

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011320\
 Data File : VD064849.D
 Acq On : 13 Jan 2020 15:05
 Operator : VA/SY
 Sample : L1098-05
 Misc : 7.57G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5_13.5-14.0

Quant Time: Jan 14 11:52:47 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	520936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	809768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	734550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	344844	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	246377	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
35) Dibromofluoromethane	7.92	113	251006	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
50) Toluene-d8	10.34	98	973429	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.64	95	304399	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	

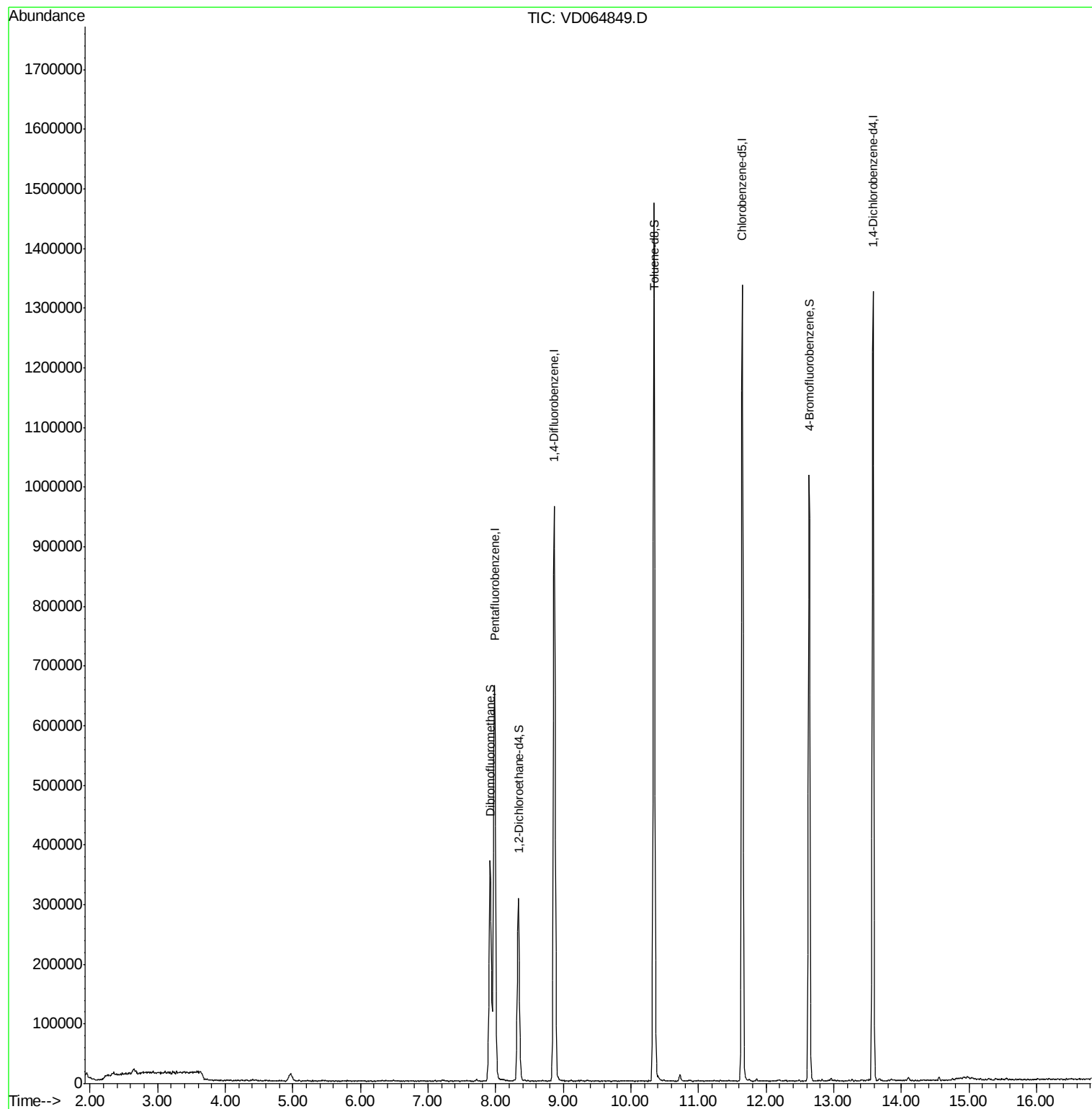
Target Compounds	Qvalue
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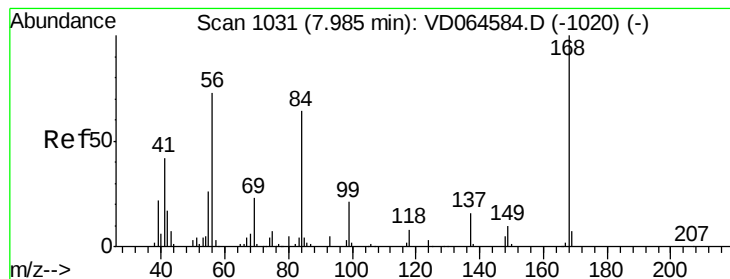
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064849.D

Acq: 13 Jan 2020 15:05

Instrument :

MSVOA_D

ClientSampleId :

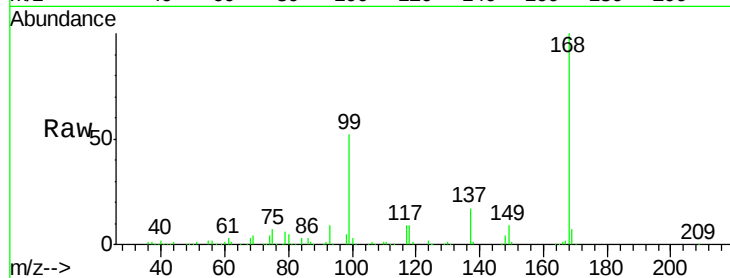
SB-5_13.5-14.0

Tot Ion:168 Resp: 520936

Ion Ratio Lower Upper

168 100

99 52.3 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

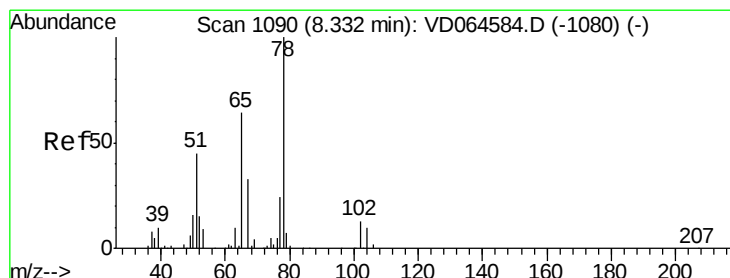
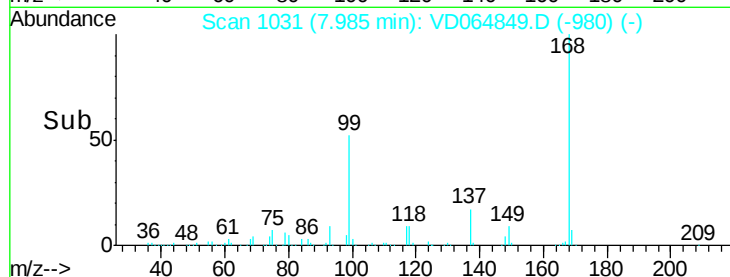
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.635 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064849.D

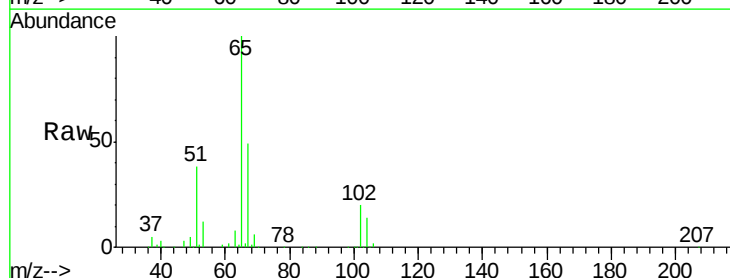
Acq: 13 Jan 2020 15:05

Tgt Ion: 65 Resp: 246377

Ion Ratio Lower Upper

65 100

67 50.4 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

120000

100000

80000

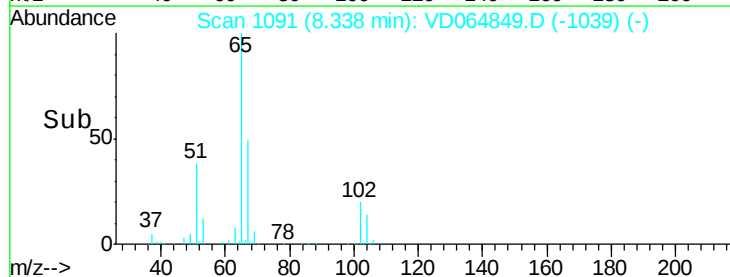
60000

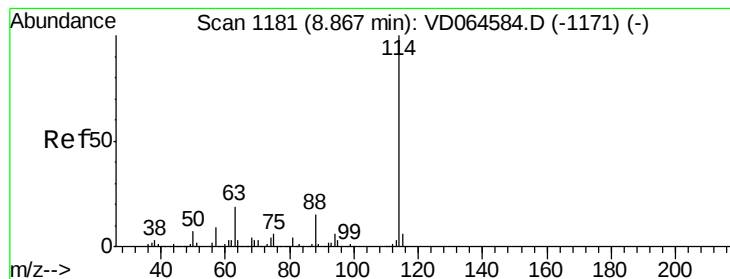
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064849.D

Acq: 13 Jan 2020 15:05

Instrument :

MSVOA_D

ClientSampleId :

SB-5_13.5-14.0

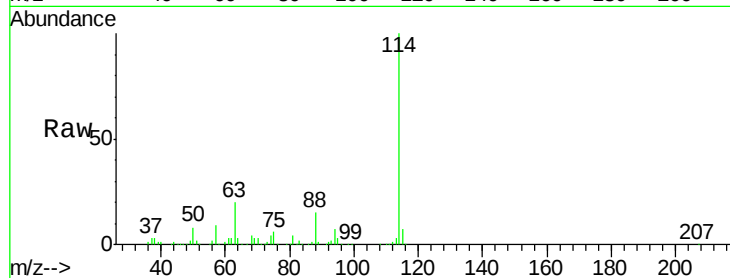
Tot Ion:114 Resp: 809768

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.0

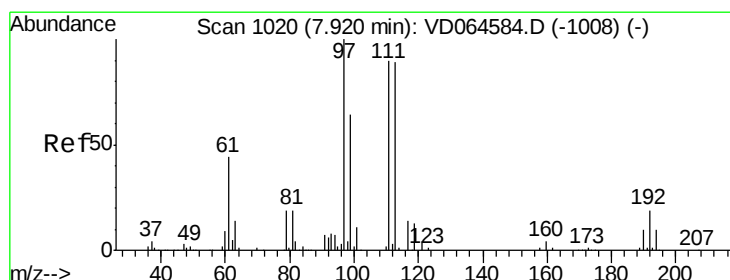
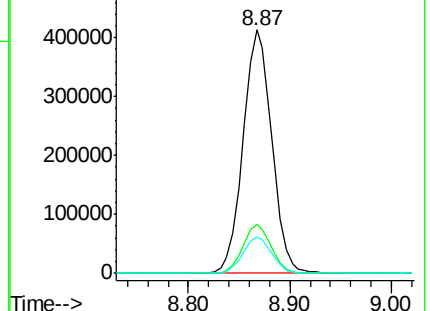
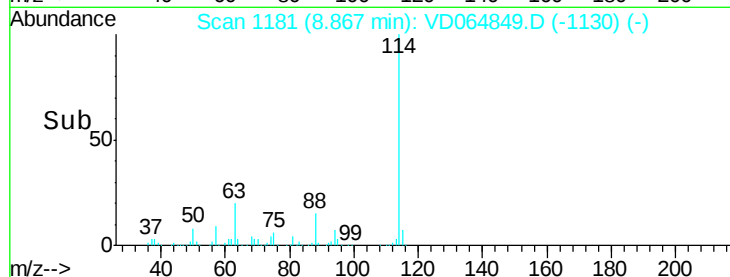
88 14.7 0.0 29.2



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: 50.524 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064849.D

Acq: 13 Jan 2020 15:05

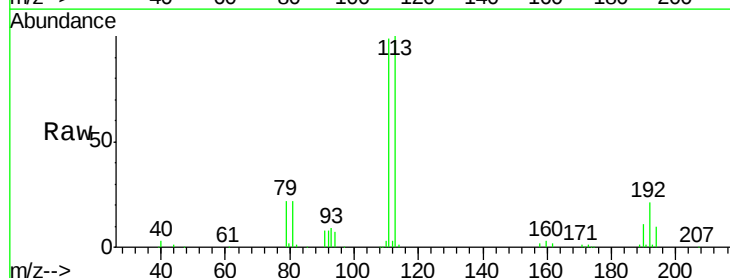
Tgt Ion:113 Resp: 251006

Ion Ratio Lower Upper

113 100

111 101.5 80.6 121.0

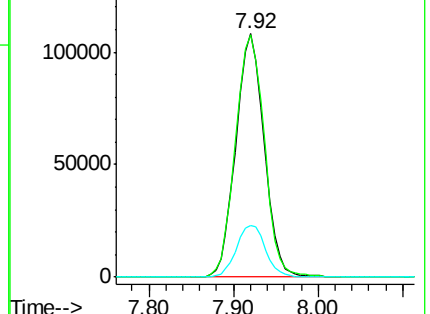
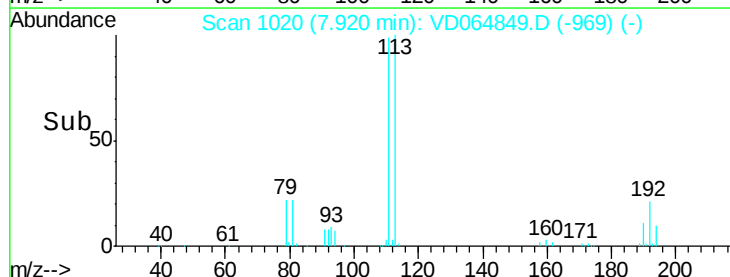
192 21.7 17.9 26.9

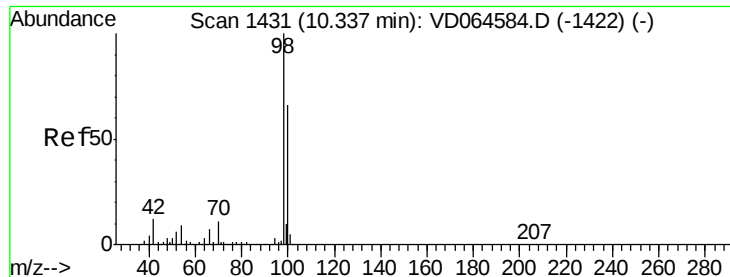


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.160 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064849.D

Acq: 13 Jan 2020 15:05

Instrument :

MSVOA_D

ClientSampleId :

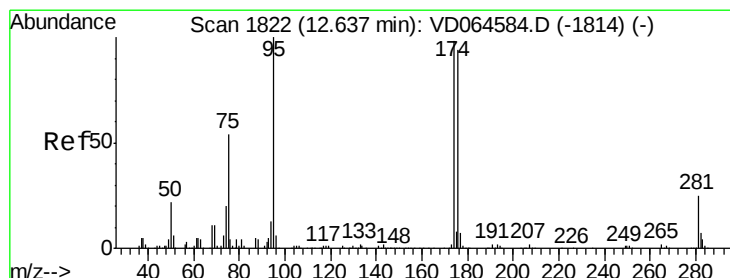
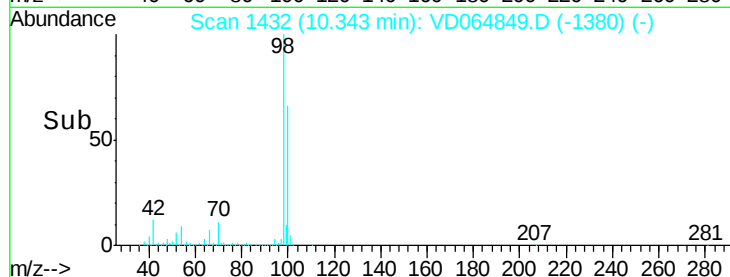
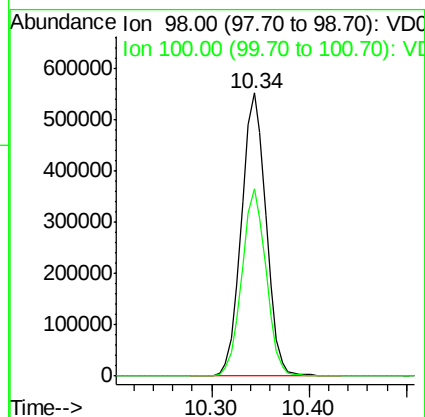
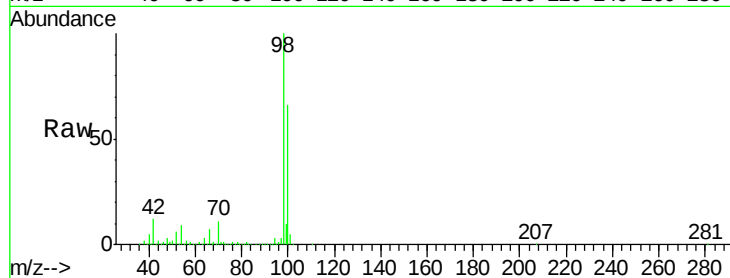
SB-5_13.5-14.0

Tot Ion: 98 Resp: 973429

Ion Ratio Lower Upper

98 100

100 65.1 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 50.593 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064849.D

Acq: 13 Jan 2020 15:05

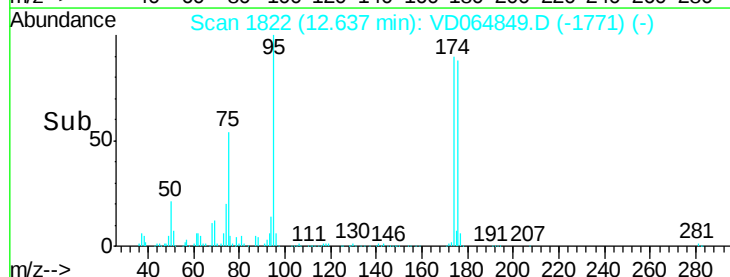
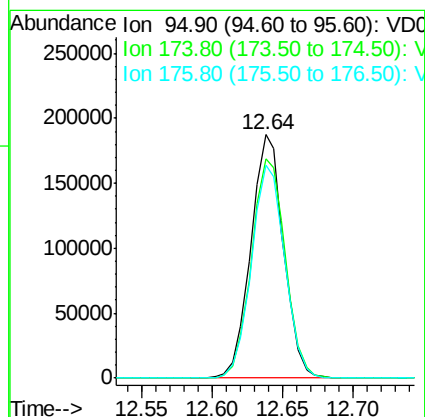
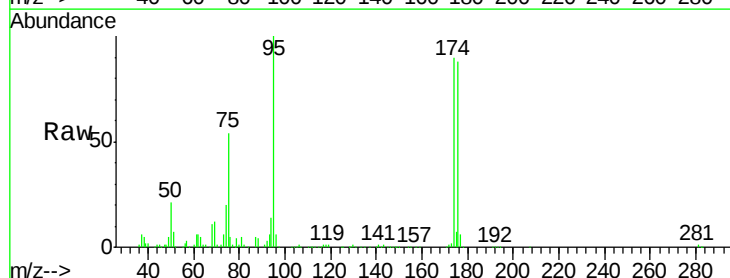
Tgt Ion: 95 Resp: 304399

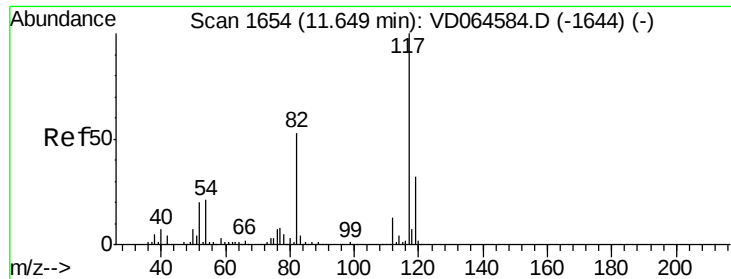
Ion Ratio Lower Upper

95 100

174 93.2 0.0 193.2

176 89.4 0.0 184.2

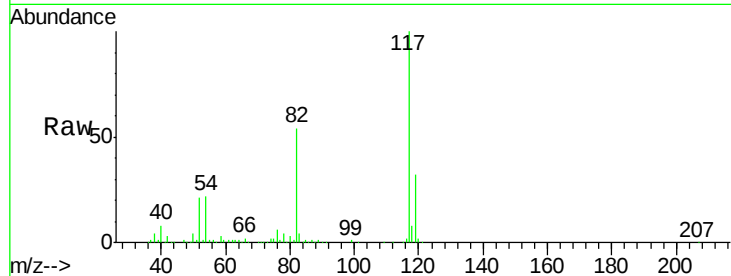




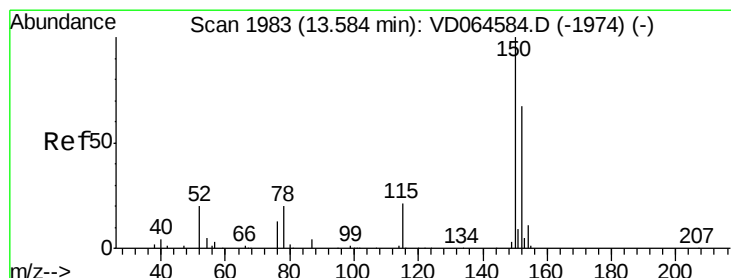
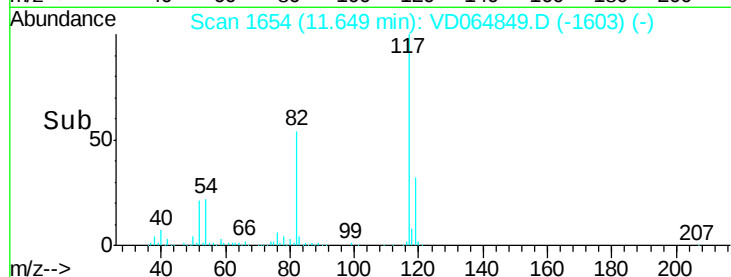
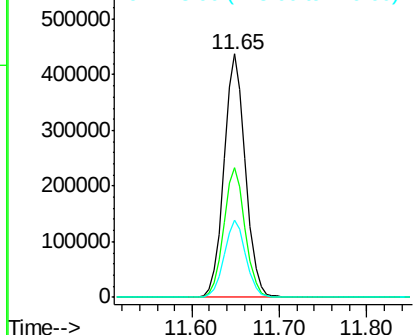
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064849.D
Acq: 13 Jan 2020 15:05

Instrument :
MSVOA_D
ClientSampleId :
SB-5_13.5-14.0

Tot Ion:117 Resp: 734550
Ion Ratio Lower Upper
117 100
82 53.5 42.2 63.4
119 31.9 26.0 39.0

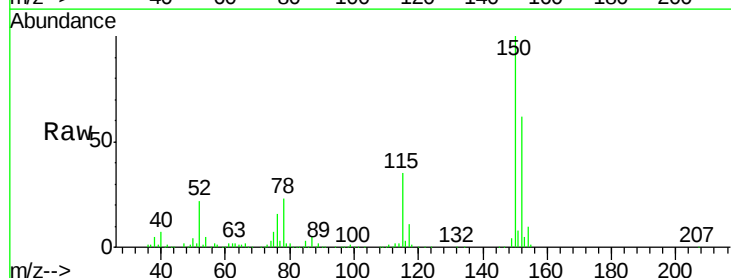


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064849.D
Acq: 13 Jan 2020 15:05

Tgt Ion:152 Resp: 344844
Ion Ratio Lower Upper
152 100
115 54.8 27.8 83.4
150 157.4 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

