

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102319\
 Data File : VD064021.D
 Acq On : 23 Oct 2019 15:22
 Operator : VA/SY
 Sample : K5497-02
 Misc : 7.68G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 170-48-(1)

Quant Time: Oct 24 06:42:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	68095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	124830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	131495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	66949	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	51239	77.29	ug/l	0.00
Spiked Amount			Recovery	=	154.58%	
35) Dibromofluoromethane	7.92	113	44135	57.85	ug/l	0.00
Spiked Amount			Recovery	=	115.70%	
50) Toluene-d8	10.34	98	163886	52.93	ug/l	0.00
Spiked Amount			Recovery	=	105.86%	
62) 4-Bromofluorobenzene	12.64	95	54302	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	

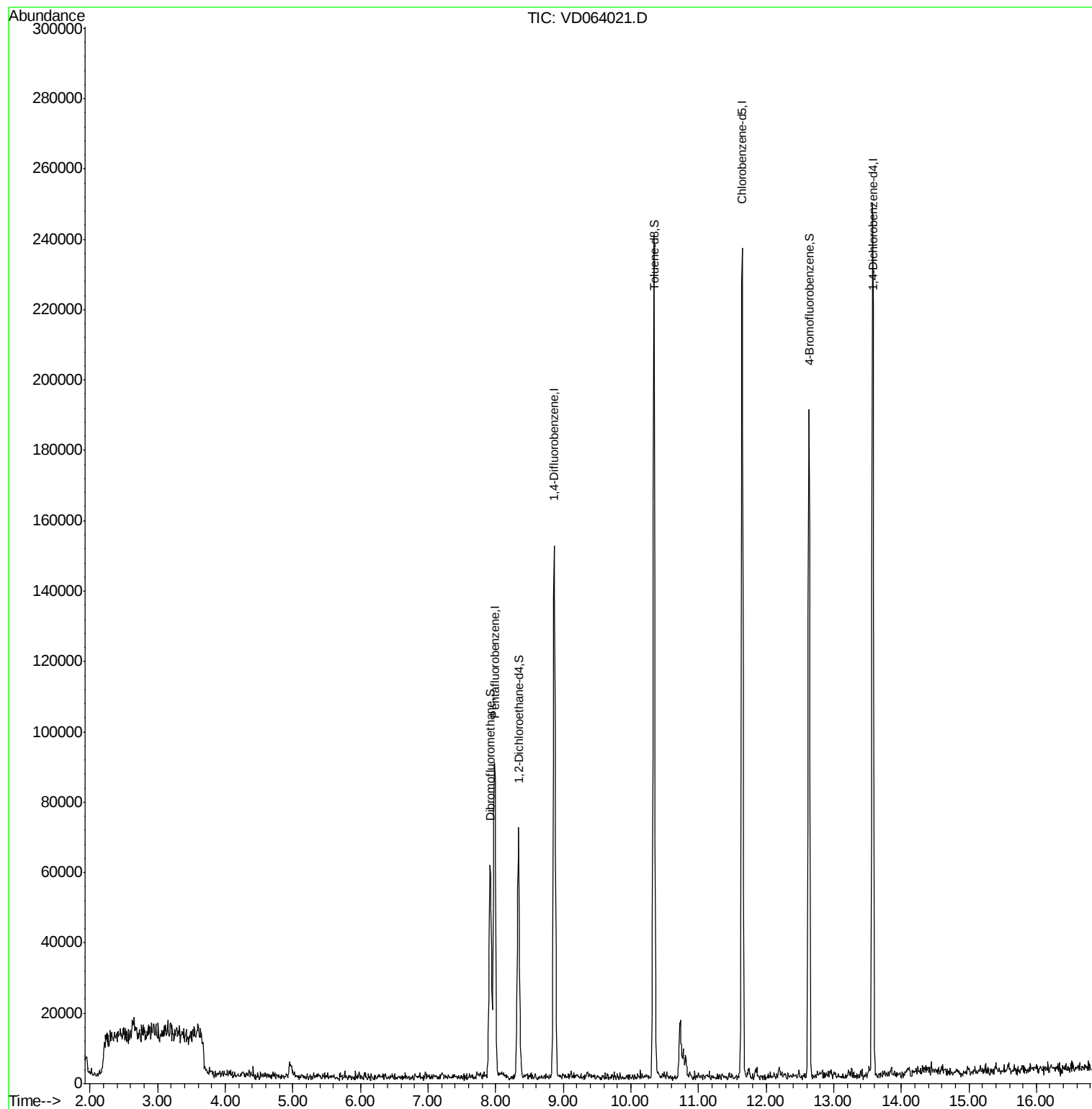
Target Compounds	Qvalue
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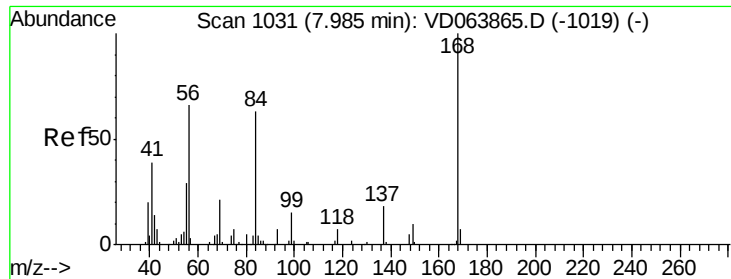
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064021.D

Acq: 23 Oct 2019 15:22

Instrument :

MSVOA_D

ClientSampleId :

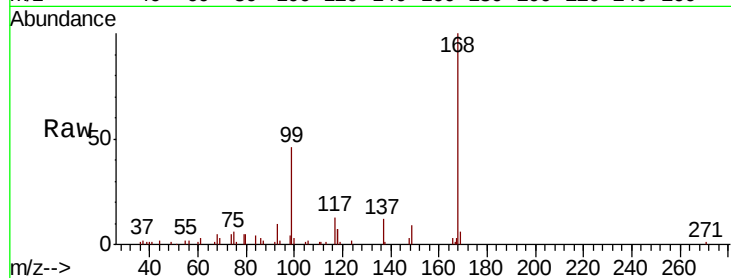
170-48-(1)

Tot Ion:168 Resp: 68095

Ion Ratio Lower Upper

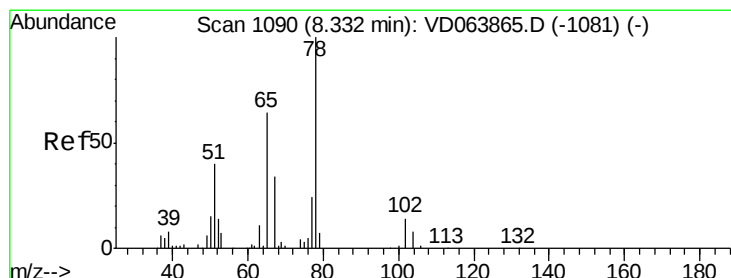
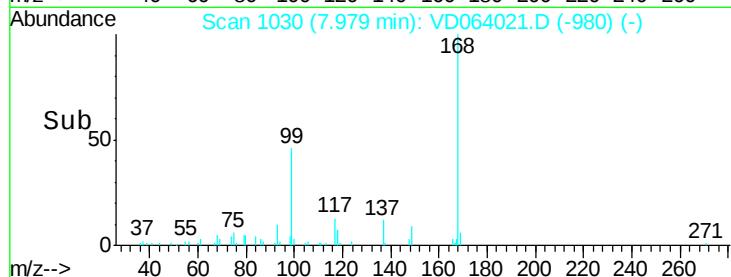
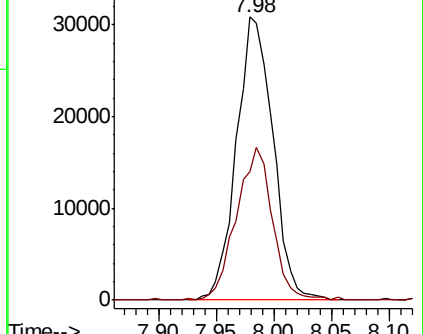
168 100

99 45.0 43.0 64.4



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: 77.289 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064021.D

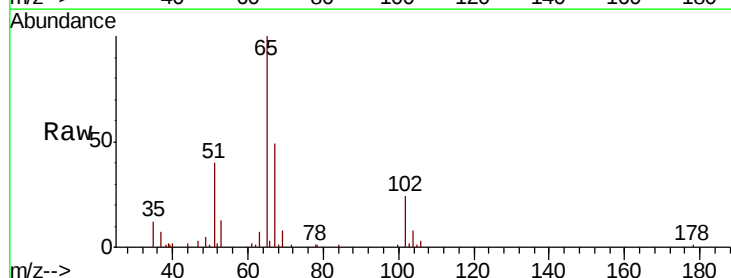
Acq: 23 Oct 2019 15:22

Tgt Ion: 65 Resp: 51239

Ion Ratio Lower Upper

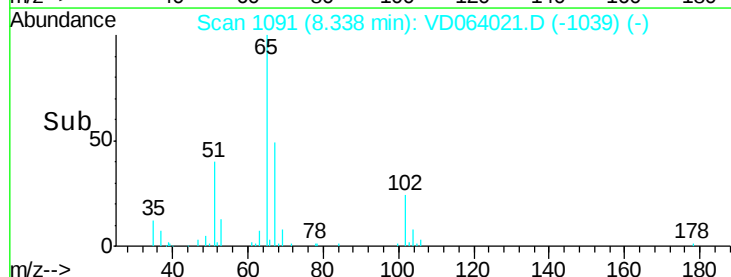
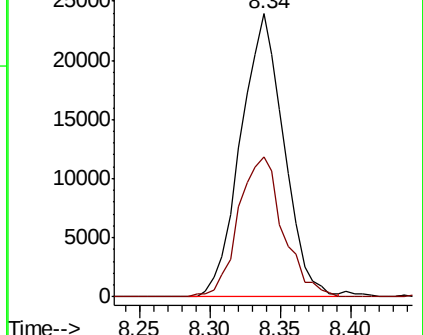
65 100

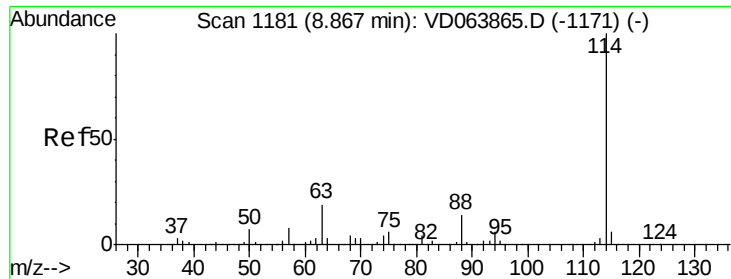
67 51.4 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

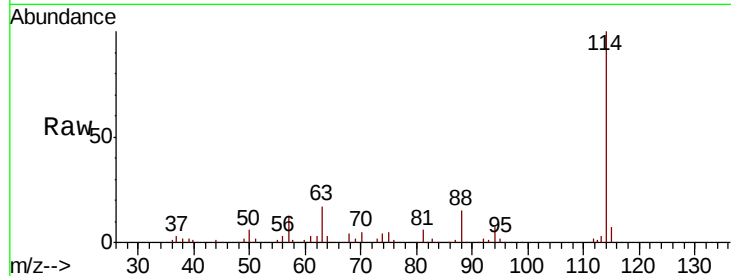




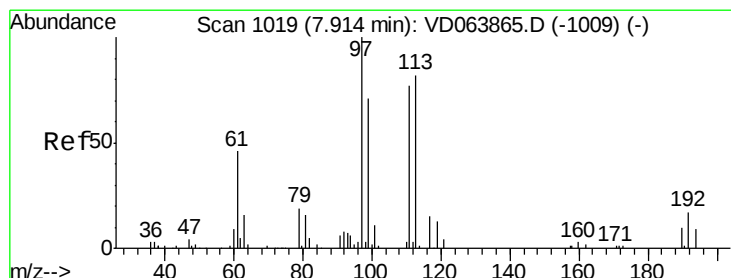
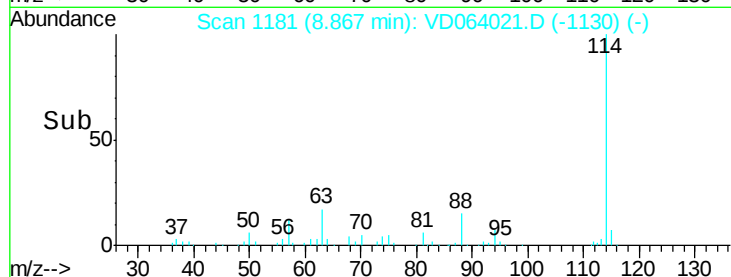
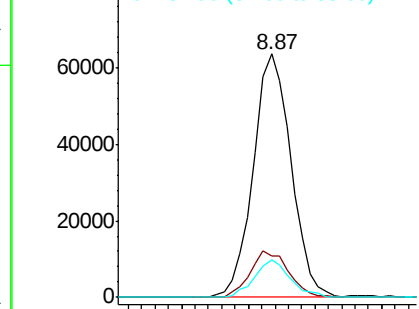
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064021.D
Acq: 23 Oct 2019 15:22

Instrument :
MSVOA_D
ClientSampleId :
170-48-(1)

Tot Ion:114 Resp: 124830
Ion Ratio Lower Upper
114 100
63 17.0 0.0 38.4
88 15.5 0.0 27.4

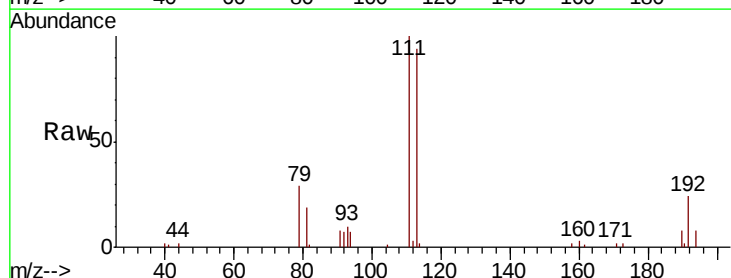


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

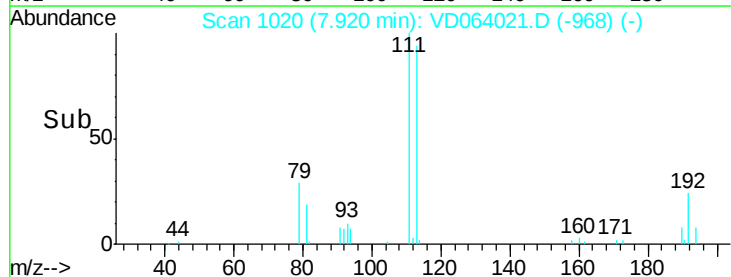
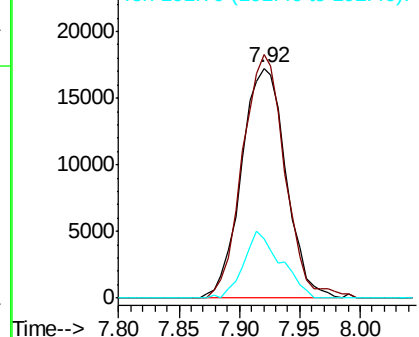


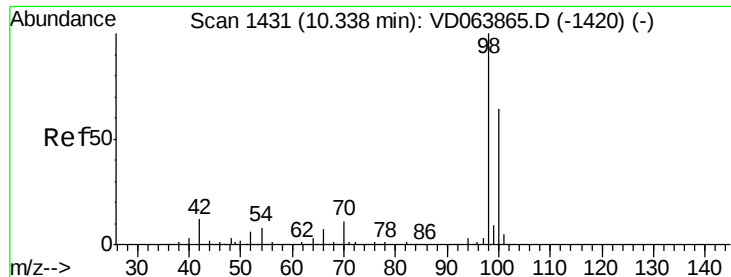
#35
Dibromofluoromethane
Concen: 57.854 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD064021.D
Acq: 23 Oct 2019 15:22

Tgt Ion:113 Resp: 44135
Ion Ratio Lower Upper
113 100
111 101.2 82.6 123.8
192 24.2 17.1 25.7



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: 52.928 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064021.D

Acq: 23 Oct 2019 15:22

Instrument :

MSVOA_D

ClientSampleId :

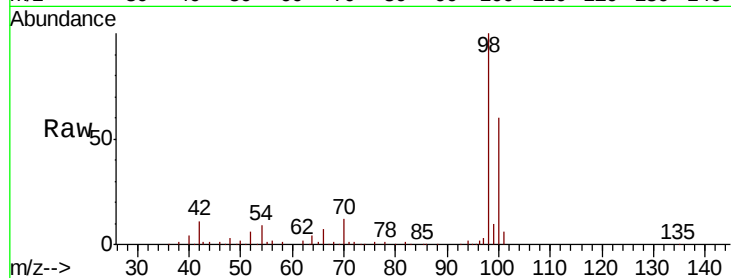
170-48-(1)

Tot Ion: 98 Resp: 163886

Ion Ratio Lower Upper

98 100

100 63.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

80000

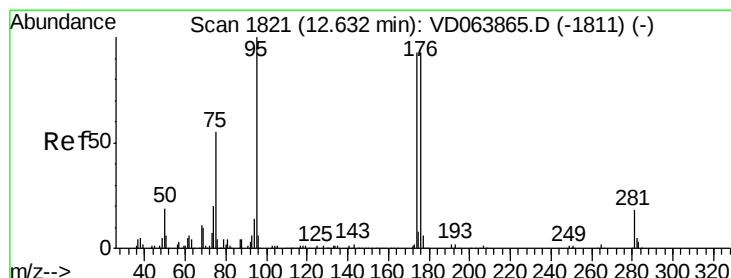
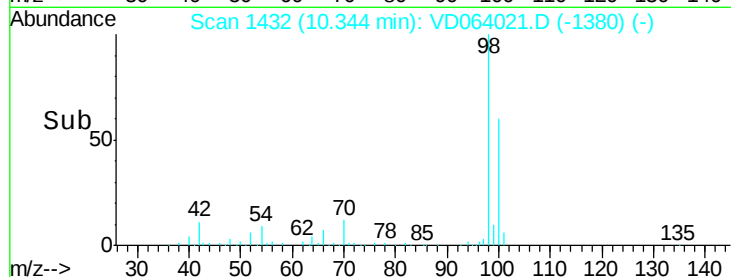
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.467 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD064021.D

Acq: 23 Oct 2019 15:22

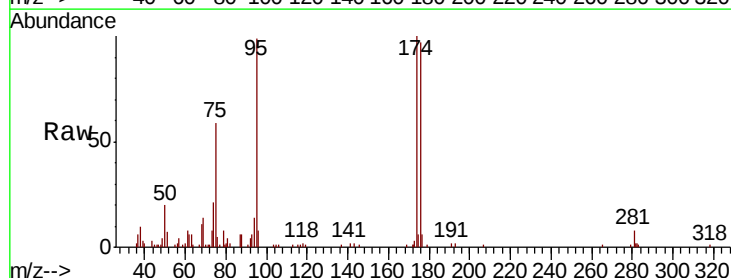
Tgt Ion: 95 Resp: 54302

Ion Ratio Lower Upper

95 100

174 96.9 0.0 186.4

176 91.7 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

40000

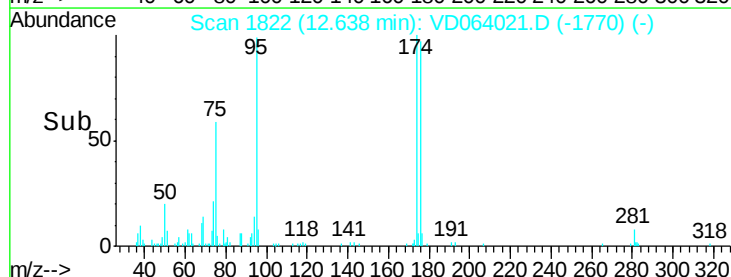
30000

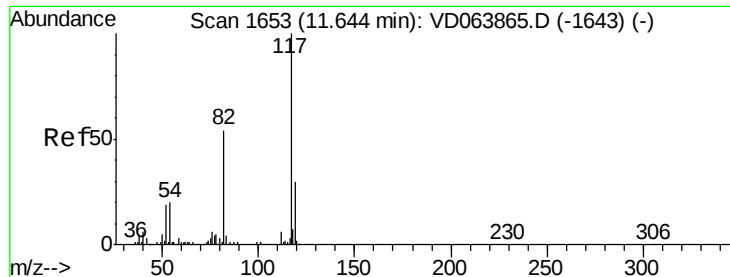
20000

10000

0

Time-->

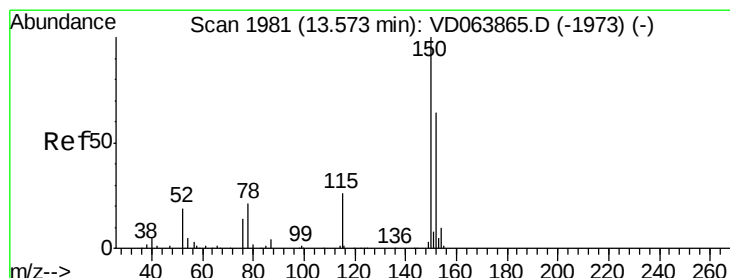
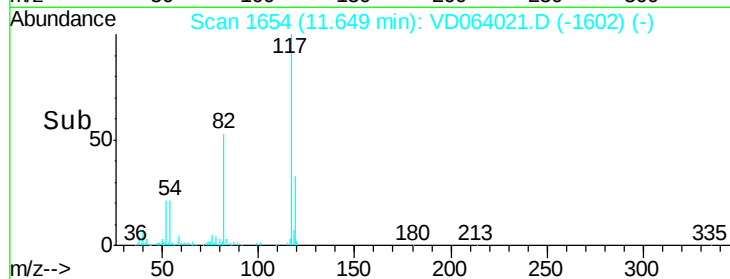
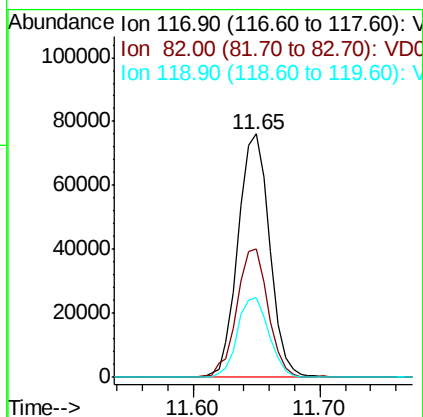
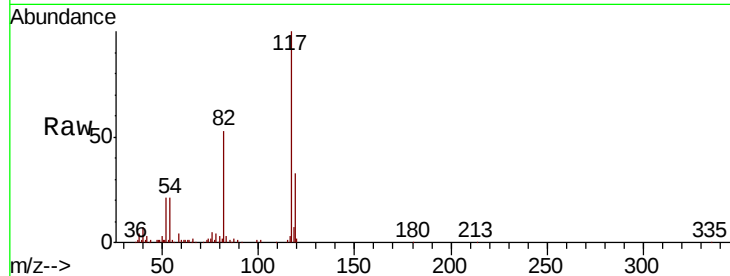




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064021.D
Acq: 23 Oct 2019 15:22

Instrument :
MSVOA_D
ClientSampleId :
170-48-(1)

Tot Ion:117 Resp: 131495
Ion Ratio Lower Upper
117 100
82 52.7 42.8 64.2
119 32.6 24.4 36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD064021.D
Acq: 23 Oct 2019 15:22

Tgt Ion:152 Resp: 66949
Ion Ratio Lower Upper
152 100
115 54.5 25.9 77.7
150 151.5 0.0 344.2

