

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD123119\
 Data File : VD064704.D
 Acq On : 31 Dec 2019 19:36
 Operator : VA/SY
 Sample : K6465-03
 Misc : 5.82G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-10-(1-3)

Quant Time: Jan 01 02:03:50 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

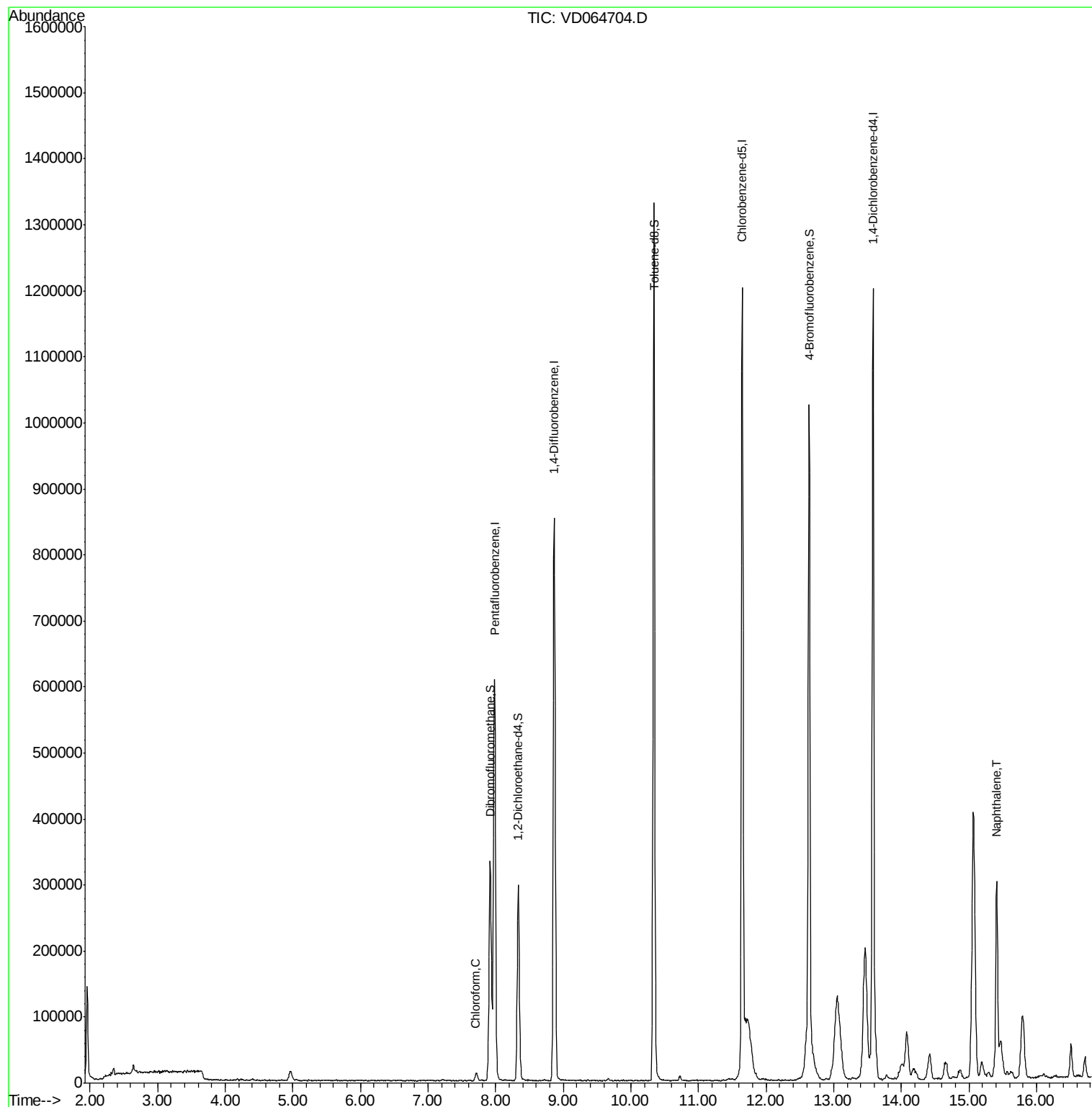
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	479306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	740534	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	651420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	310410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	236819	56.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.06%	
35) Dibromofluoromethane	7.92	113	230938	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
50) Toluene-d8	10.34	98	886119	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.64	95	270965	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
Target Compounds						
30) Chloroform	7.71	83	11090	1.343	ug/l	Qvalue 100
95) Naphthalene	15.41	128	279440	27.076	ug/l	98

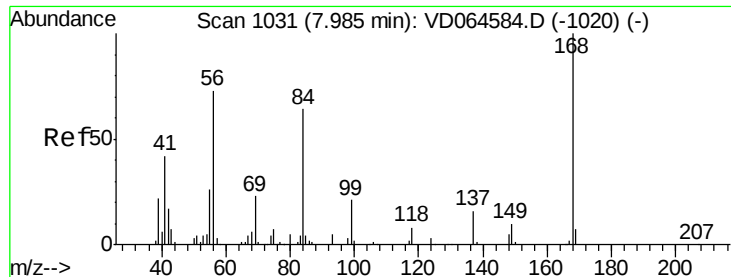
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 24 13:19:06 2019
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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: VD064704.D

Acq: 31 Dec 2019 19:36

Instrument :

MSVOA_D

ClientSampleId :

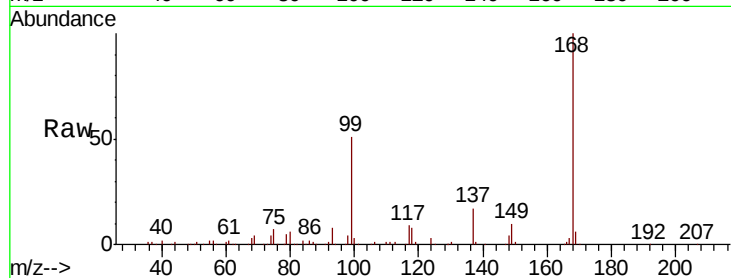
GP-10-(1-3)

Tot Ion:168 Resp: 479306

Ion Ratio Lower Upper

168 100

99 51.4 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

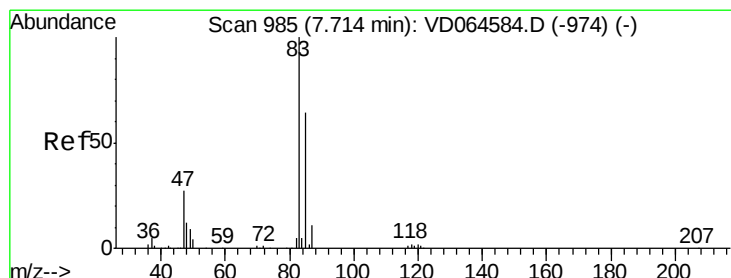
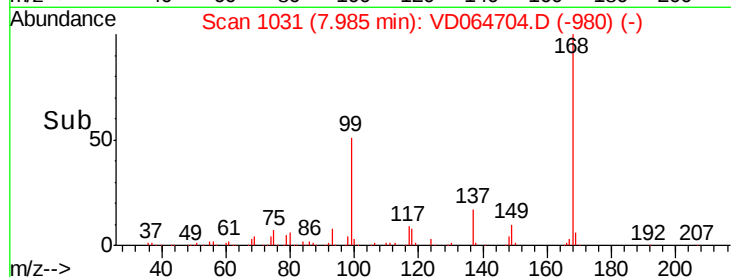
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 1.343 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD064704.D

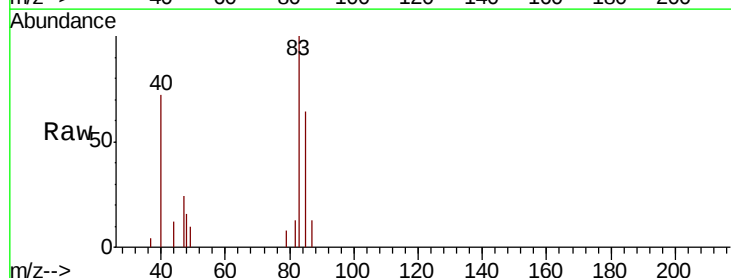
Acq: 31 Dec 2019 19:36

Tgt Ion: 83 Resp: 11090

Ion Ratio Lower Upper

83 100

85 63.8 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

7.71

5000

4000

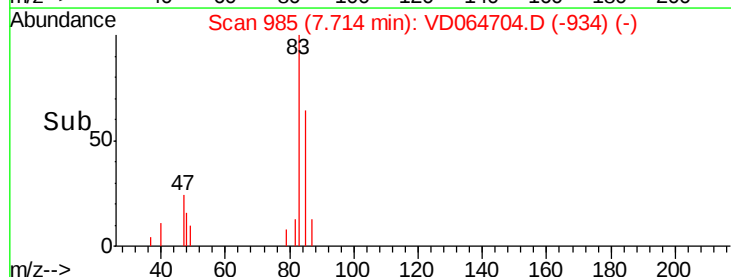
3000

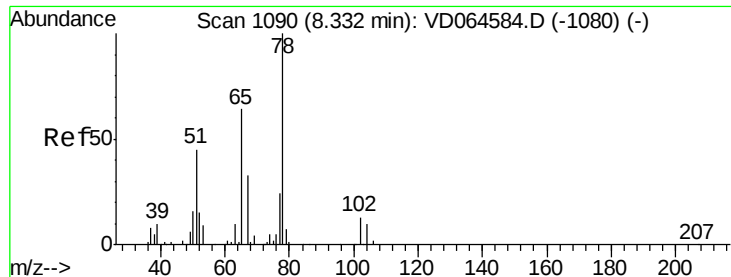
2000

1000

0

Time-->

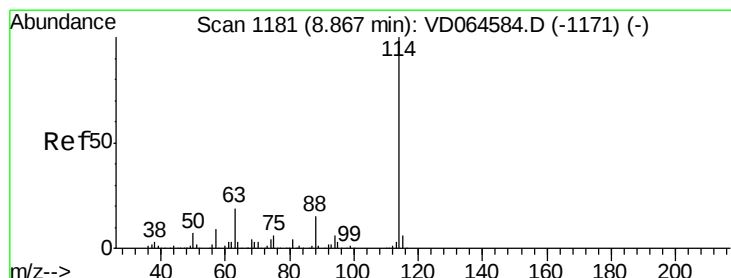
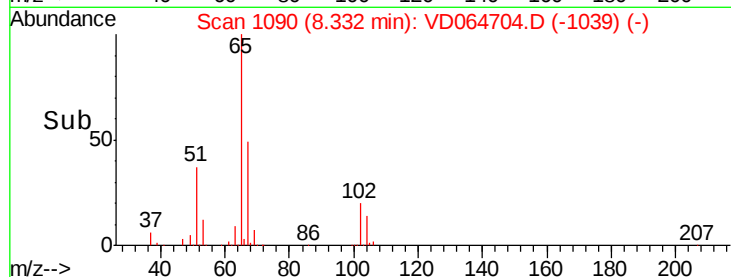
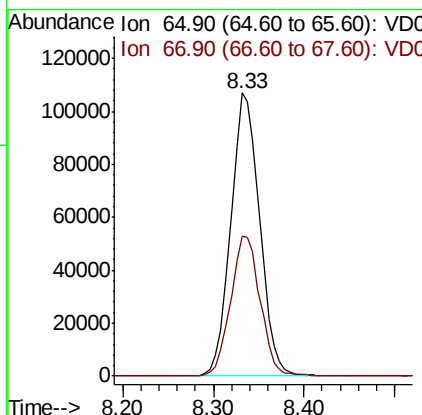
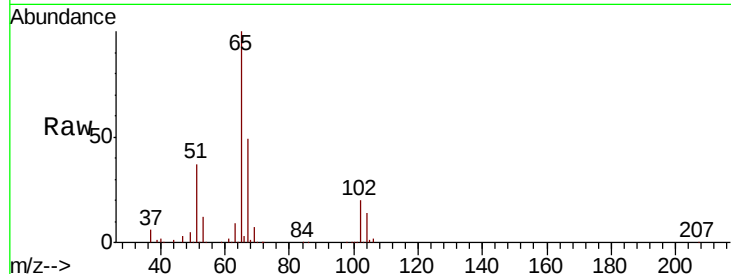




#33
 1,2-Dichloroethane-d4
 Concen: 56.032 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD064704.D
 Acq: 31 Dec 2019 19:36

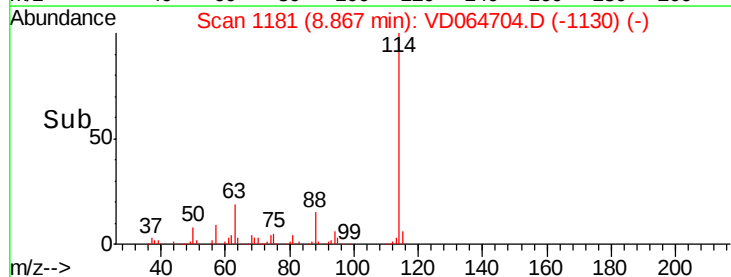
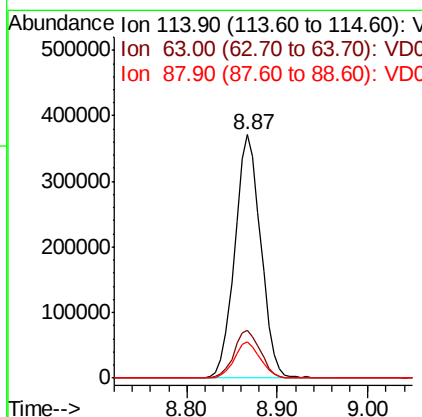
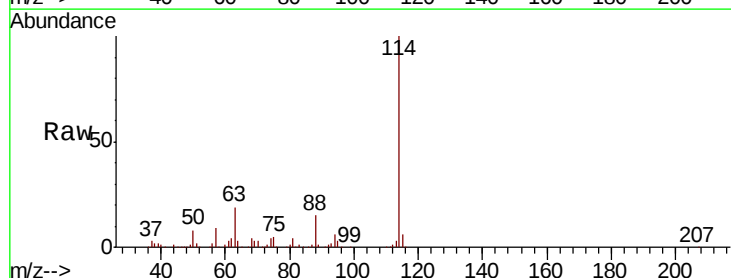
Instrument :
 MSVOA_D
 ClientSampleId :
 GP-10-(1-3)

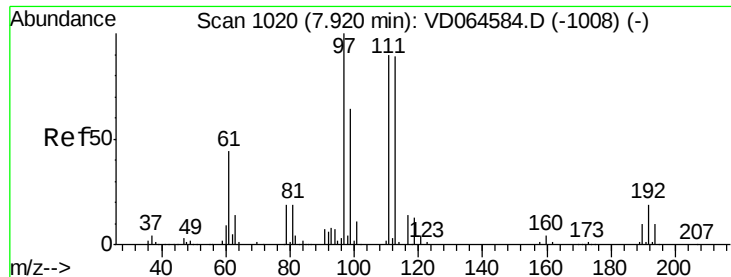
Tot Ion: 65 Resp: 236819
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064704.D
 Acq: 31 Dec 2019 19:36

Tgt Ion: 114 Resp: 740534
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.0
 88 14.7 0.0 29.2





#35

Dibromofluoromethane

Concen: 50.830 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064704.D

Acq: 31 Dec 2019 19:36

Instrument :

MSVOA_D

ClientSampleId :

GP-10-(1-3)

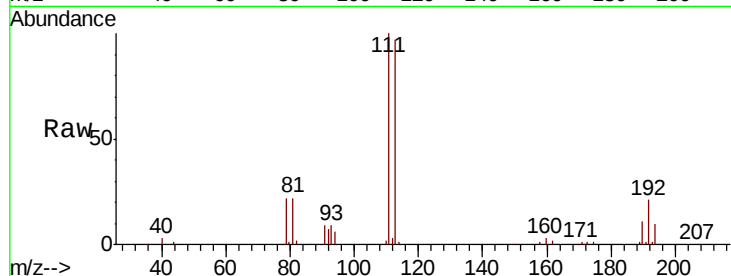
Tot Ion:113 Resp: 230938

Ion Ratio Lower Upper

113 100

111 103.6 80.6 121.0

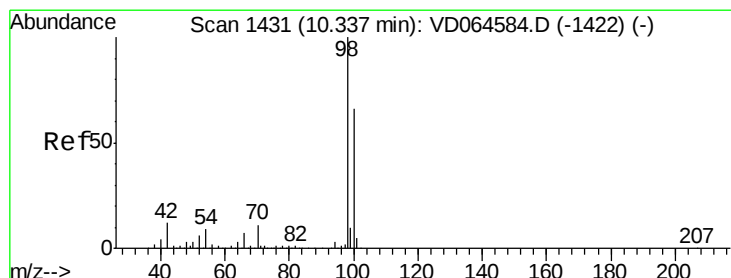
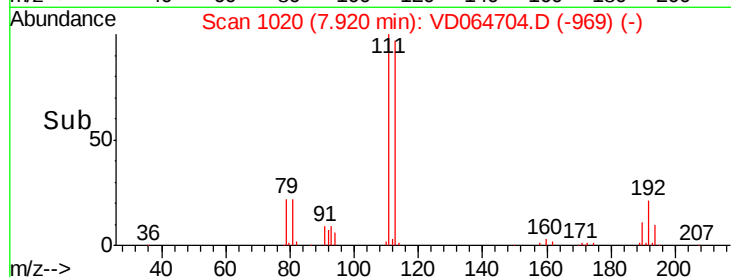
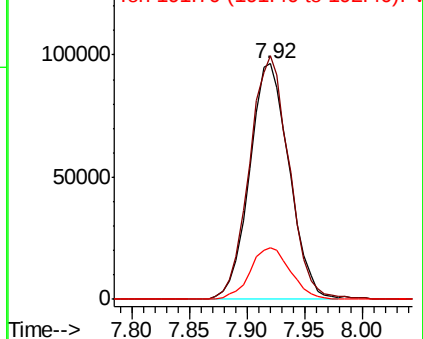
192 22.3 17.9 26.9



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: 50.925 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064704.D

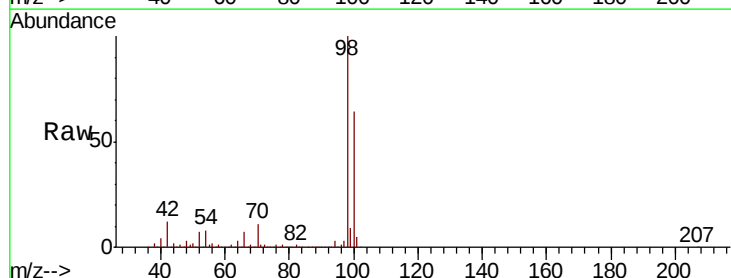
Acq: 31 Dec 2019 19:36

Tgt Ion: 98 Resp: 886119

Ion Ratio Lower Upper

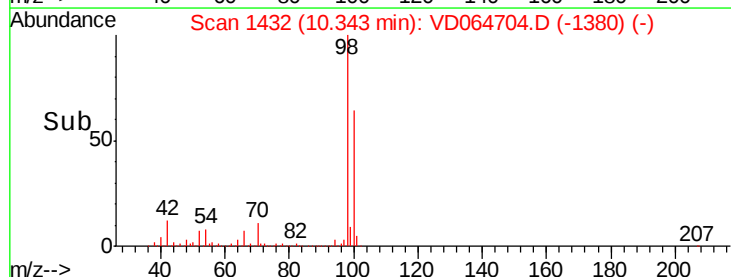
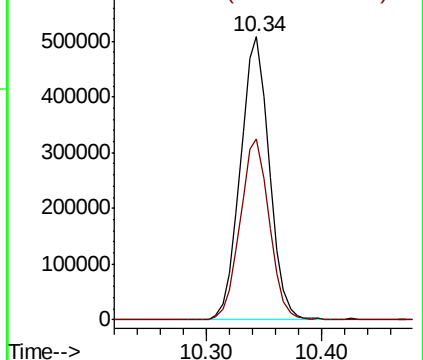
98 100

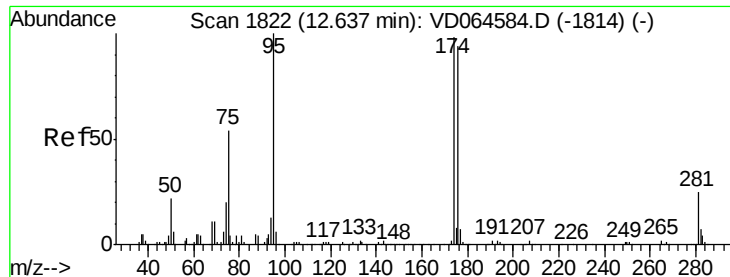
100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

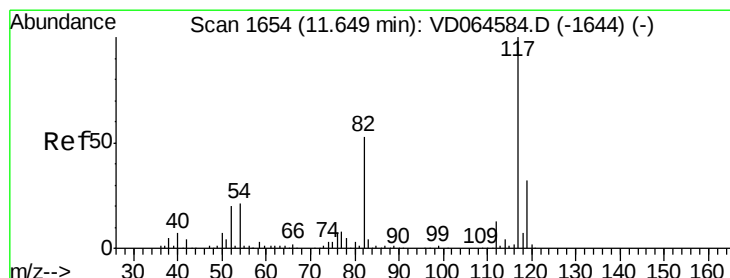
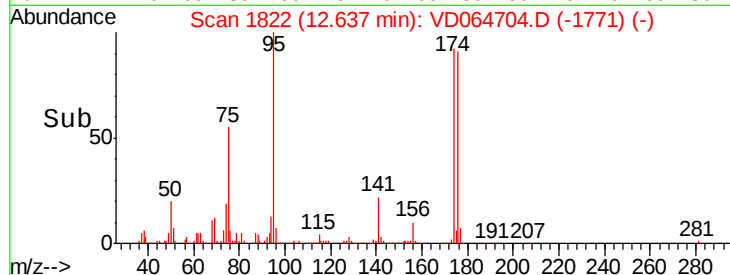
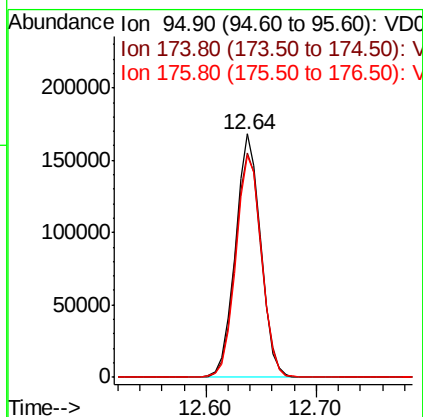
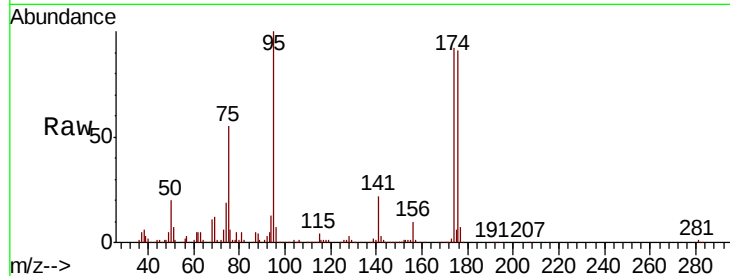




#62
4-Bromofluorobenzene
Concen: 49.247 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064704.D
Acq: 31 Dec 2019 19:36

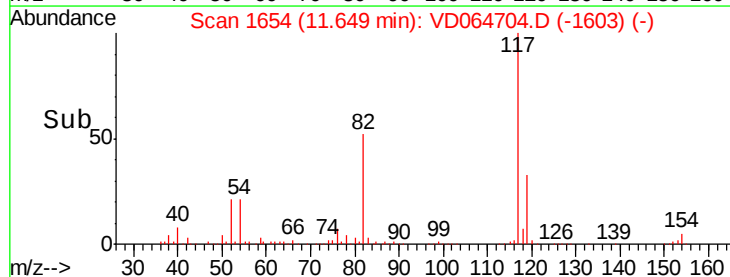
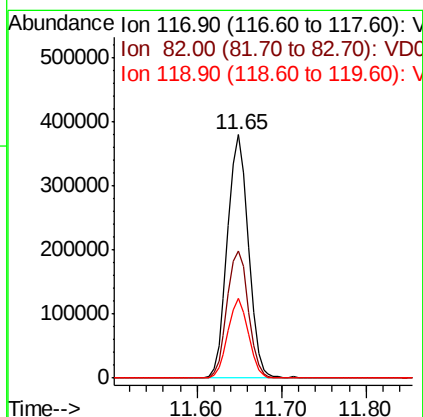
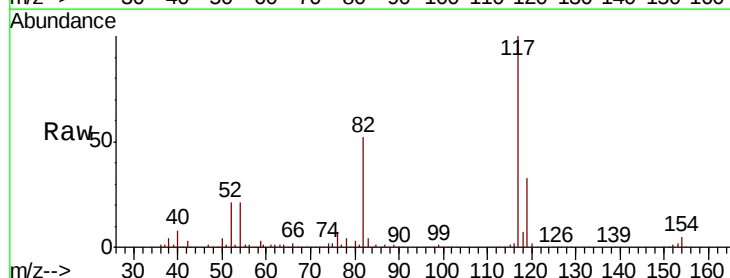
Instrument :
MSVOA_D
ClientSampleId :
GP-10-(1-3)

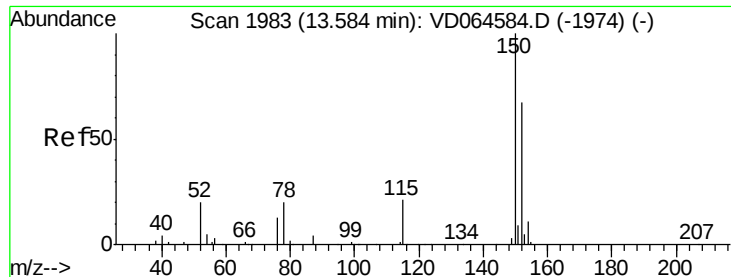
Tot Ion: 95 Resp: 270965
Ion Ratio Lower Upper
95 100
174 94.5 0.0 193.2
176 92.4 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064704.D
Acq: 31 Dec 2019 19:36

Tgt Ion: 117 Resp: 651420
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.4
119 32.6 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064704.D

Acq: 31 Dec 2019 19:36

Instrument :

MSVOA_D

ClientSampleId :

GP-10-(1-3)

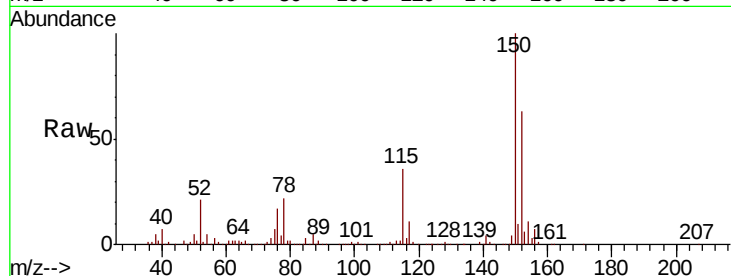
Tot Ion:152 Resp: 310410

Ion Ratio Lower Upper

152 100

115 57.1 27.8 83.4

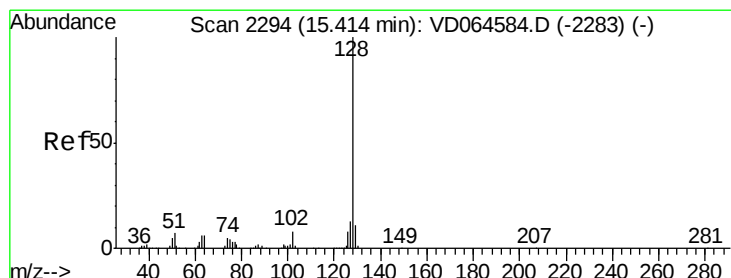
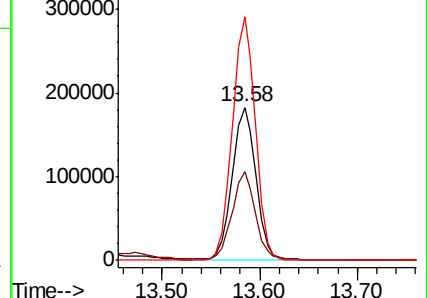
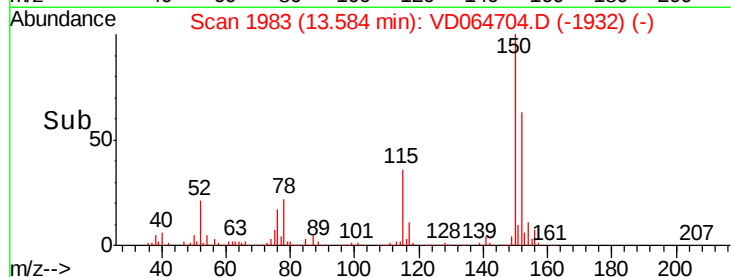
150 152.4 0.0 351.4



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



#95

Naphthalene

Concen: 27.076 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD064704.D

Acq: 31 Dec 2019 19:36

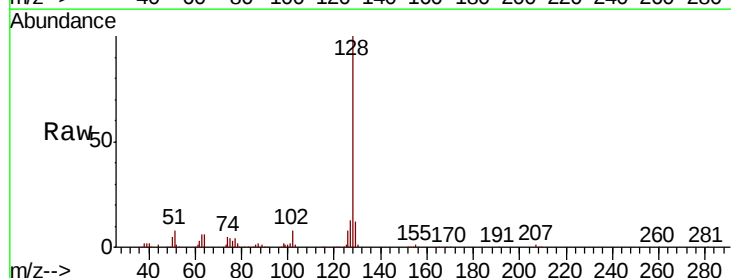
Tgt Ion:128 Resp: 279440

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

129 11.5 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

