

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012220\
 Data File : VD064922.D
 Acq On : 22 Jan 2020 17:35
 Operator : VA/SY
 Sample : L1214-05
 Misc : 4.85G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K500-5

Quant Time: Jan 23 00:08:30 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	524909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	830682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	761720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	344791	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	235134	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	
35) Dibromofluoromethane	7.92	113	252065	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
50) Toluene-d8	10.34	98	1009208	51.71	ug/l	0.00
Spiked Amount			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.64	95	315823	51.17	ug/l	0.00
Spiked Amount			Recovery	=	102.34%	

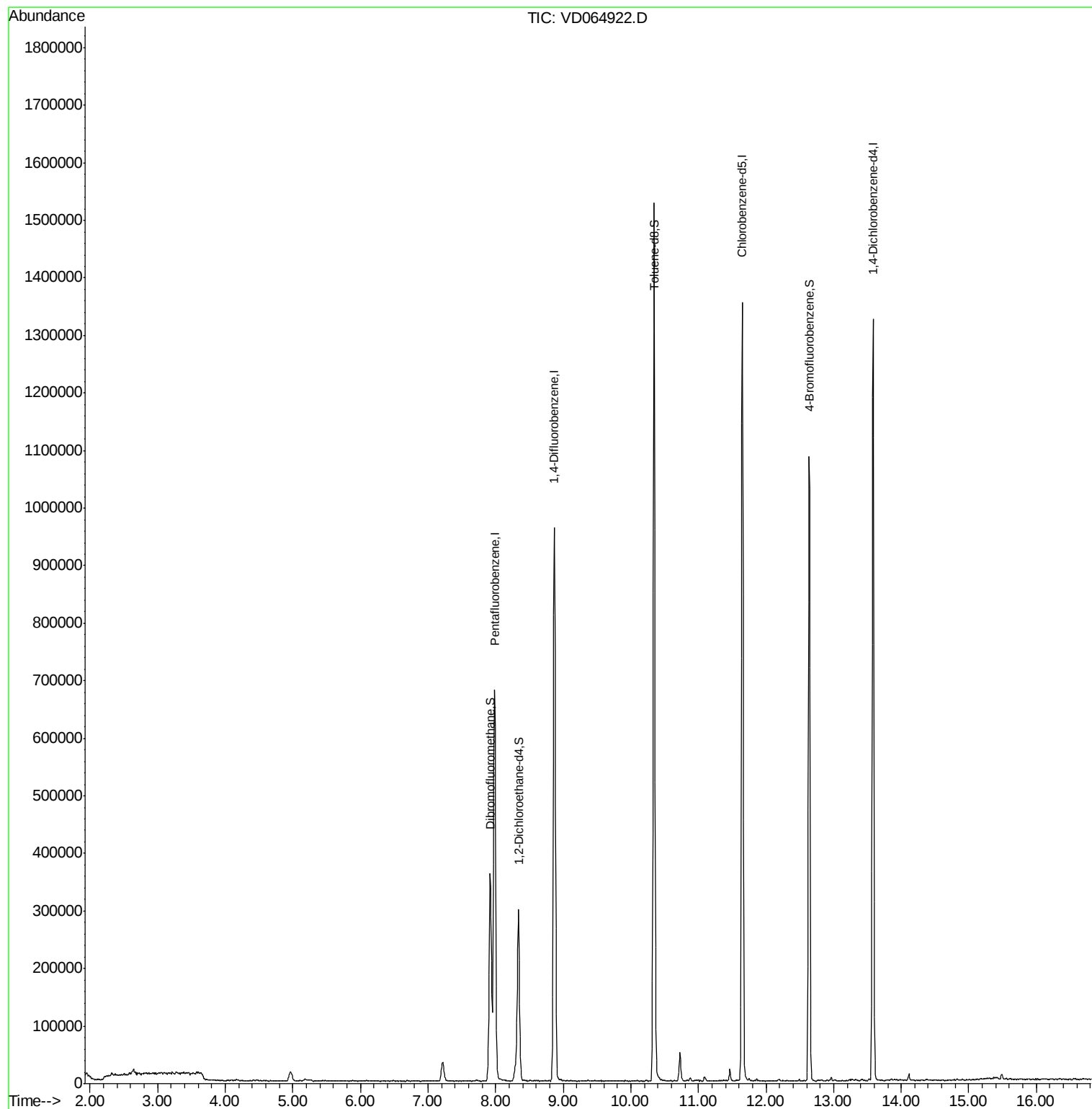
Target Compounds	Qvalue
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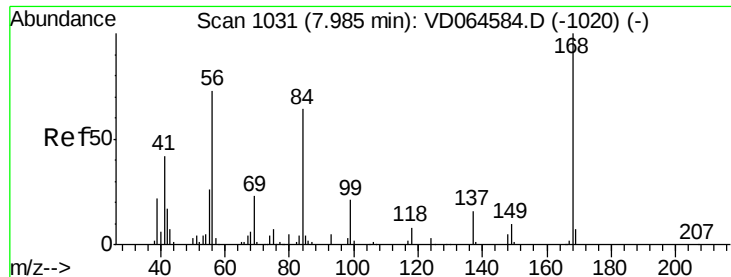
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064922.D

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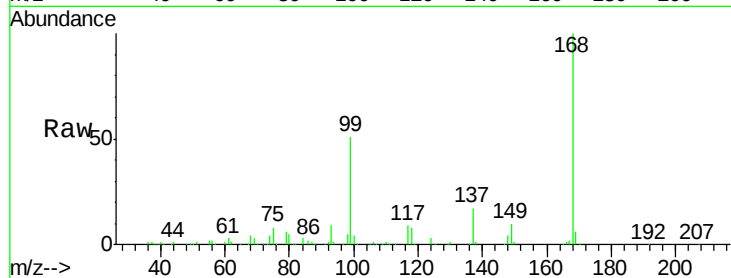
Instrument :
MSVOA_D
ClientSampleId :
K500-5

Tot Ion:168 Resp: 524909

Ion Ratio Lower Upper

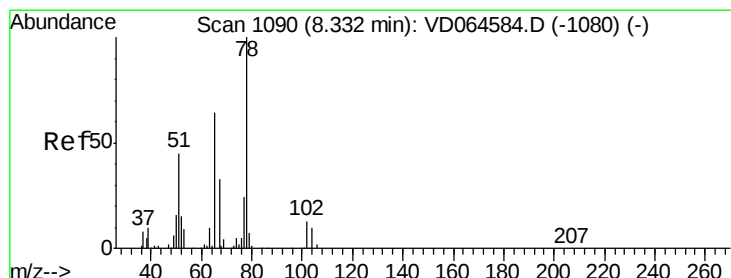
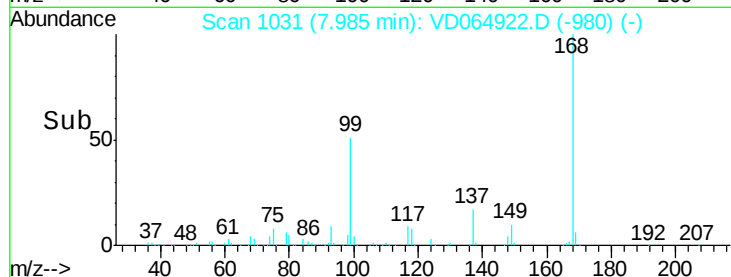
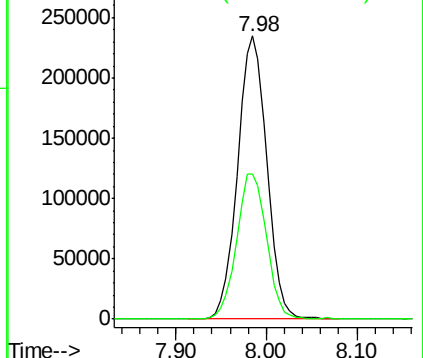
168 100

99 51.1 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 50.800 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064922.D

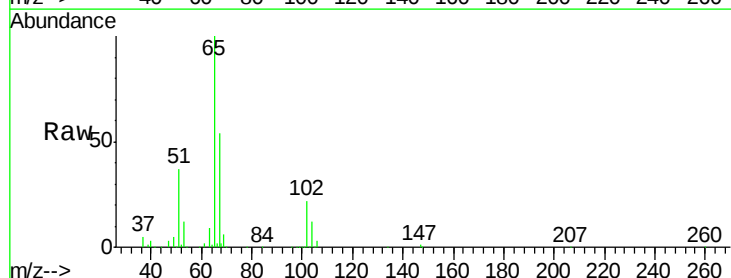
Acq: 22 Jan 2020 17:35

Tgt Ion: 65 Resp: 235134

Ion Ratio Lower Upper

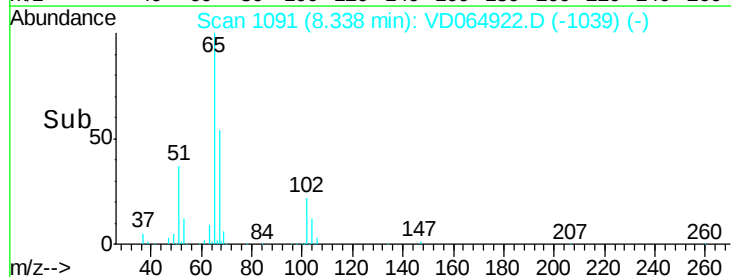
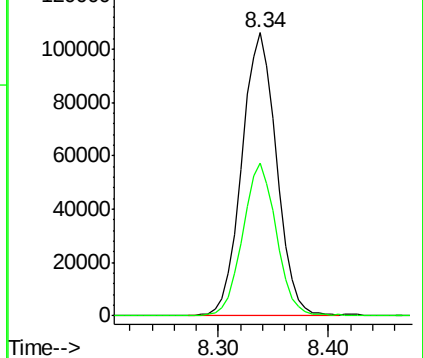
65 100

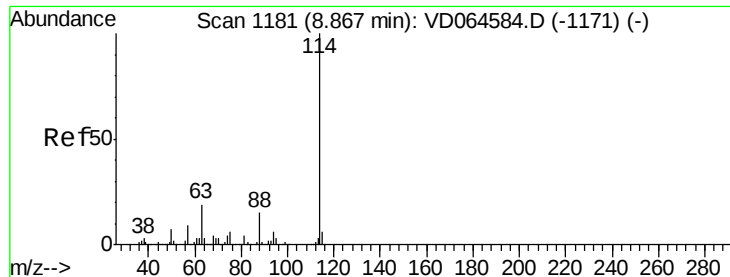
67 52.5 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

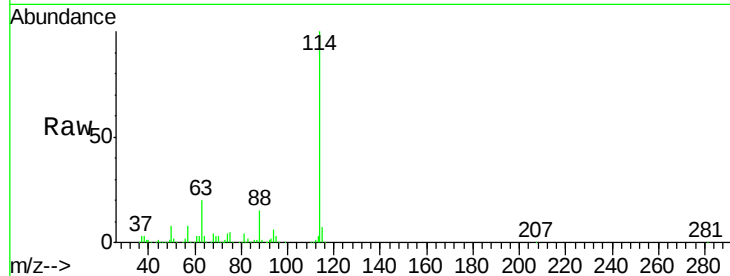




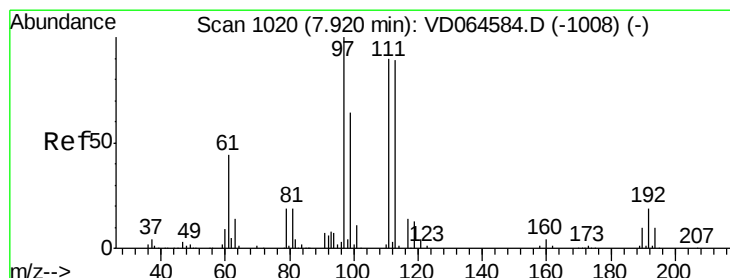
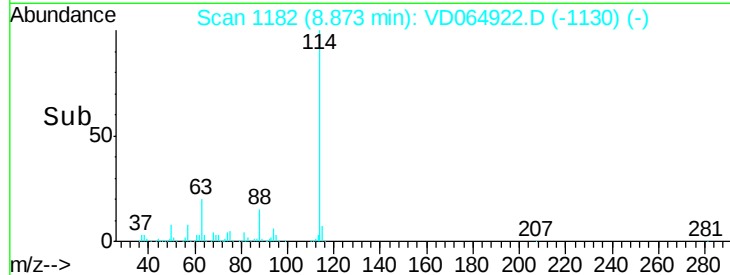
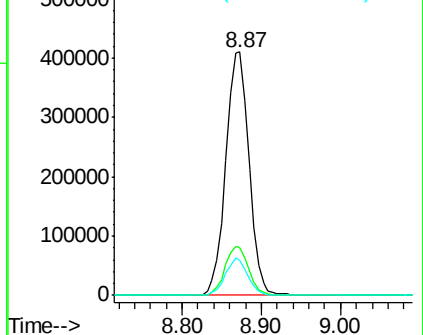
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VD064922.D
Acq: 22 Jan 2020 17:35

Instrument :
MSVOA_D
ClientSampled :
K500-5

Tot Ion:114 Resp: 830682
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.0
88 14.6 0.0 29.2

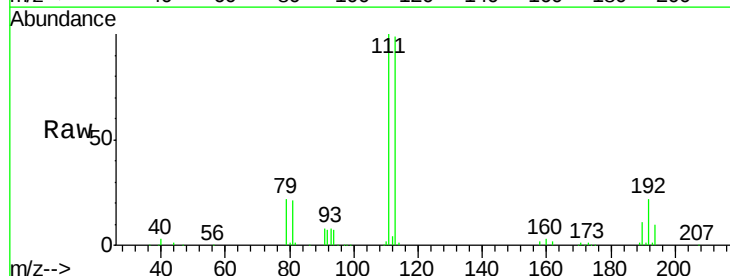


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

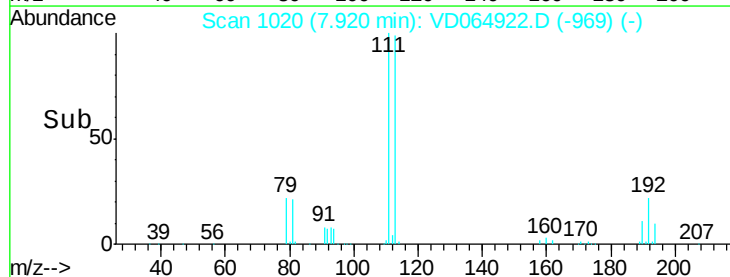
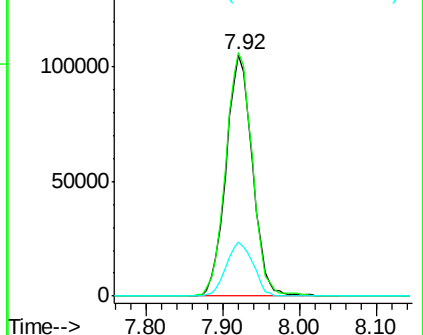


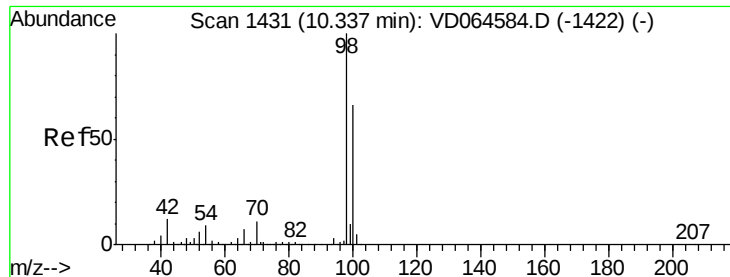
#35
Dibromofluoromethane
Concen: 49.460 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064922.D
Acq: 22 Jan 2020 17:35

Tgt Ion:113 Resp: 252065
Ion Ratio Lower Upper
113 100
111 101.9 80.6 121.0
192 22.7 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: 51.705 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064922.D

Acq: 22 Jan 2020 17:35

Instrument :

MSVOA_D

ClientSampleId :

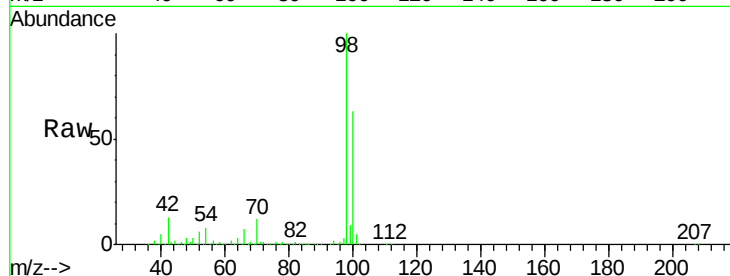
K500-5

Tot Ion: 98 Resp: 1009208

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

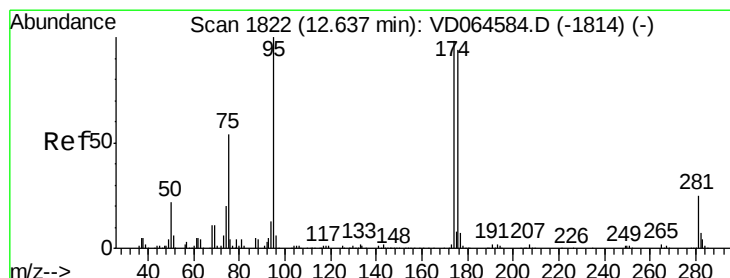
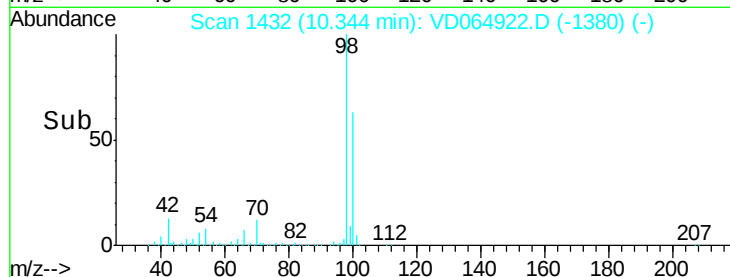
600000

400000

200000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 51.170 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064922.D

Acq: 22 Jan 2020 17:35

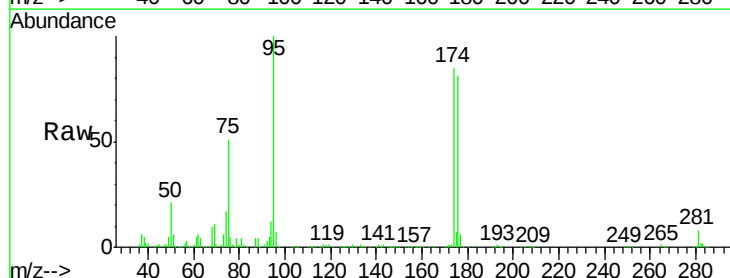
Tgt Ion: 95 Resp: 315823

Ion Ratio Lower Upper

95 100

174 92.0 0.0 193.2

176 88.0 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

250000

200000

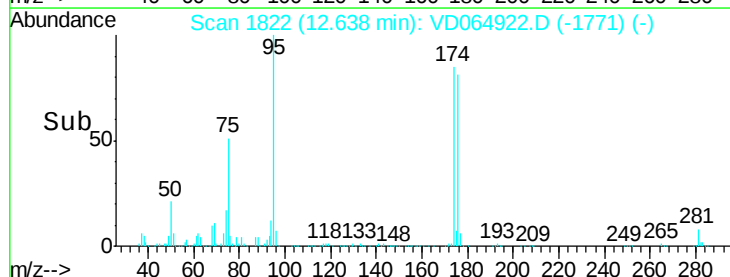
150000

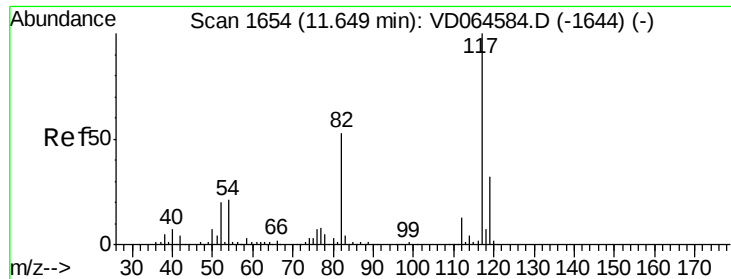
100000

50000

0

Time--> 12.60 12.70

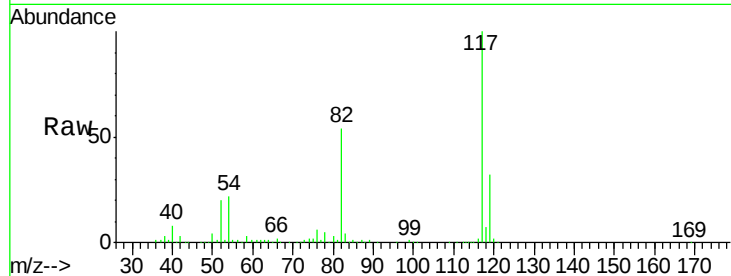




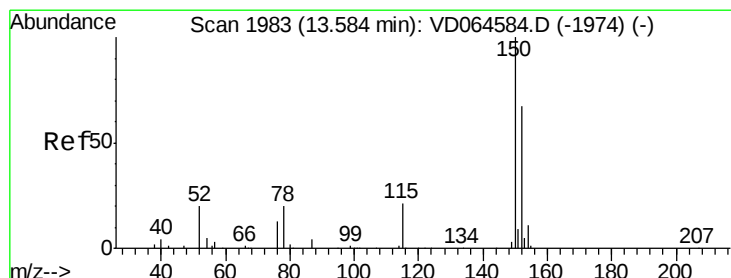
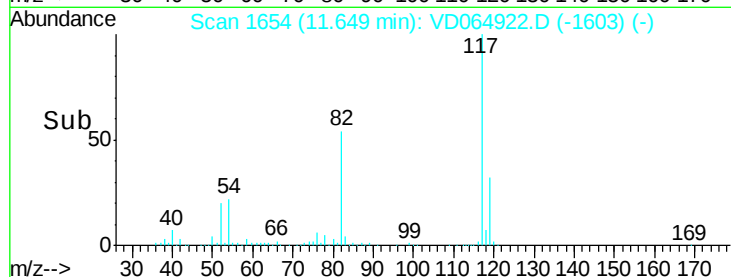
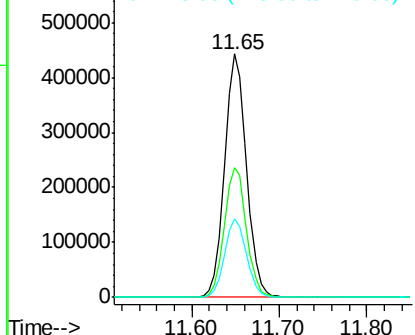
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064922.D
Acq: 22 Jan 2020 17:35

Instrument :
MSVOA_D
ClientSampleId :
K500-5

Tot Ion:117 Resp: 761720
Ion Ratio Lower Upper
117 100
82 53.5 42.2 63.4
119 32.1 26.0 39.0

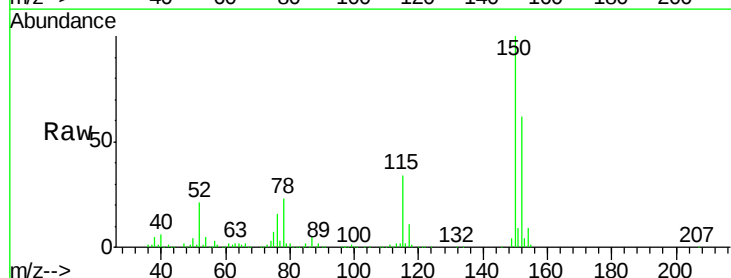


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064922.D
Acq: 22 Jan 2020 17:35

Tgt Ion:152 Resp: 344791
Ion Ratio Lower Upper
152 100
115 55.4 27.8 83.4
150 159.8 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

