40.2 60.4
119 33.3 26.0 39.0

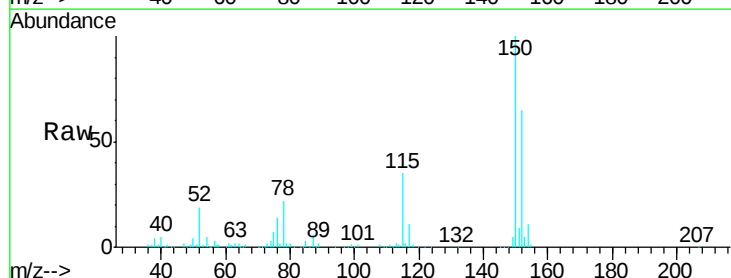


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064098.D
Acq: 29 Oct 2019 19:39

Tgt Ion:152 Resp: 175426
Ion Ratio Lower Upper
152 100
115 54.8 26.2 78.6
150 157.6 0.0 338.8



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

