

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121719\
 Data File : VD064551.D
 Acq On : 17 Dec 2019 18:02
 Operator : VA/SY
 Sample : K6357-08
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PF-C

Quant Time: Dec 18 03:27:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

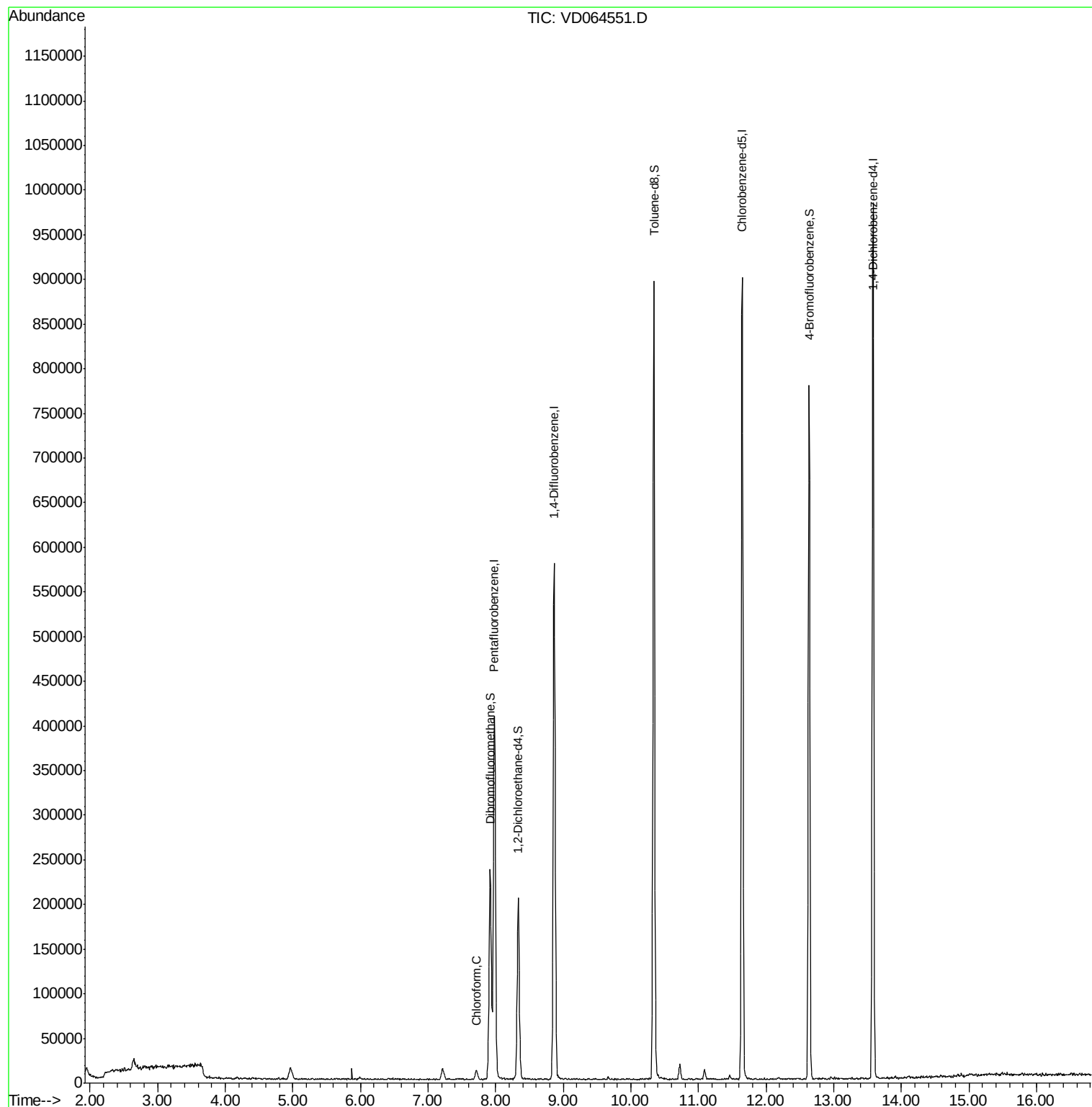
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	327238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	496266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	513771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	273116	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	156945	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
35) Dibromofluoromethane	7.92	113	157398	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
50) Toluene-d8	10.34	98	607453	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.64	95	231115	61.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.12%	
Target Compounds						
30) Chloroform	7.71	83	9058	1.600	ug/l	Qvalue 95

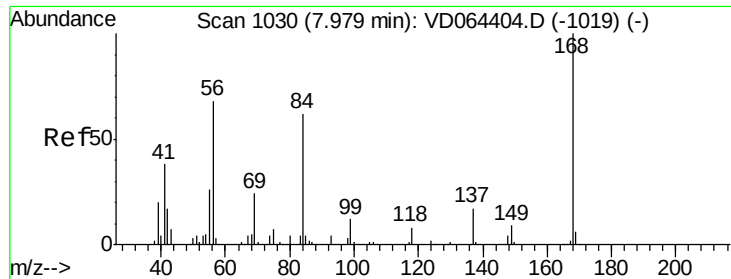
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064551.D

Acq: 17 Dec 2019 18:02

Instrument :

MSVOA_D

ClientSampleId :

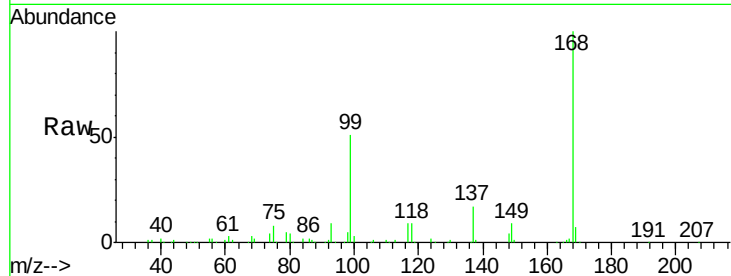
PF-C

Tot Ion:168 Resp: 327238

Ion Ratio Lower Upper

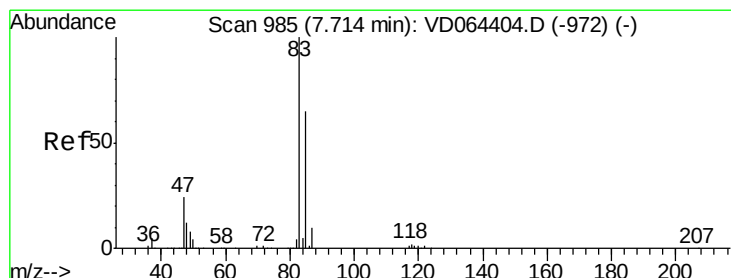
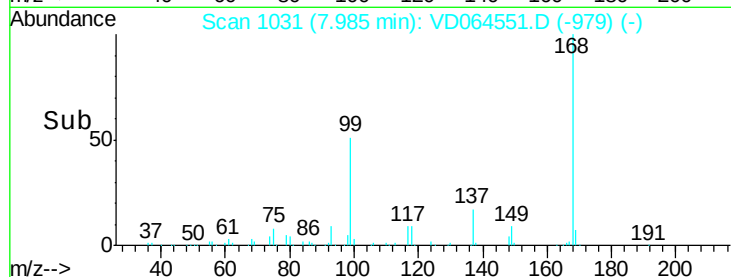
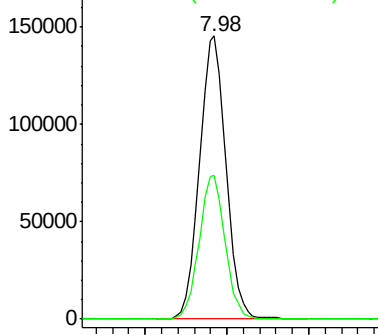
168 100

99 50.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#30

Chloroform

Concen: 1.600 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.01 min

Lab File: VD064551.D

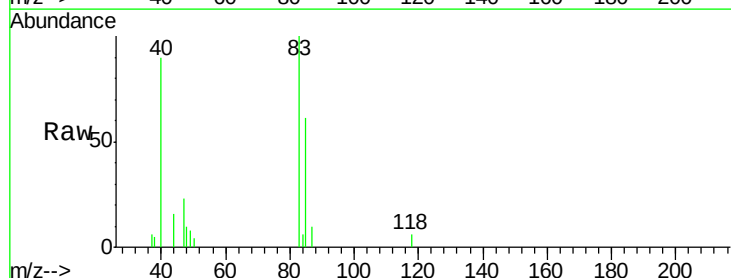
Acq: 17 Dec 2019 18:02

Tgt Ion: 83 Resp: 9058

Ion Ratio Lower Upper

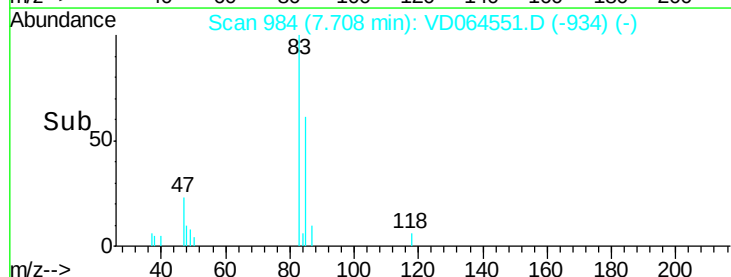
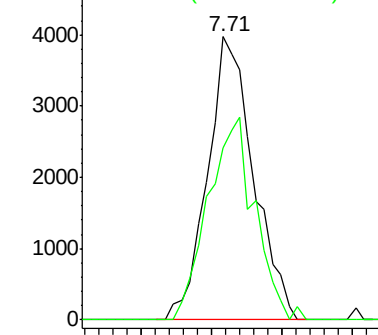
83 100

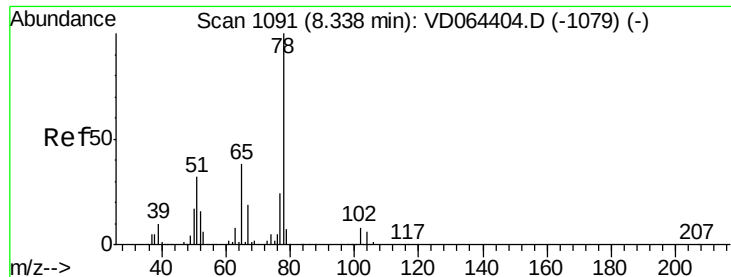
85 60.9 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 52.986 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064551.D

Acq: 17 Dec 2019 18:02

Instrument :

MSVOA_D

ClientSampleId :

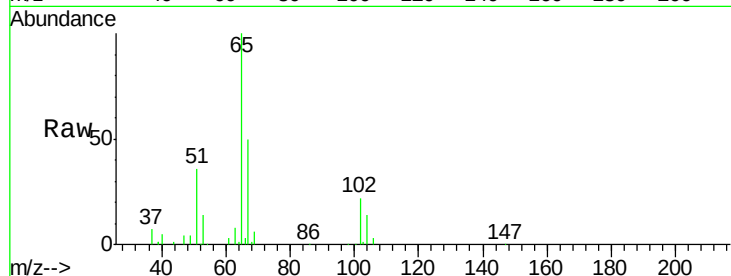
PF-C

Tot Ion: 65 Resp: 156945

Ion Ratio Lower Upper

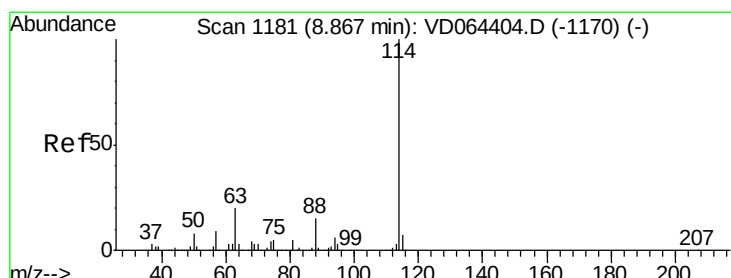
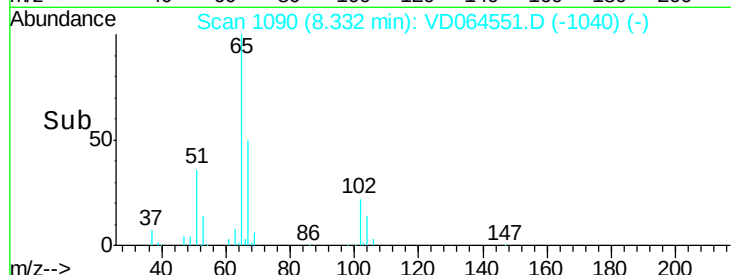
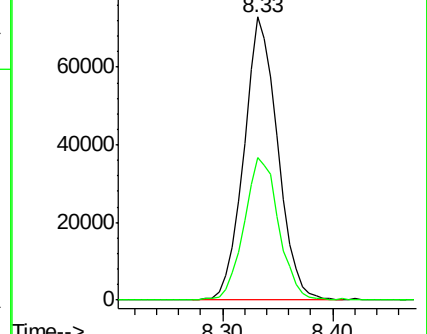
65 100

67 51.4 0.0 102.0



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: VD064551.D

Acq: 17 Dec 2019 18:02

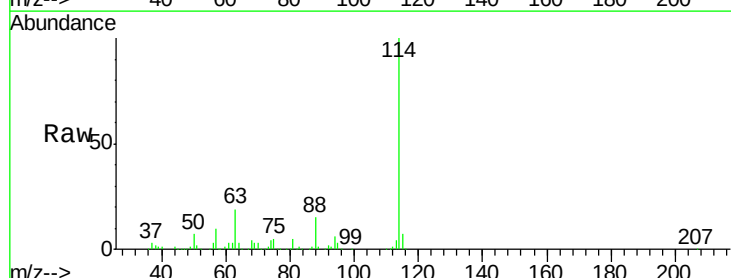
Tgt Ion: 114 Resp: 496266

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

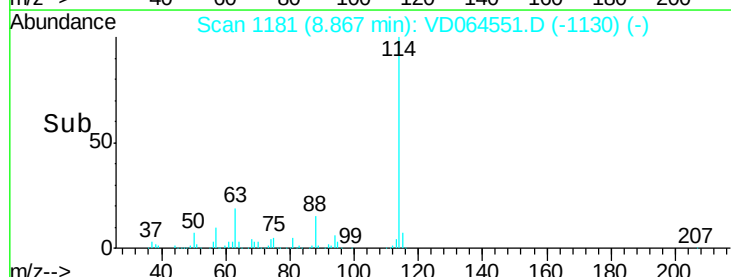
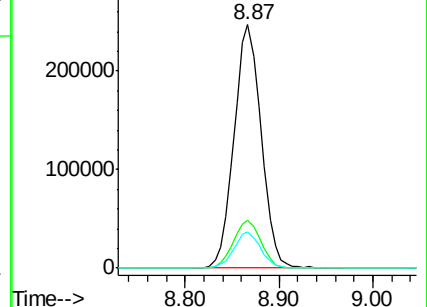
88 14.9 0.0 29.2

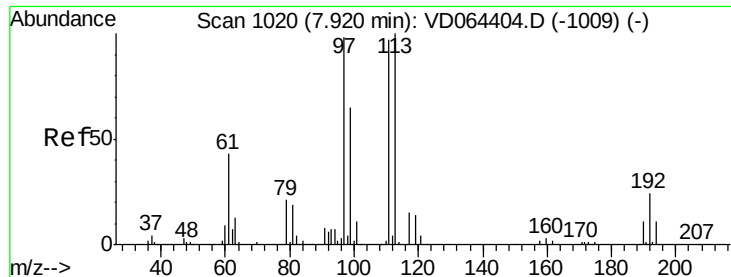


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.340 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064551.D

Acq: 17 Dec 2019 18:02

Instrument :

MSVOA_D

ClientSampleId :

PF-C

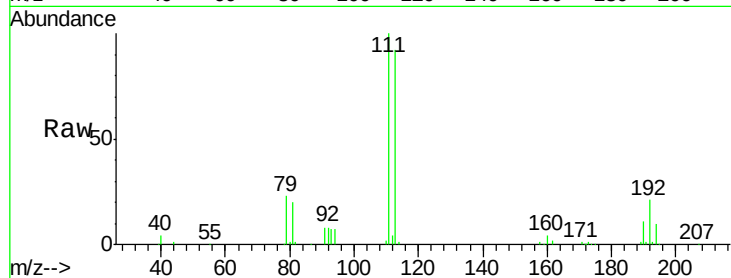
Tot Ion:113 Resp: 157398

Ion Ratio Lower Upper

113 100

111 104.7 79.4 119.2

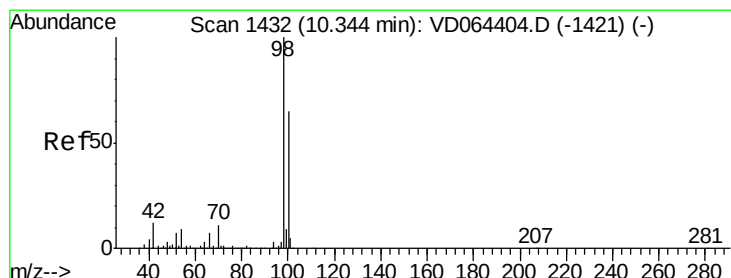
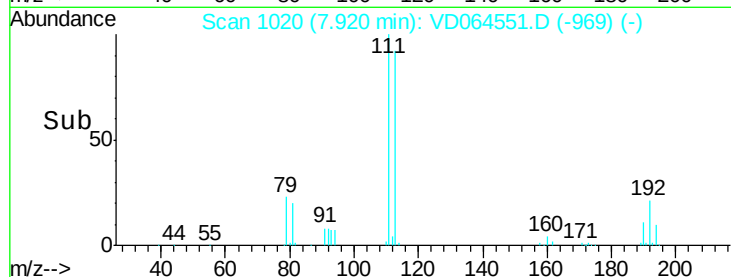
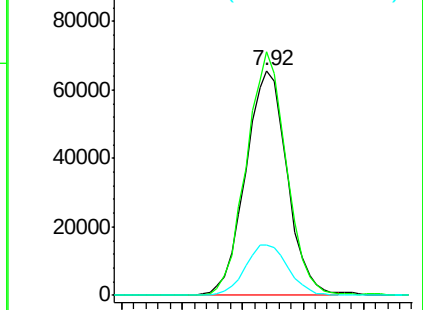
192 23.3 18.6 28.0



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: 51.575 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064551.D

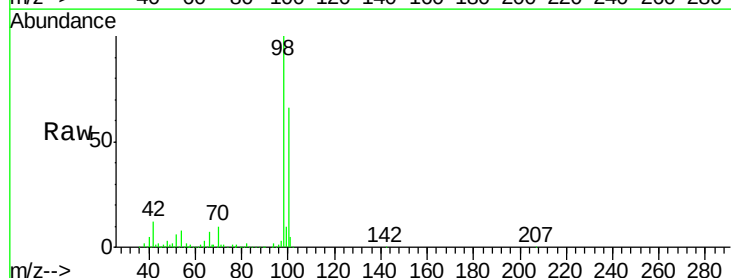
Acq: 17 Dec 2019 18:02

Tgt Ion: 98 Resp: 607453

Ion Ratio Lower Upper

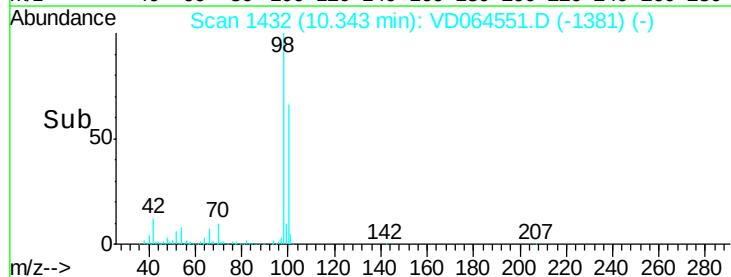
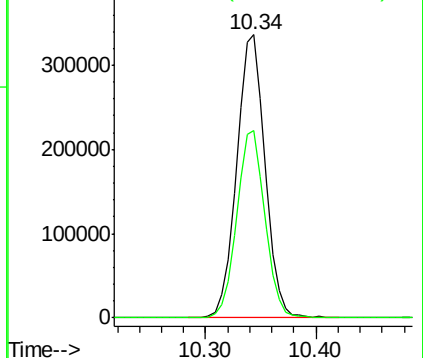
98 100

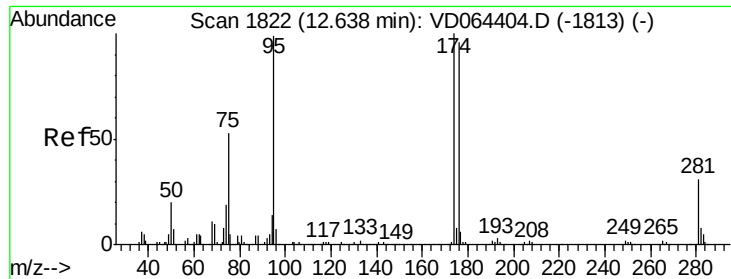
100 66.0 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

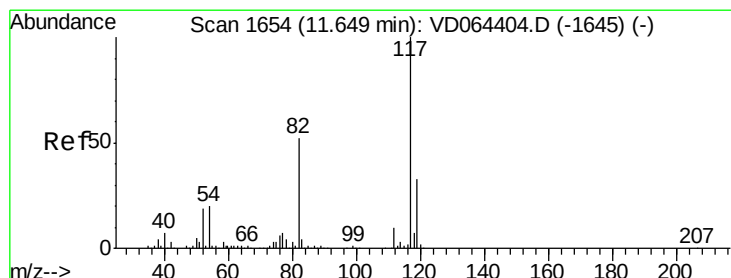
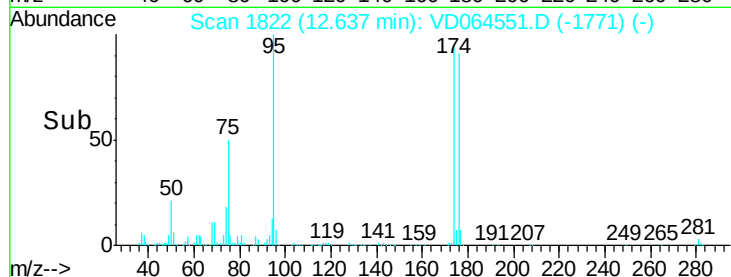
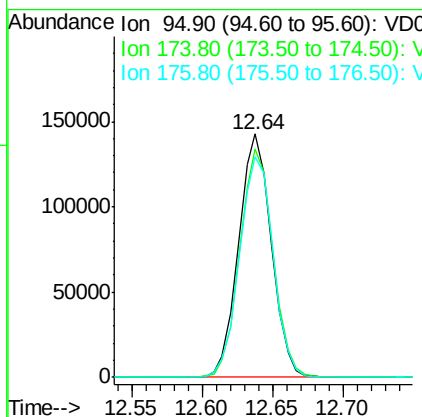
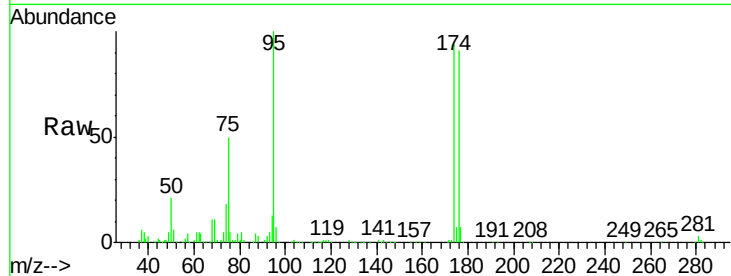




#62
4-Bromofluorobenzene
Concen: 61.059 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064551.D
Acq: 17 Dec 2019 18:02

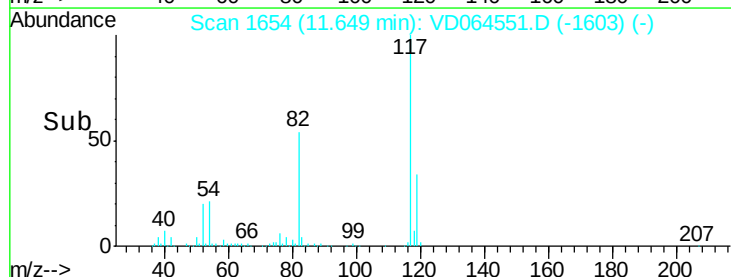
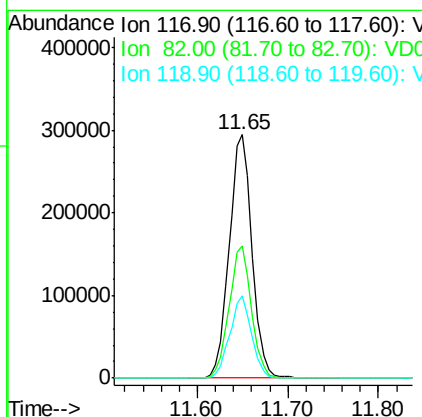
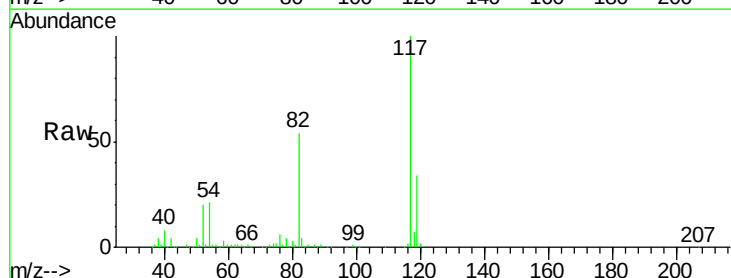
Instrument :
MSVOA_D
ClientSampleId :
PF-C

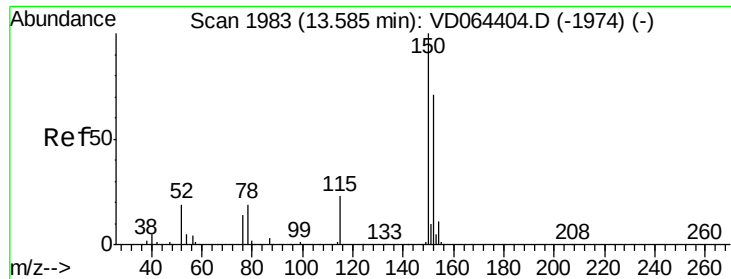
Tot Ion: 95 Resp: 231115
Ion Ratio Lower Upper
95 100
174 95.2 0.0 197.2
176 93.3 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064551.D
Acq: 17 Dec 2019 18:02

Tgt Ion: 117 Resp: 513771
Ion Ratio Lower Upper
117 100
82 54.5 41.4 62.2
119 33.7 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD064551.D

Acq: 17 Dec 2019 18:02

Instrument :

MSVOA_D

ClientSampleId :

PF-C

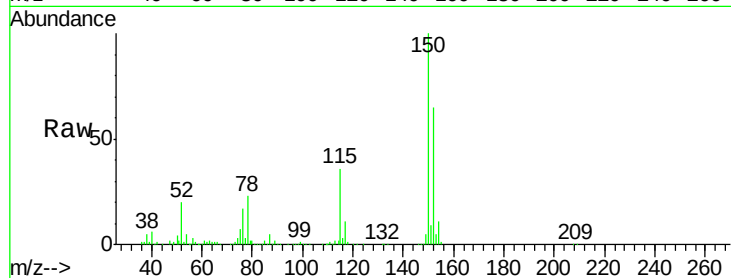
Tot Ion:152 Resp: 273116

Ion Ratio Lower Upper

152 100

115 53.2 26.7 80.1

150 154.3 0.0 347.2



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

