

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
 Data File : VD064737.D
 Acq On : 03 Jan 2020 16:34
 Operator : VA/SY
 Sample : K6472-04
 Misc : 8.46G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K309-SB-04

Quant Time: Jan 06 07:17:12 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	480288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	753187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	658538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	300139	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	223039	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
35) Dibromofluoromethane	7.92	113	231037	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	10.34	98	908887	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.64	95	266065	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	

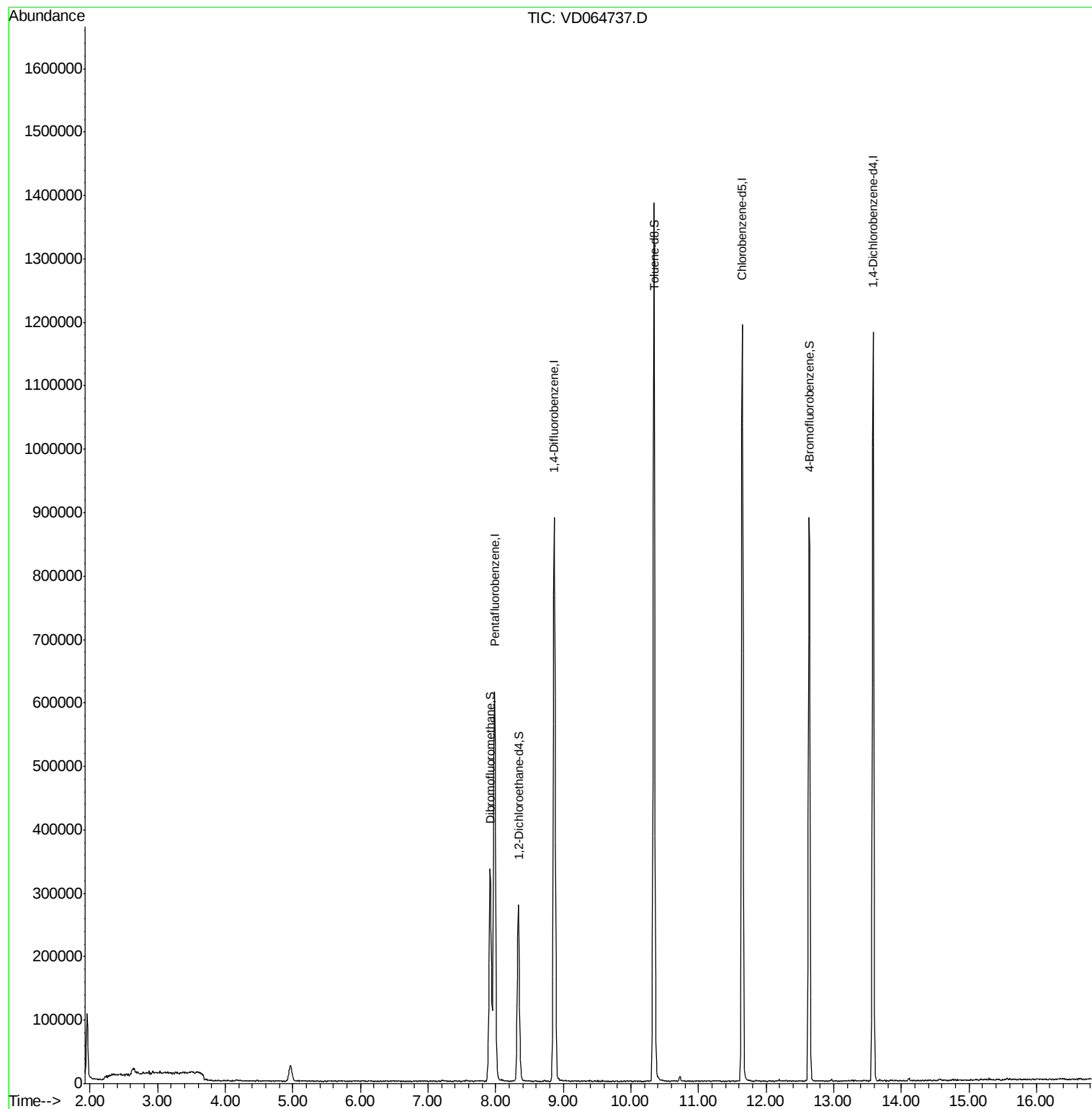
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

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ClientSampleId :

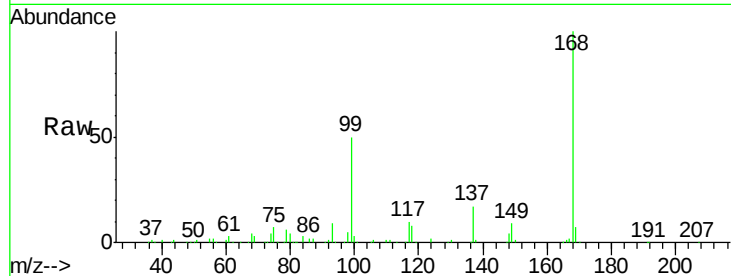
K309-SB-04

Tgt Ion:168 Resp: 480288

Ion Ratio Lower Upper

168 100

99 49.7 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

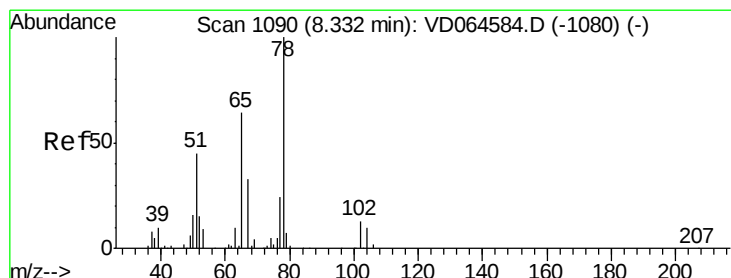
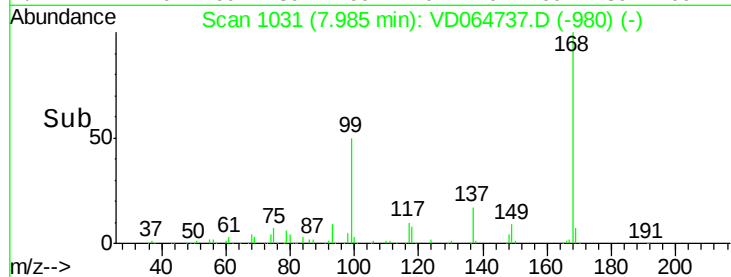
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.664 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064737.D

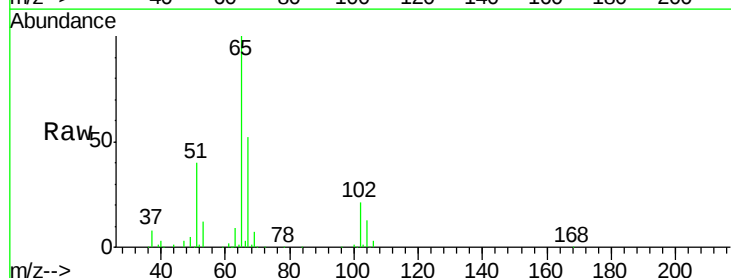
Acq: 03 Jan 2020 16:34

Tgt Ion: 65 Resp: 223039

Ion Ratio Lower Upper

65 100

67 50.6 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

100000

80000

60000

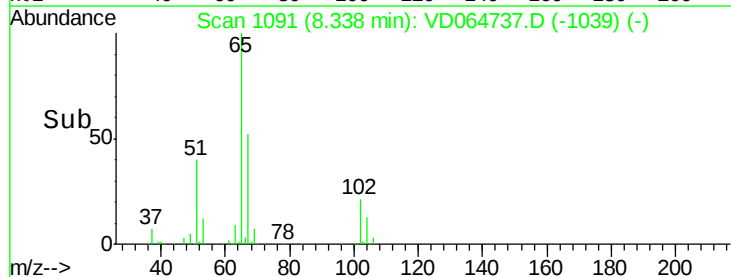
40000

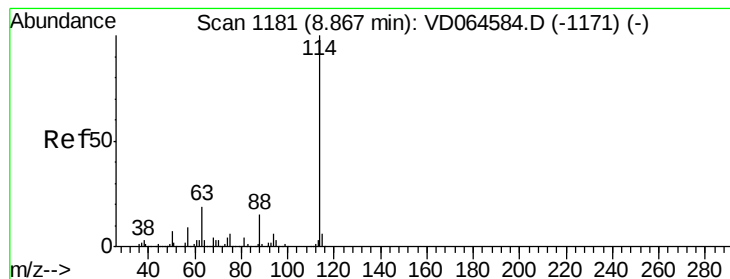
20000

0

8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064737.D

Acq: 03 Jan 2020 16:34

Instrument :

MSVOA_D

ClientSampleId :

K309-SB-04

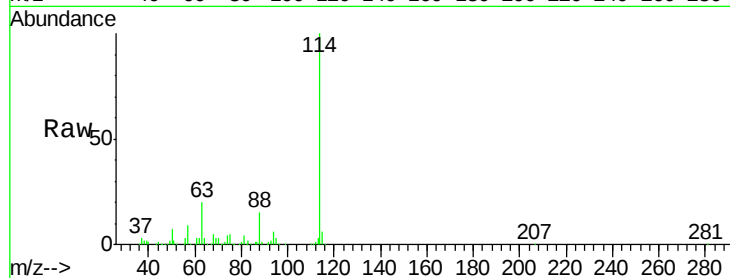
Tgt Ion:114 Resp: 753187

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.0

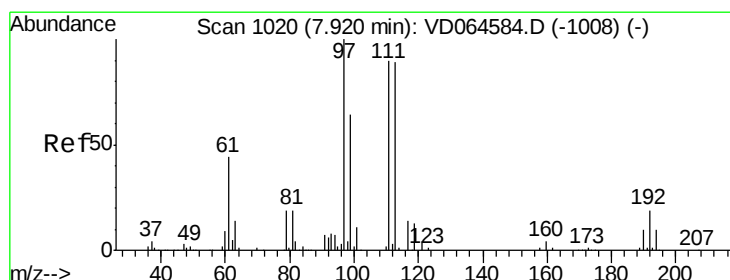
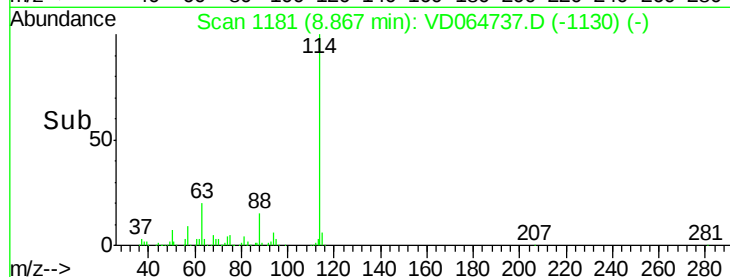
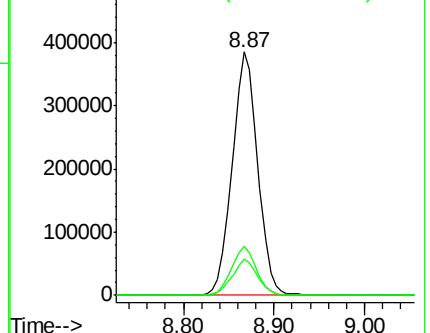
88 14.8 0.0 29.2



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: 49.998 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064737.D

Acq: 03 Jan 2020 16:34

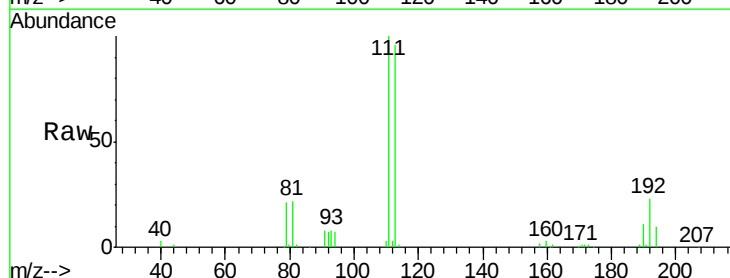
Tgt Ion:113 Resp: 231037

Ion Ratio Lower Upper

113 100

111 104.3 80.6 121.0

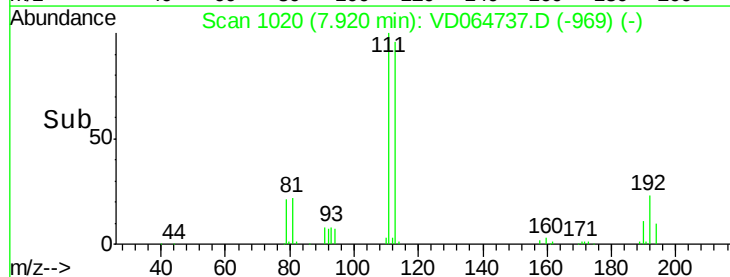
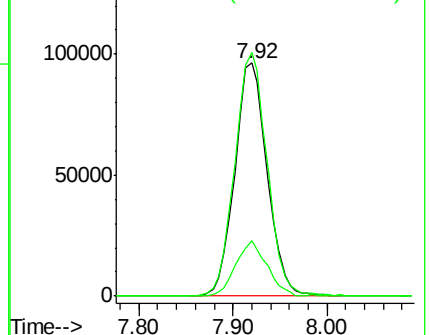
192 22.9 17.9 26.9

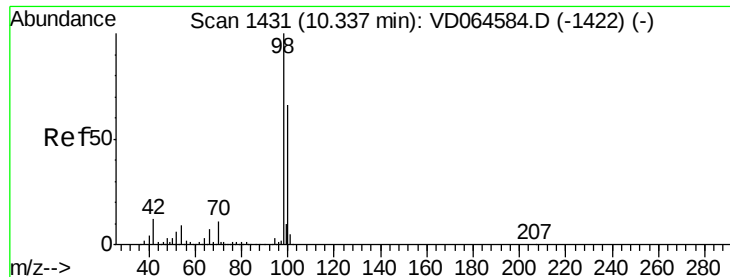


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.356 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064737.D

Acq: 03 Jan 2020 16:34

Instrument :

MSVOA_D

ClientSampleId :

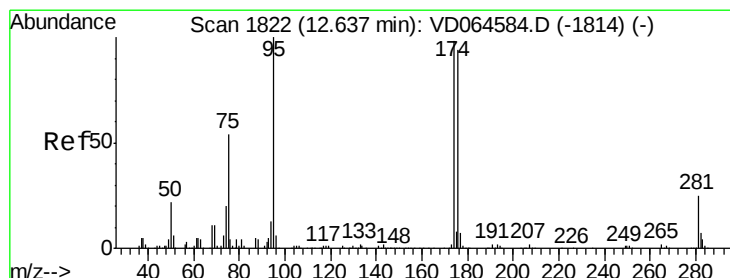
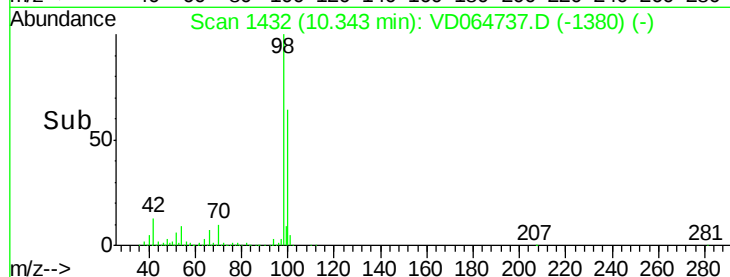
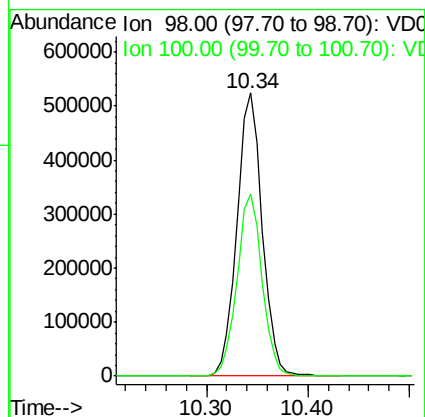
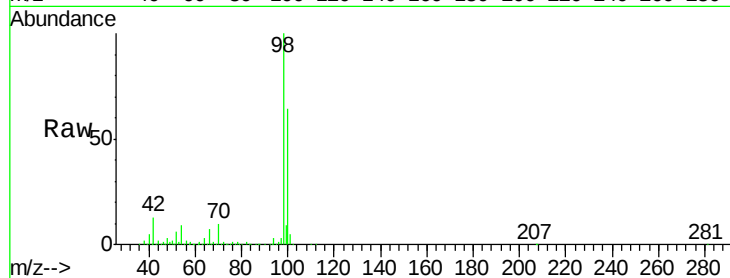
K309-SB-04

Tgt Ion: 98 Resp: 908887

Ion Ratio Lower Upper

98 100

100 64.0 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 47.544 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064737.D

Acq: 03 Jan 2020 16:34

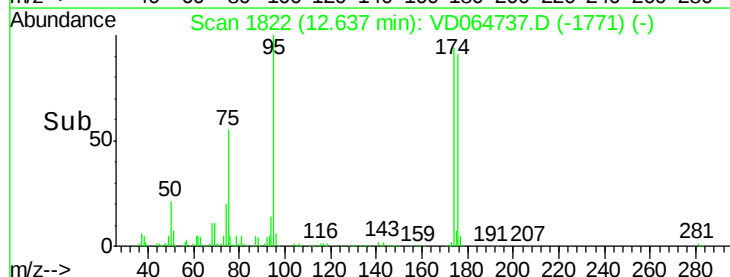
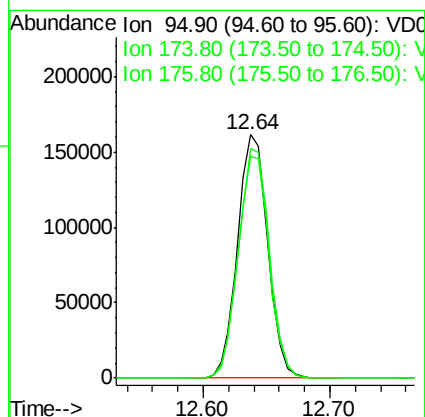
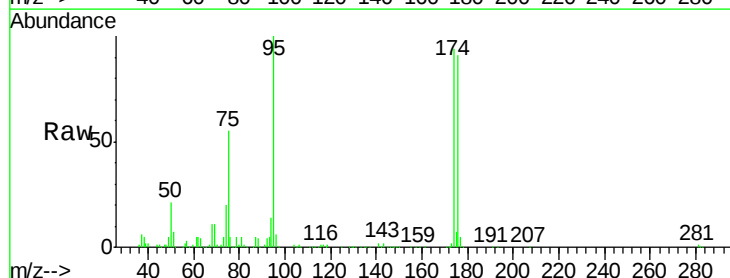
Tgt Ion: 95 Resp: 266065

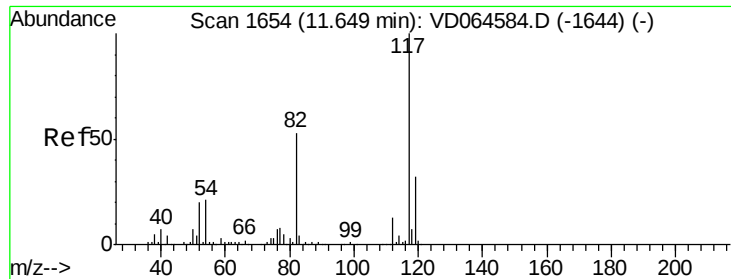
Ion Ratio Lower Upper

95 100

174 97.3 0.0 193.2

176 93.5 0.0 184.2

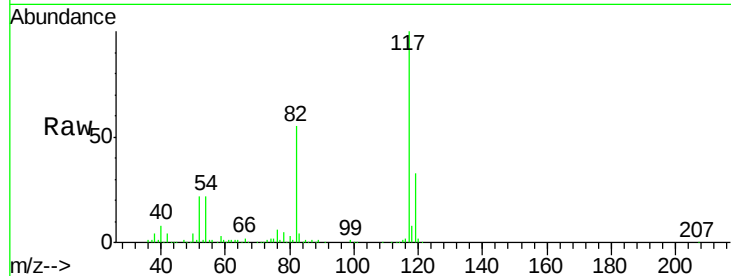




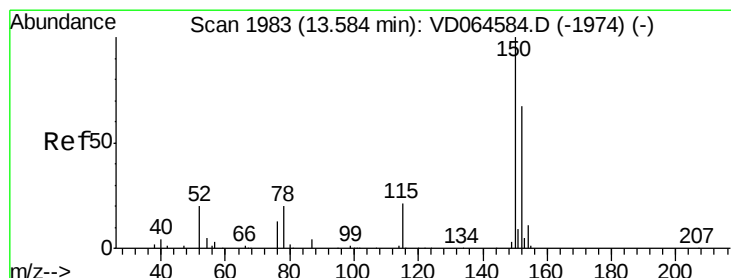
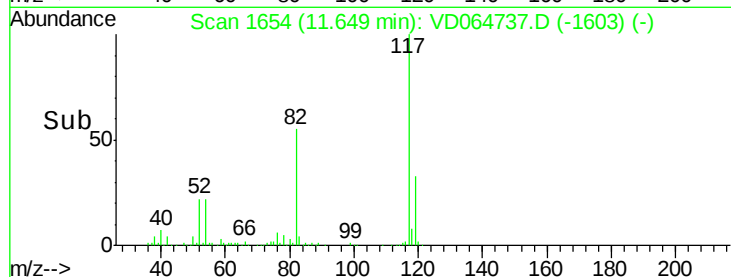
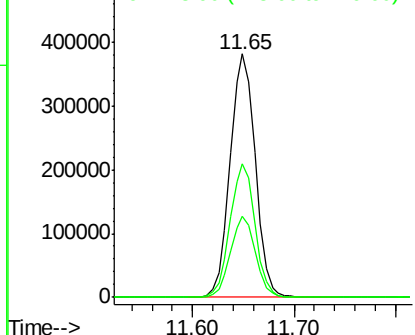
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064737.D
Acq: 03 Jan 2020 16:34

Instrument :
MSVOA_D
ClientSampleId :
K309-SB-04

Tgt Ion:117 Resp: 658538
Ion Ratio Lower Upper
117 100
82 54.8 42.2 63.4
119 33.0 26.0 39.0

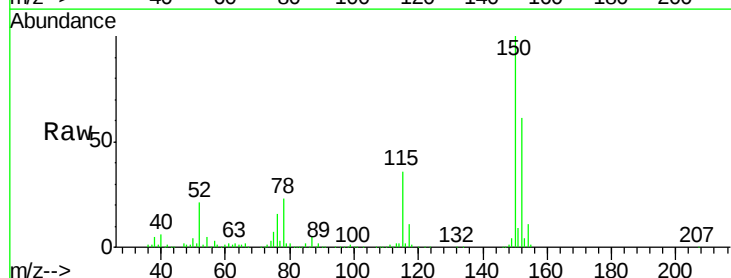


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064737.D
Acq: 03 Jan 2020 16:34

Tgt Ion:152 Resp: 300139
Ion Ratio Lower Upper
152 100
115 56.9 27.8 83.4
150 163.3 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

