

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD123119\
 Data File : VD064697.D
 Acq On : 31 Dec 2019 16:15
 Operator : VA/SY
 Sample : K6463-01
 Misc : 6.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-6-(1-3)

Quant Time: Jan 01 01:34:55 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

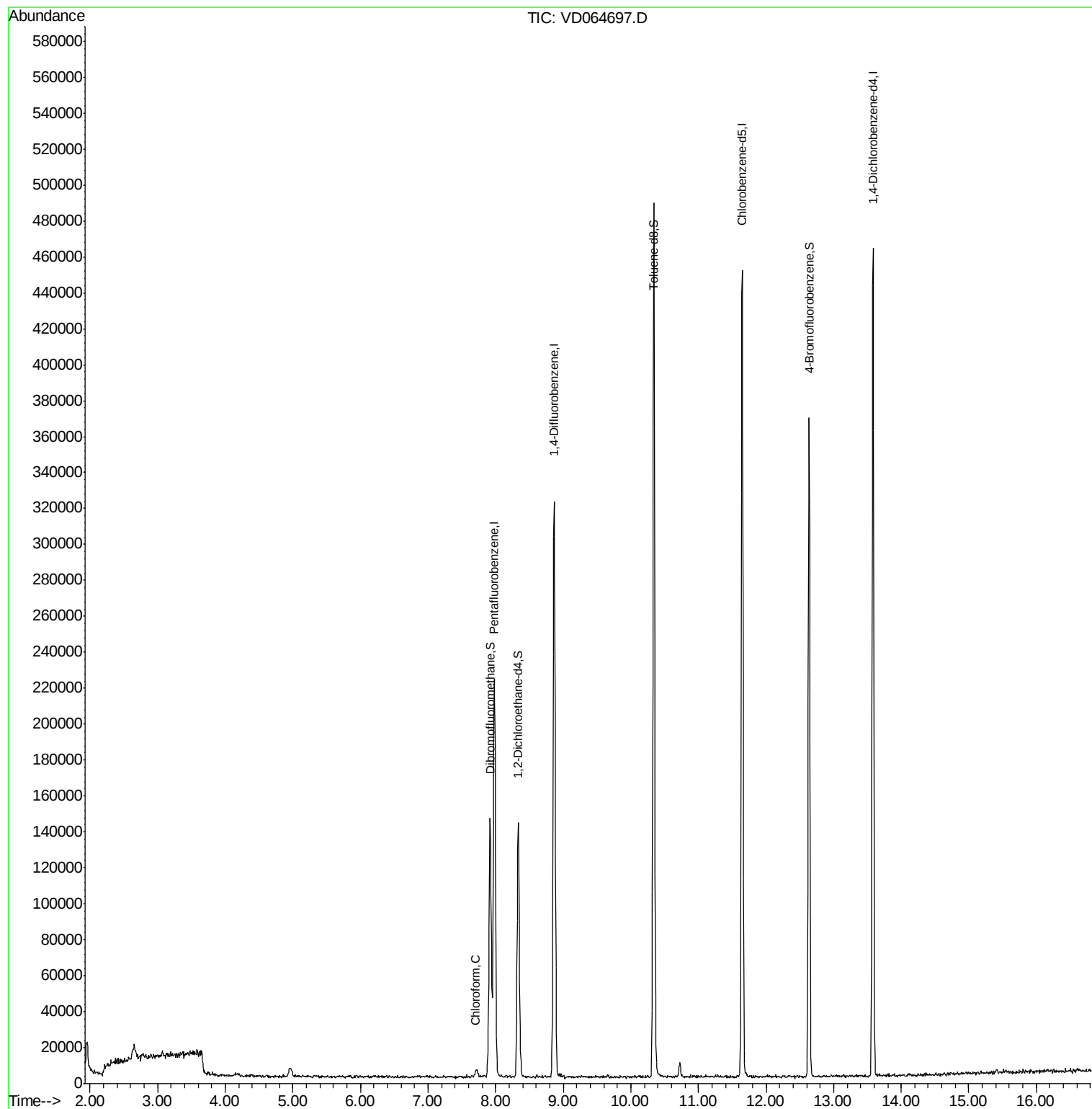
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	171893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	278360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	261440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	123601	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	114242	75.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	150.74%	
35) Dibromofluoromethane	7.92	113	97511	57.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.20%	
50) Toluene-d8	10.34	98	330940	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.64	95	107672	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
Target Compounds						
30) Chloroform	7.71	83	3964	1.338	ug/l #	Qvalue 64

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064697.D

Acq: 31 Dec 2019 16:15

Instrument :

MSVOA_D

ClientSampleId :

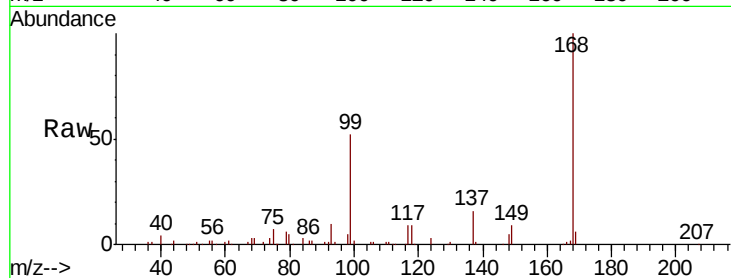
GP-6-(1-3)

Tot Ion:168 Resp: 171893

Ion Ratio Lower Upper

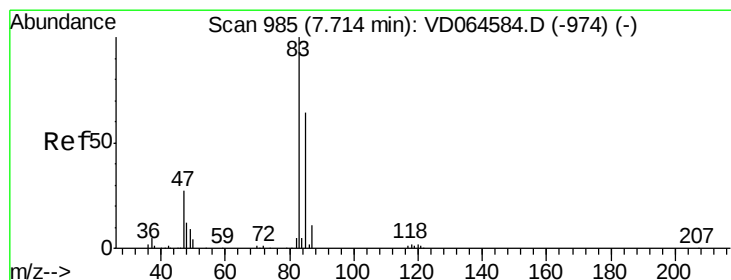
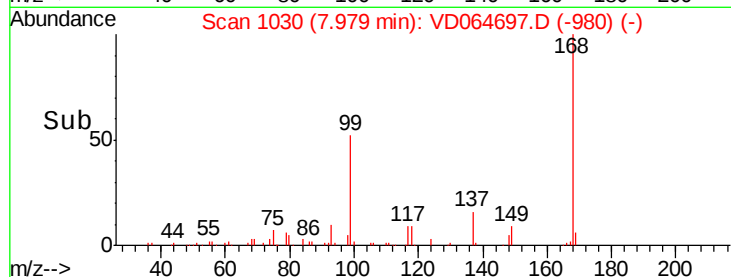
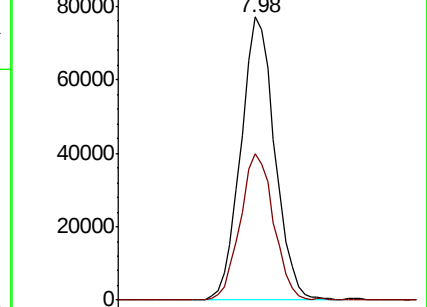
168 100

99 51.6 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#30

Chloroform

Concen: 1.338 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.01 min

Lab File: VD064697.D

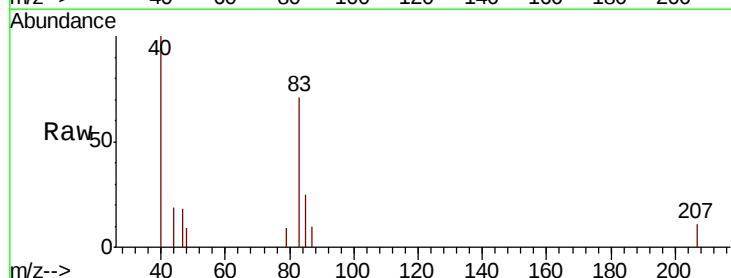
Acq: 31 Dec 2019 16:15

Tgt Ion: 83 Resp: 3964

Ion Ratio Lower Upper

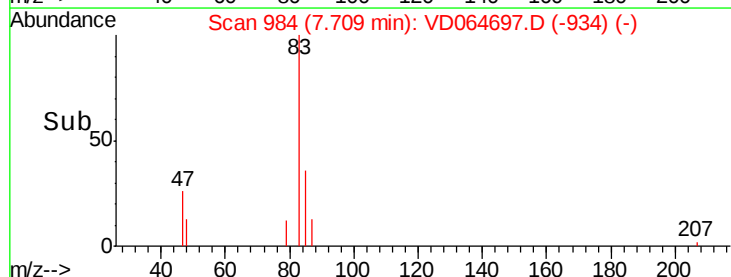
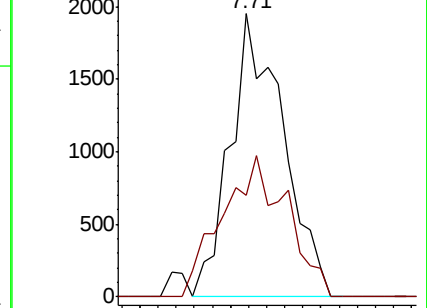
83 100

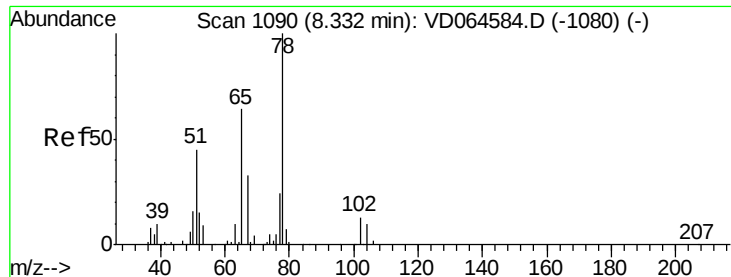
85 35.9 51.1 76.7#



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: 75.371 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064697.D

Acq: 31 Dec 2019 16:15

Instrument :

MSVOA_D

ClientSampled :

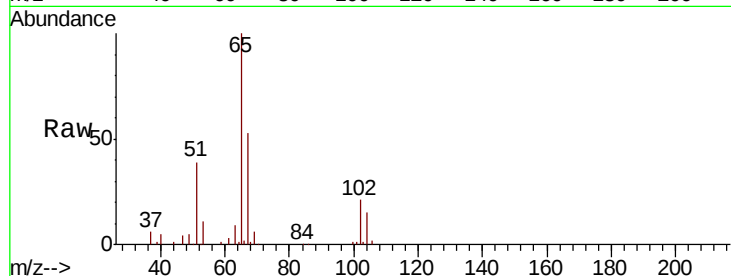
GP-6-(1-3)

Tot Ion: 65 Resp: 114242

Ion Ratio Lower Upper

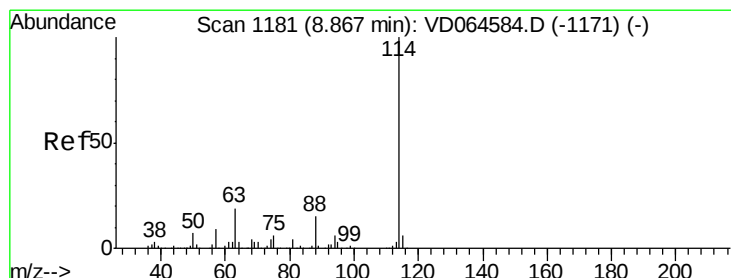
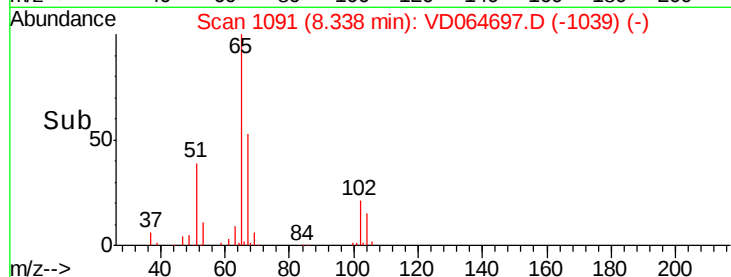
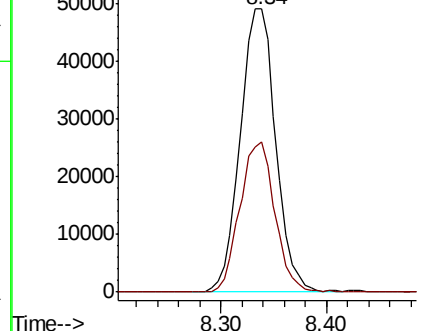
65 100

67 52.2 0.0 106.2



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: VD064697.D

Acq: 31 Dec 2019 16:15

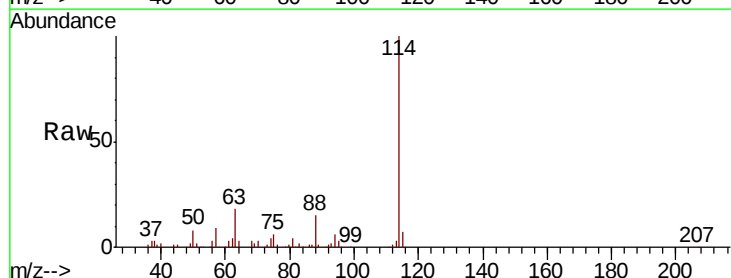
Tgt Ion: 114 Resp: 278360

Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.0

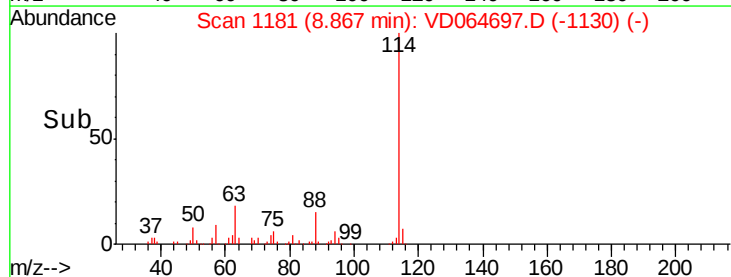
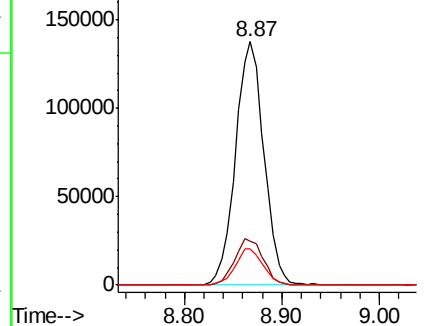
88 15.1 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 57.098 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064697.D

Acq: 31 Dec 2019 16:15

Instrument :

MSVOA_D

ClientSampleId :

GP-6-(1-3)

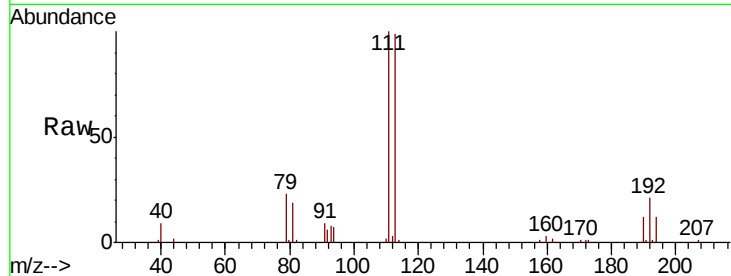
Tot Ion:113 Resp: 97511

Ion Ratio Lower Upper

113 100

111 104.1 80.6 121.0

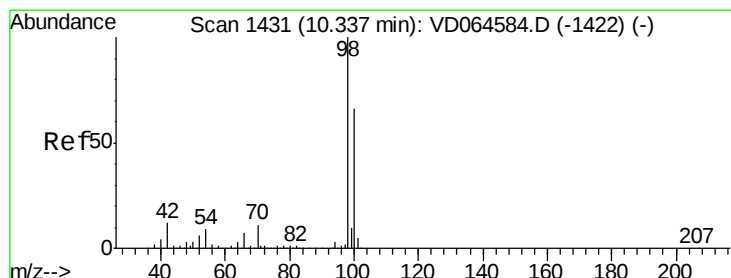
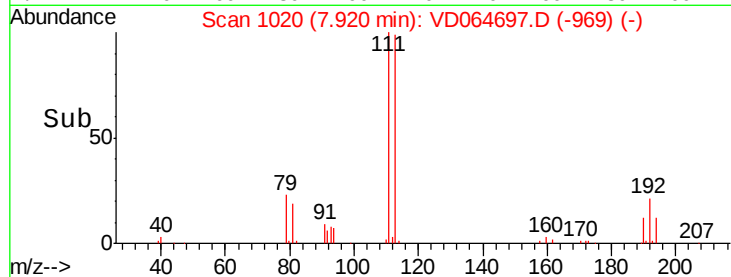
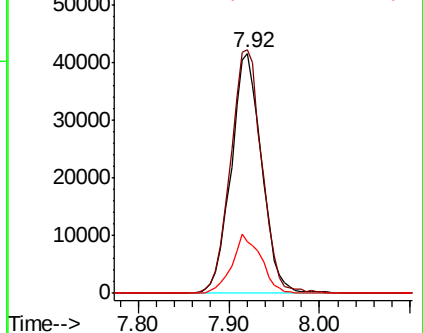
192 23.1 17.9 26.9



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: 50.598 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064697.D

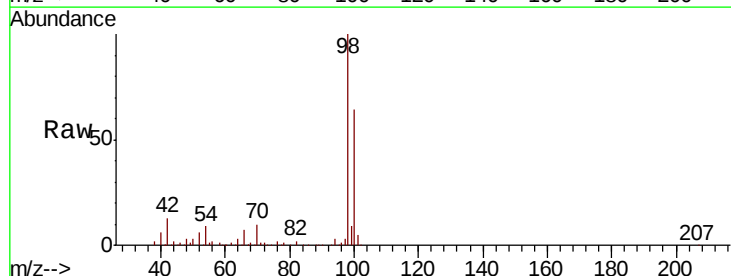
Acq: 31 Dec 2019 16:15

Tgt Ion: 98 Resp: 330940

Ion Ratio Lower Upper

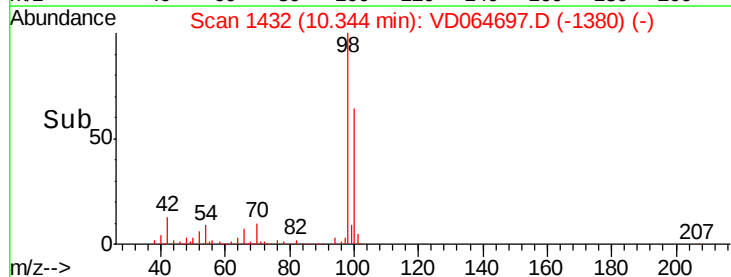
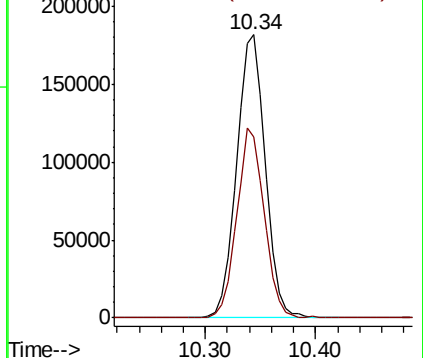
98 100

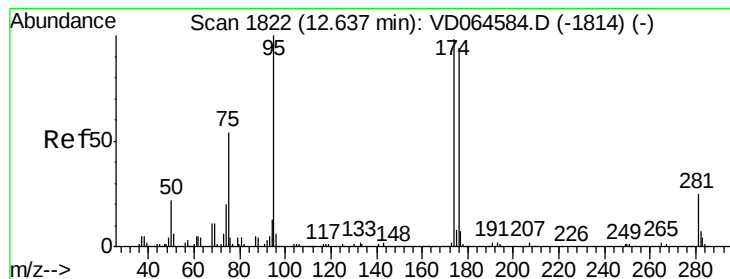
100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 52.060 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064697.D

Acq: 31 Dec 2019 16:15

Instrument :

MSVOA_D

ClientSampleId :

GP-6-(1-3)

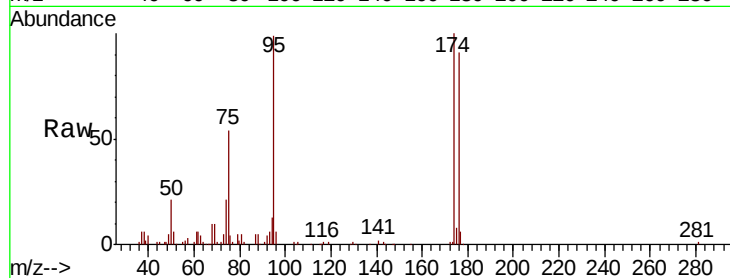
Tot Ion: 95 Resp: 107672

Ion Ratio Lower Upper

95 100

174 95.9 0.0 193.2

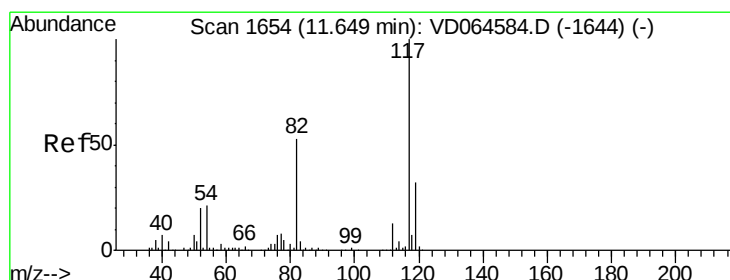
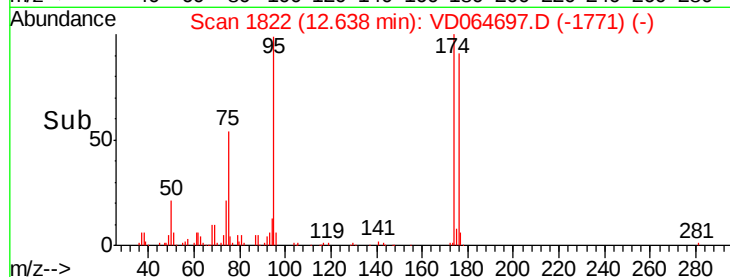
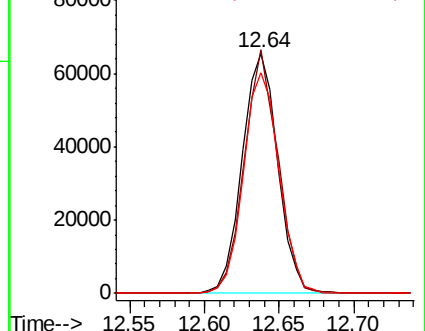
176 92.5 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064697.D

Acq: 31 Dec 2019 16:15

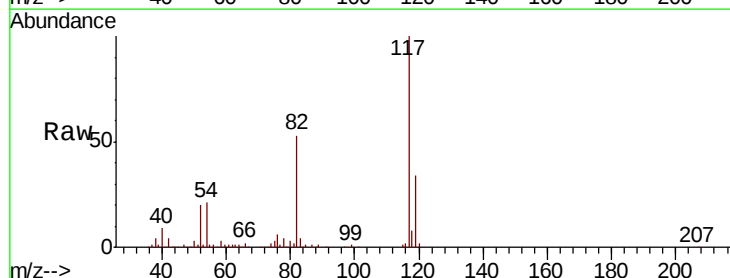
Tgt Ion: 117 Resp: 261440

Ion Ratio Lower Upper

117 100

82 52.9 42.2 63.4

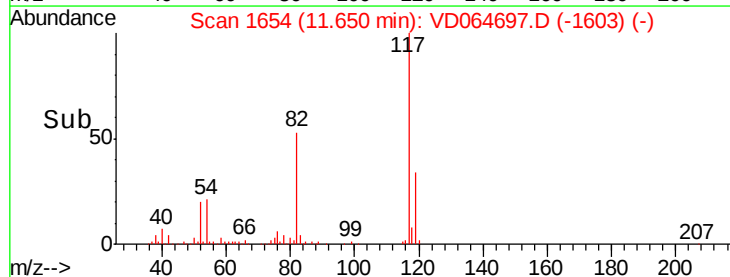
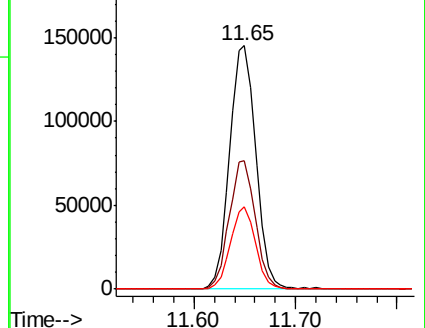
119 33.7 26.0 39.0

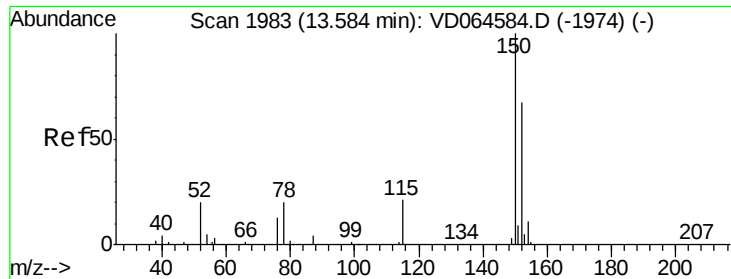


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064697.D

Acq: 31 Dec 2019 16:15

Instrument :

MSVOA_D

ClientSampleId :

GP-6-(1-3)

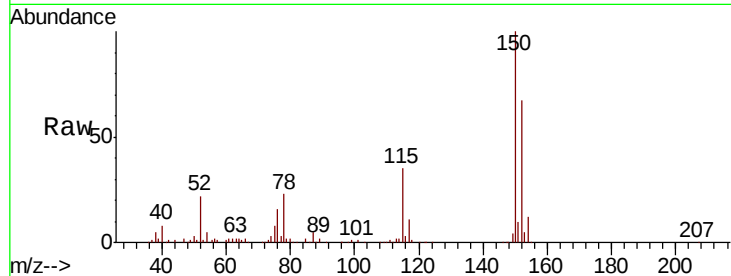
Tot Ion:152 Resp: 123601

Ion Ratio Lower Upper

152 100

115 55.8 27.8 83.4

150 158.4 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

