

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
 Data File : VD064754.D
 Acq On : 04 Jan 2020 02:04
 Operator : VA/SY
 Sample : K6463-01
 Misc : 6.95G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Jan 06 07:59:13 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

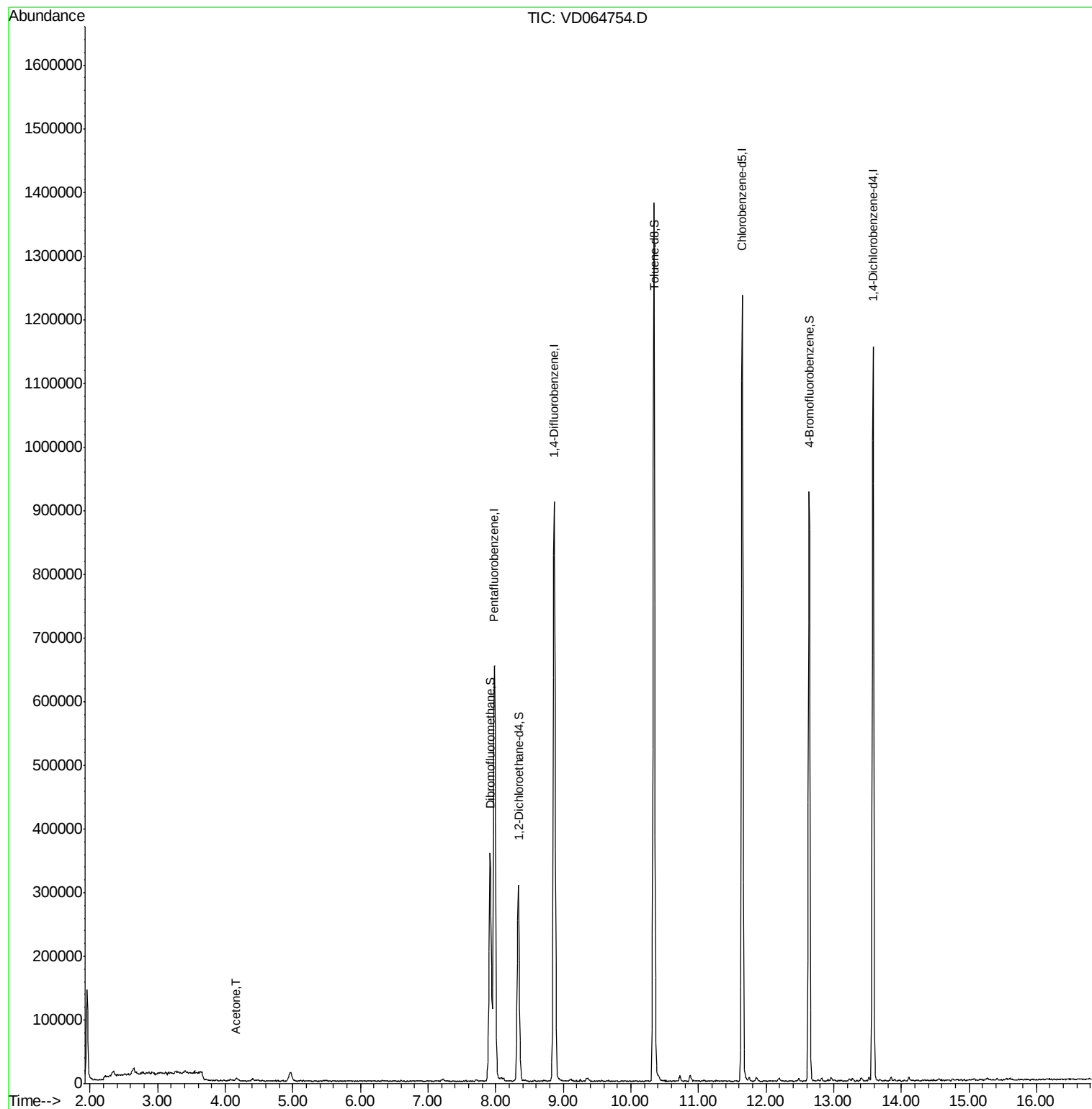
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	509549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	781795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	686870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	297563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	243861	54.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.54%	
35) Dibromofluoromethane	7.92	113	241346	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
50) Toluene-d8	10.34	98	936020	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.64	95	274258	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
Target Compounds						
16) Acetone	4.16	43	7911	11.554	ug/l	Qvalue 98

(#) = 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: VD064754.D

Acq: 04 Jan 2020 02:04

Instrument :

MSVOA_D

ClientSampleId :

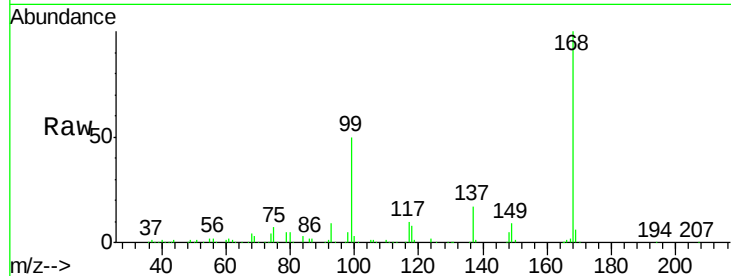
GP-6-(1-3)

Tgt Ion:168 Resp: 509549

Ion Ratio Lower Upper

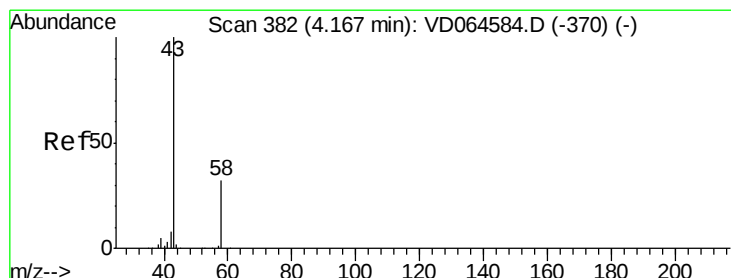
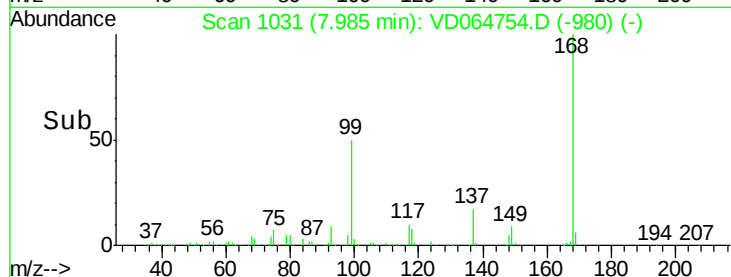
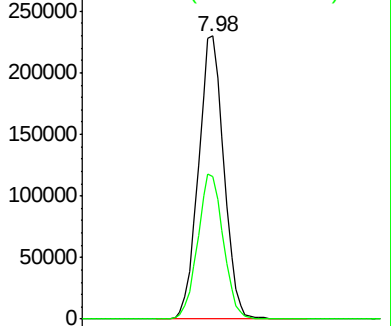
168 100

99 50.1 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 11.554 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064754.D

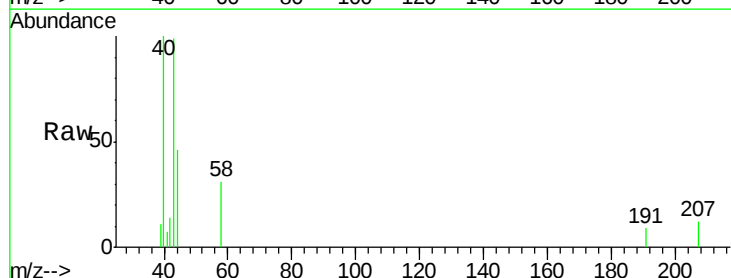
Acq: 04 Jan 2020 02:04

Tgt Ion: 43 Resp: 7911

Ion Ratio Lower Upper

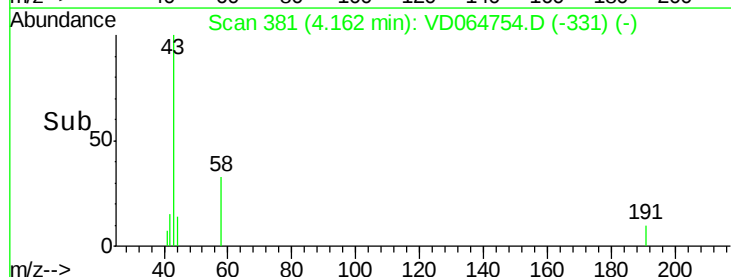
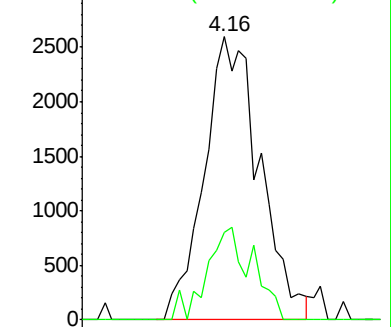
43 100

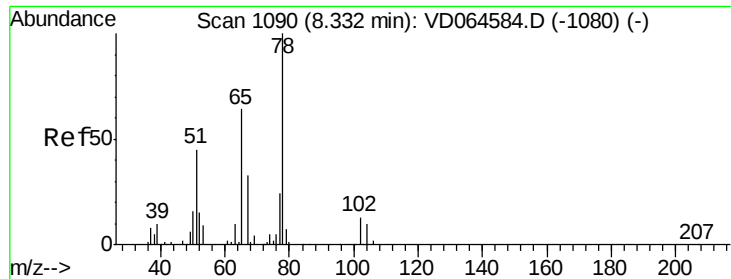
58 30.9 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 54.274 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064754.D

Acq: 04 Jan 2020 02:04

Instrument :

MSVOA_D

ClientSampleId :

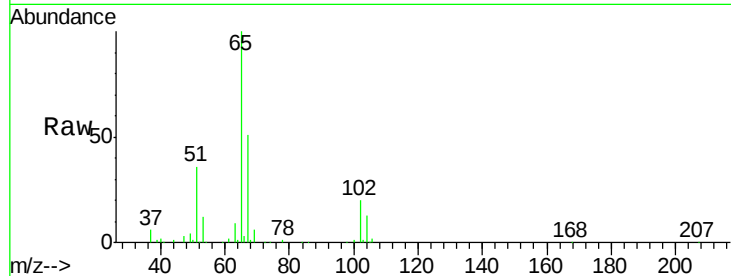
GP-6-(1-3)

Tgt Ion: 65 Resp: 243861

Ion Ratio Lower Upper

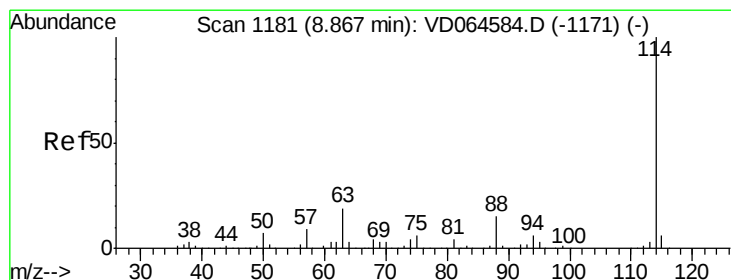
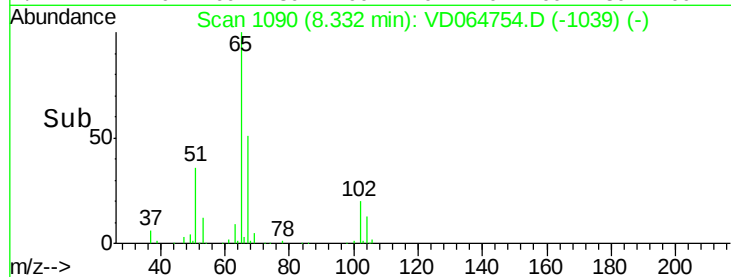
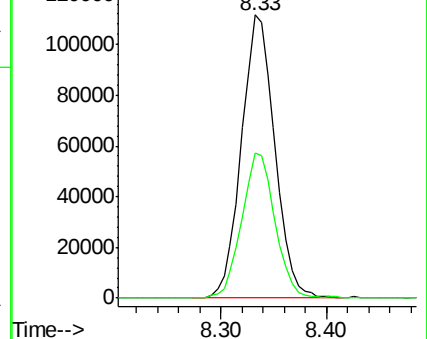
65 100

67 51.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VD064754.D (-1039) (-)

Ion 66.90 (66.60 to 67.60): VD064754.D (-1039) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064754.D

Acq: 04 Jan 2020 02:04

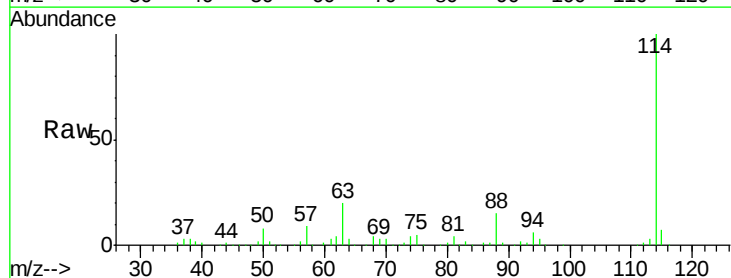
Tgt Ion: 114 Resp: 781795

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.0

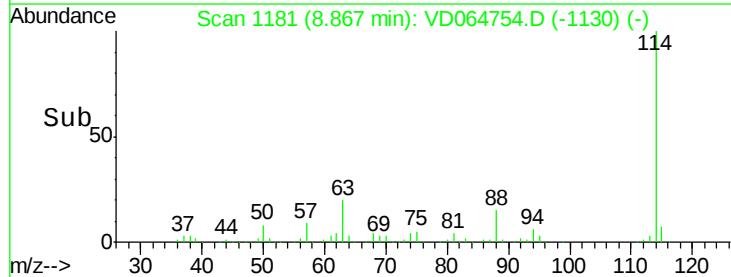
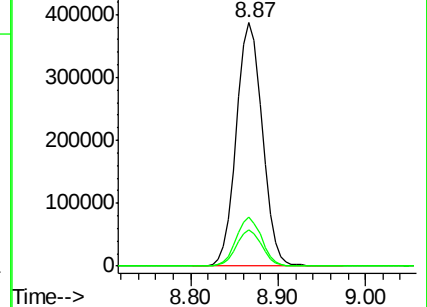
88 15.0 0.0 29.2

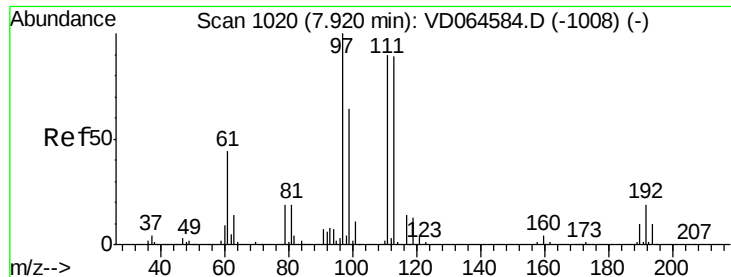


Abundance Ion 113.90 (113.60 to 114.60): VD064754.D (-1130) (-)

Ion 63.00 (62.70 to 63.70): VD064754.D (-1130) (-)

Ion 87.90 (87.60 to 88.60): VD064754.D (-1130) (-)

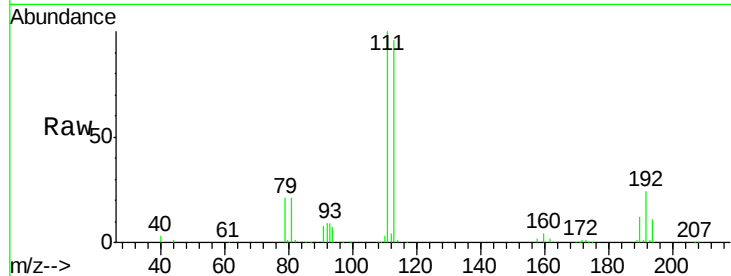




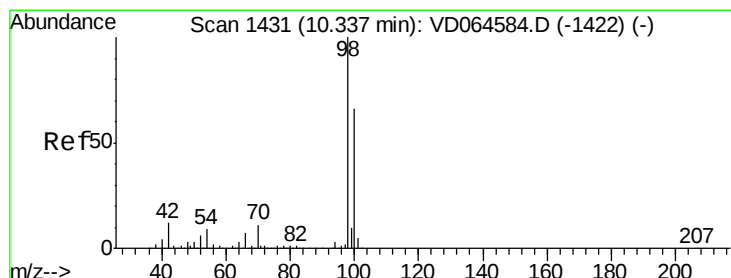
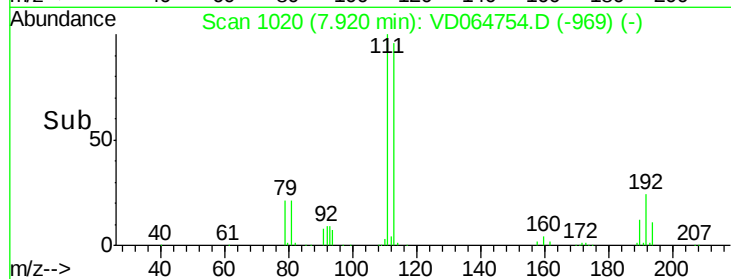
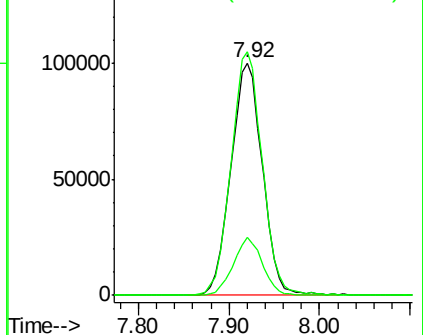
#35
 Dibromofluoromethane
 Concen: 50.318 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064754.D
 Acq: 04 Jan 2020 02:04

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

Tgt Ion:113 Resp: 241346
 Ion Ratio Lower Upper
 113 100
 111 104.0 80.6 121.0
 192 23.1 17.9 26.9

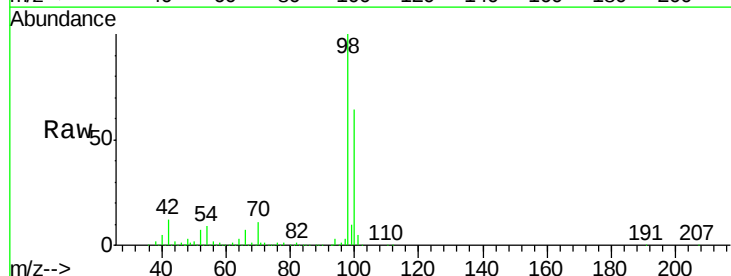


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

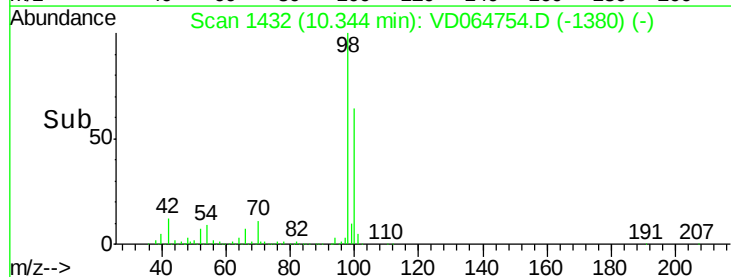
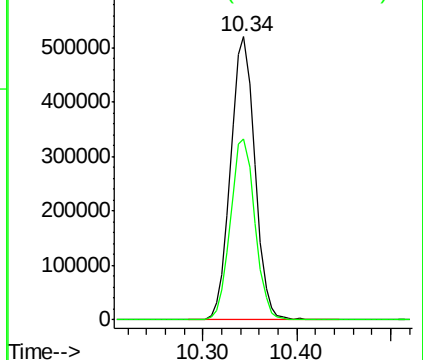


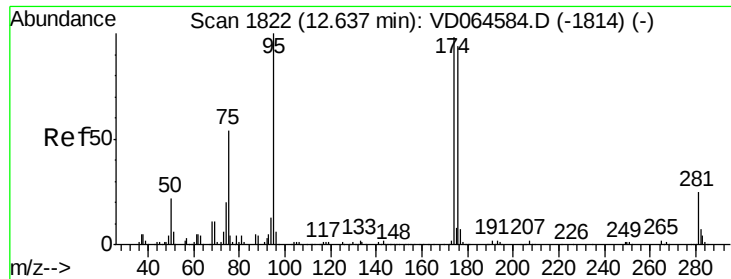
#50
 Toluene-d8
 Concen: 50.954 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064754.D
 Acq: 04 Jan 2020 02:04

Tgt Ion: 98 Resp: 936020
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC





#62

4-Bromofluorobenzene

Concen: 47.215 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064754.D

Acq: 04 Jan 2020 02:04

Instrument :

MSVOA_D

ClientSampleId :

GP-6-(1-3)

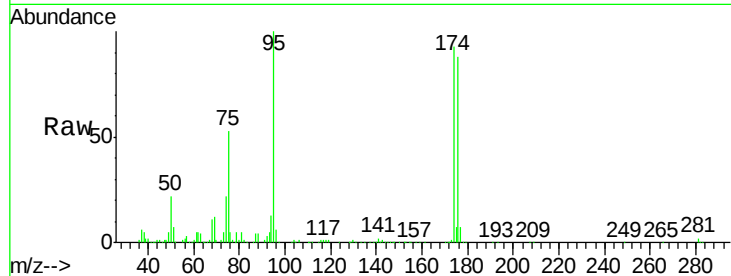
Tgt Ion: 95 Resp: 274258

Ion Ratio Lower Upper

95 100

174 94.1 0.0 193.2

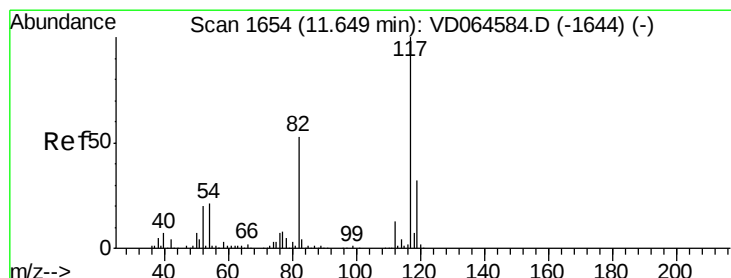
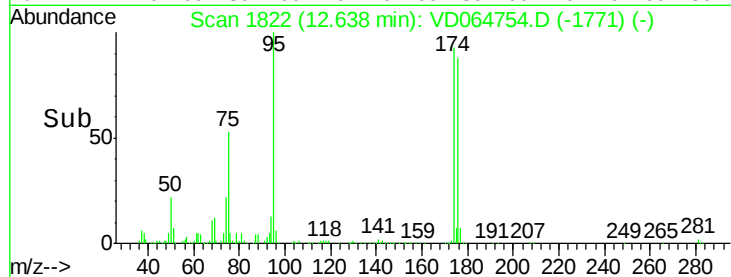
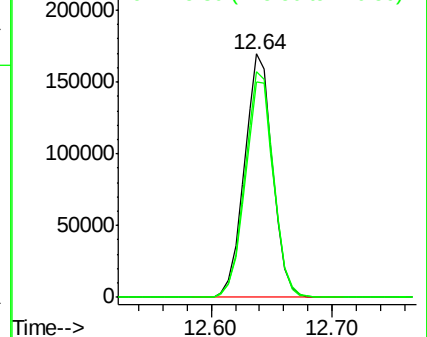
176 90.1 0.0 184.2



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: VD064754.D

Acq: 04 Jan 2020 02:04

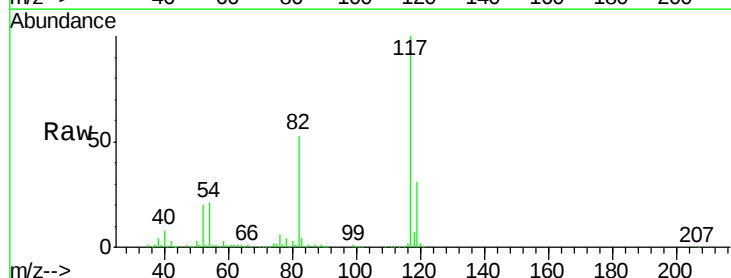
Tgt Ion: 117 Resp: 686870

Ion Ratio Lower Upper

117 100

82 52.9 42.2 63.4

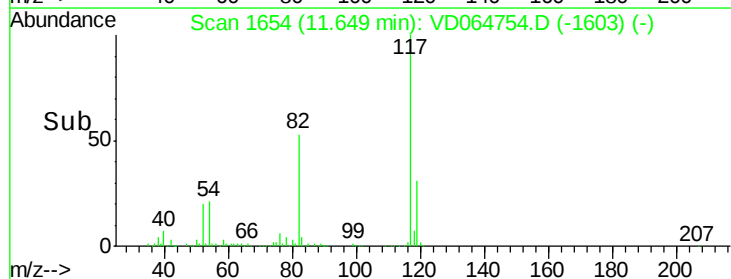
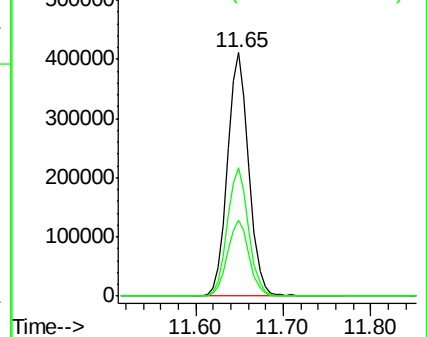
119 31.3 26.0 39.0

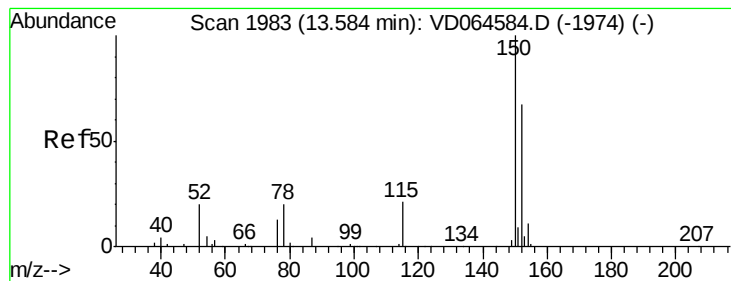


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1983

Delta R.T. 0.00 min

Lab File: VD064754.D

Acq: 04 Jan 2020 02:04

Instrument :

MSVOA_D

ClientSampleId :

GP-6-(1-3)

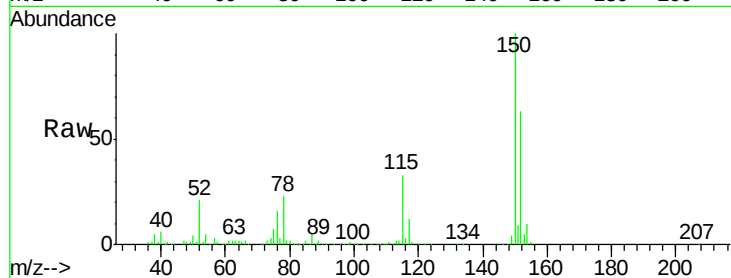
Tgt Ion:152 Resp: 297563

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.4

150 157.2 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

