

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD013120\
 Data File : VD065029.D
 Acq On : 31 Jan 2020 12:58
 Operator : VA/SY
 Sample : L1325-03
 Misc : 5.44G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 200029

Quant Time: Jan 31 14:10:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	520658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	827298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	798044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	377473	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	249310	49.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.84%	
35) Dibromofluoromethane	7.92	113	254111	48.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.76%	
50) Toluene-d8	10.34	98	1007160	50.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.64	95	335062	54.57	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.14%	

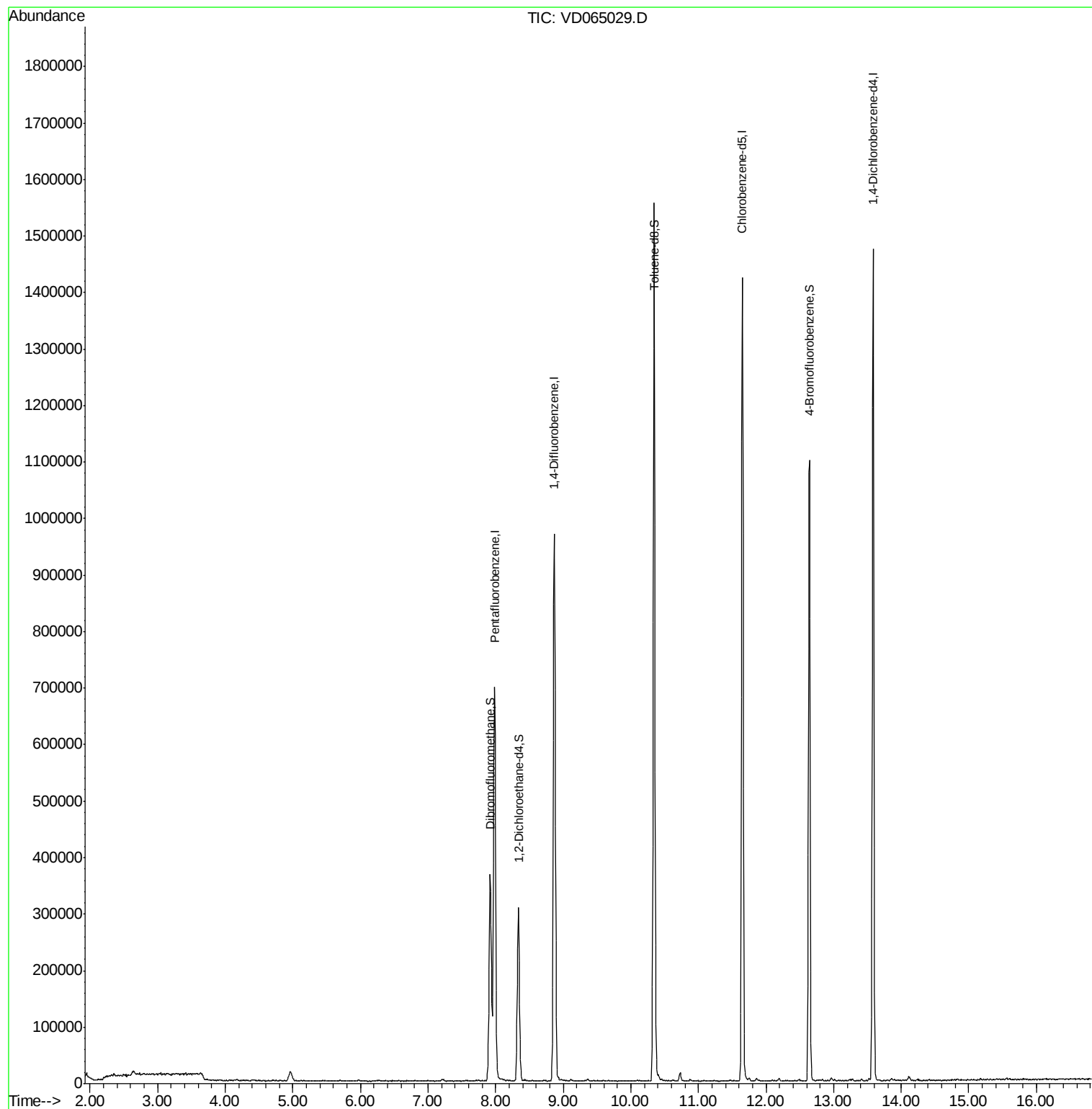
Target Compounds	Qvalue

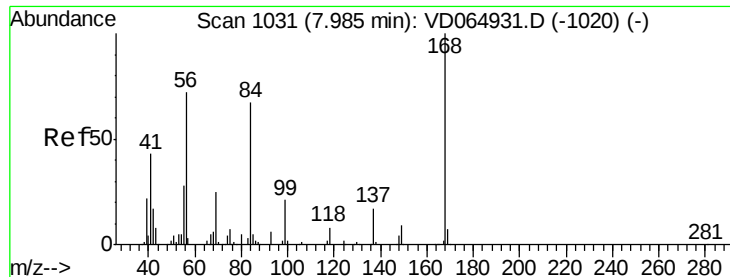
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065029.D

Acq: 31 Jan 2020 12:58

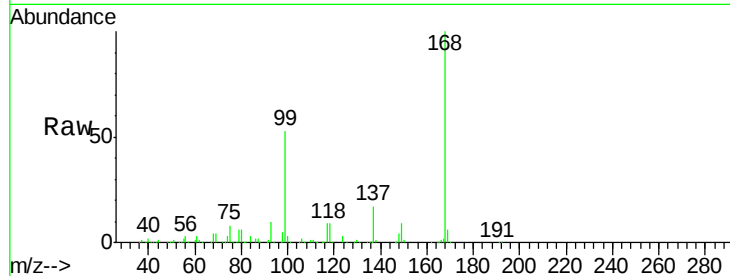
Instrument :
MSVOA_D
ClientSampleId :
200029

Tot Ion:168 Resp: 520658

Ion Ratio Lower Upper

168 100

99 53.4 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

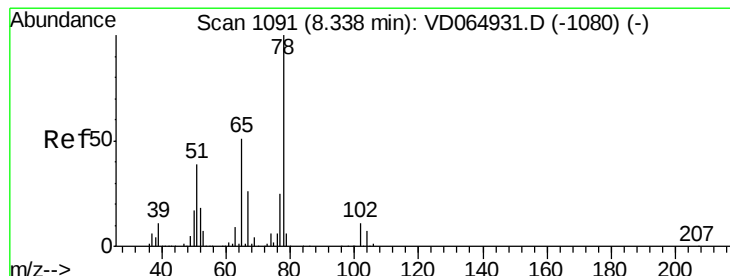
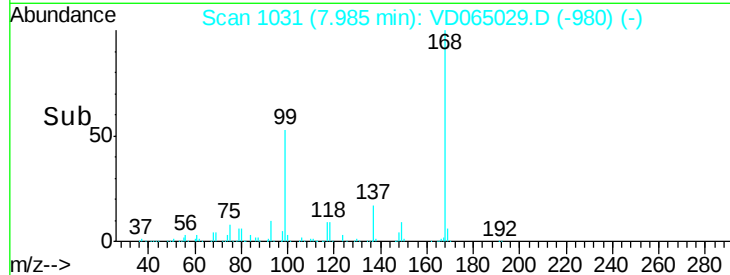
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.920 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065029.D

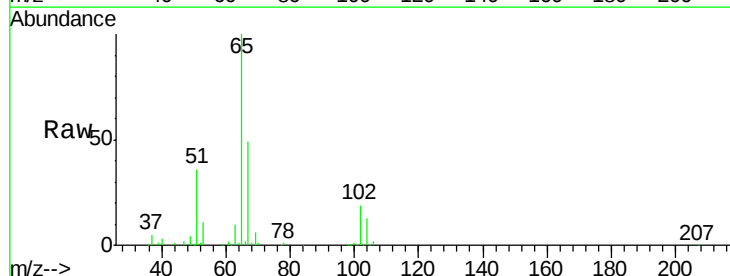
Acq: 31 Jan 2020 12:58

Tgt Ion: 65 Resp: 249310

Ion Ratio Lower Upper

65 100

67 50.0 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

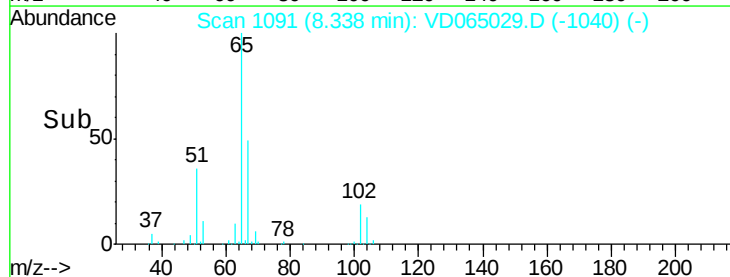
8.34

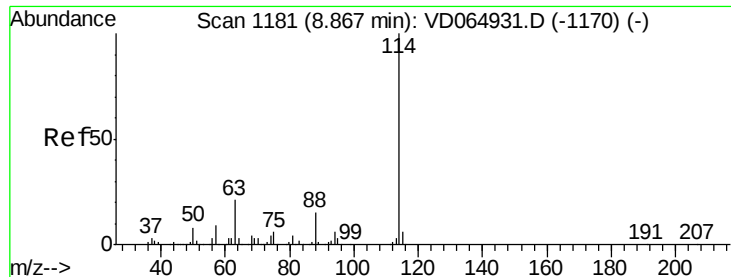
100000

50000

0

Time-->

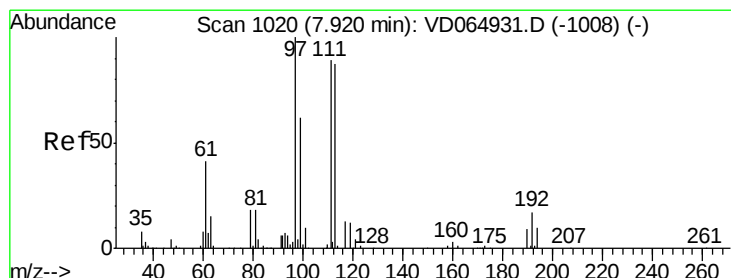
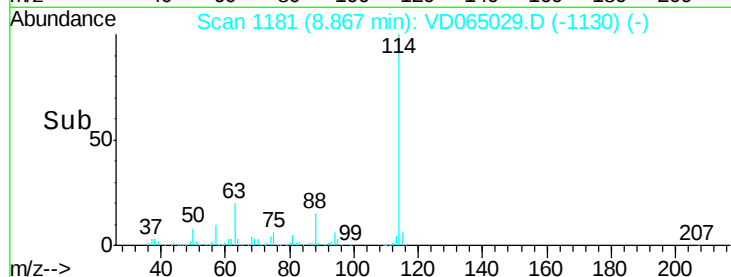
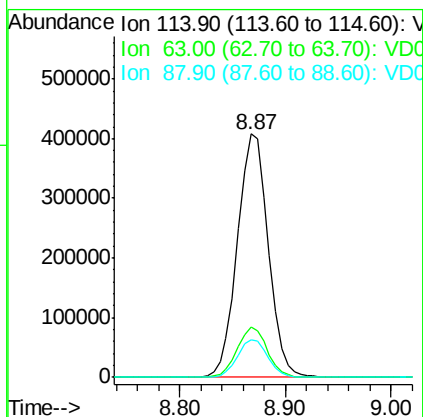
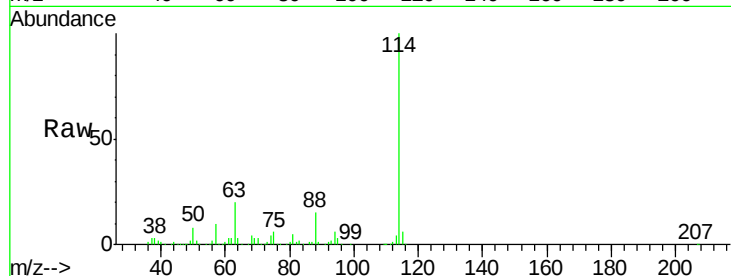




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065029.D
 Acq: 31 Jan 2020 12:58

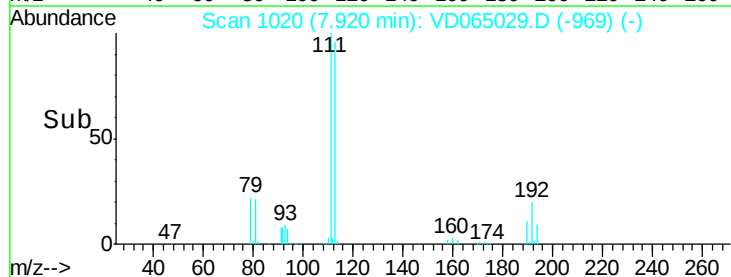
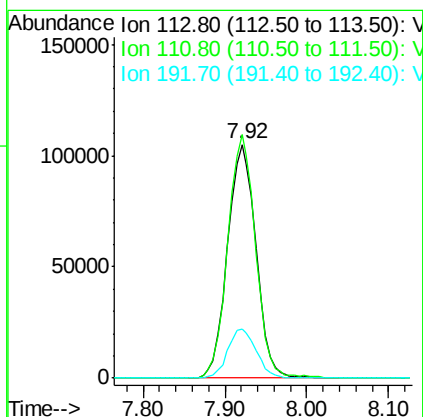
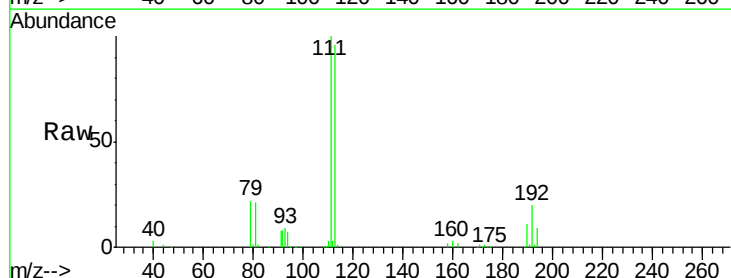
Instrument :
 MSVOA_D
 ClientSampleId :
 200029

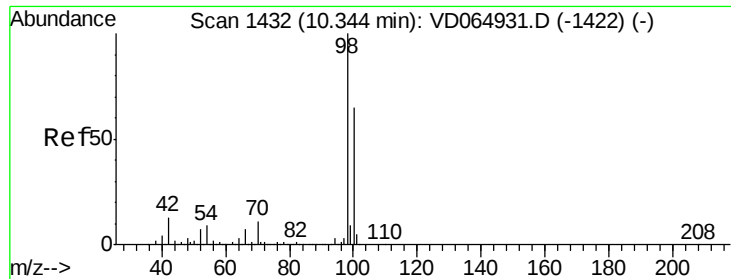
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.0
88	15.4	0.0	29.4



#35
 Dibromofluoromethane
 Concen: 48.878 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065029.D
 Acq: 31 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.4	123.6
192	21.3	16.9	25.3





#50

Toluene-d8

Concen: 50.193 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065029.D

Acq: 31 Jan 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

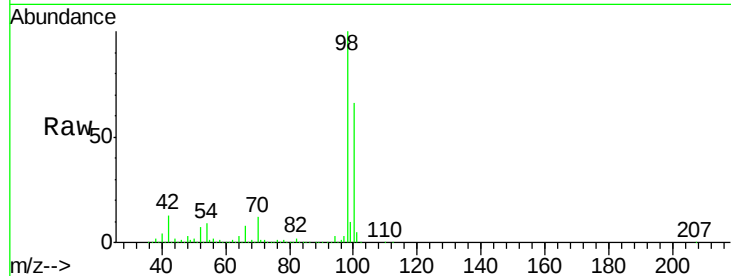
200029

Tot Ion: 98 Resp: 1007160

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

600000

400000

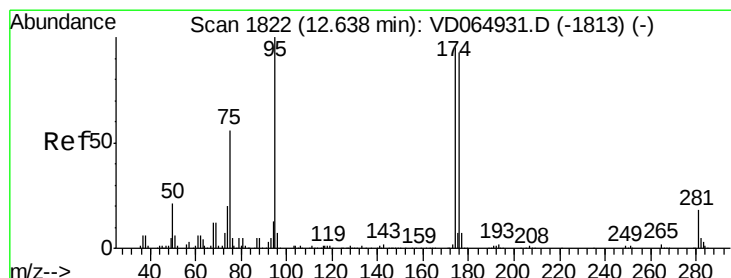
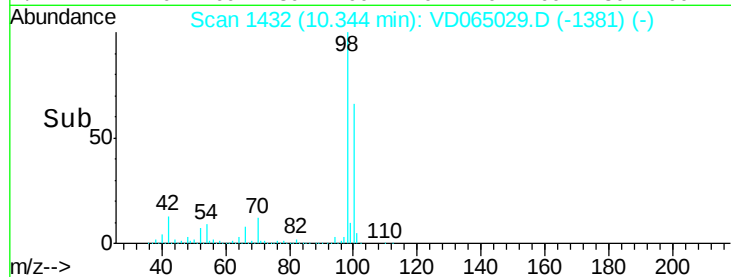
200000

0

10.34

10.30 10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 54.566 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065029.D

Acq: 31 Jan 2020 12:58

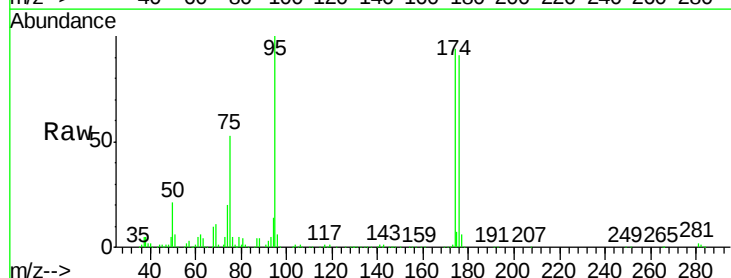
Tgt Ion: 95 Resp: 335062

Ion Ratio Lower Upper

95 100

174 91.2 0.0 186.8

176 87.6 0.0 183.4



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

250000

200000

150000

100000

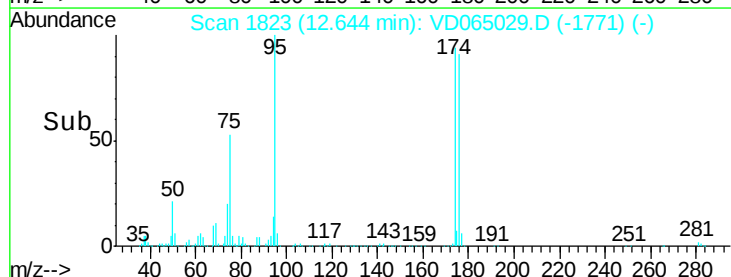
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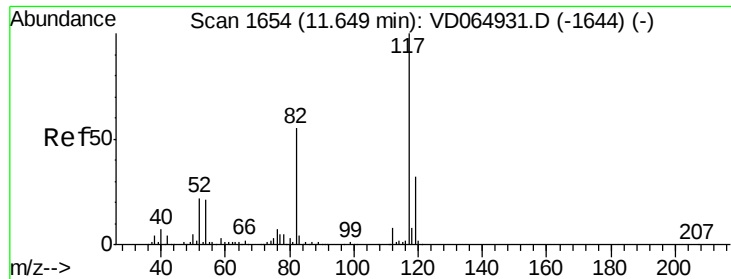
0

12.64

12.60 12.70

Time-->

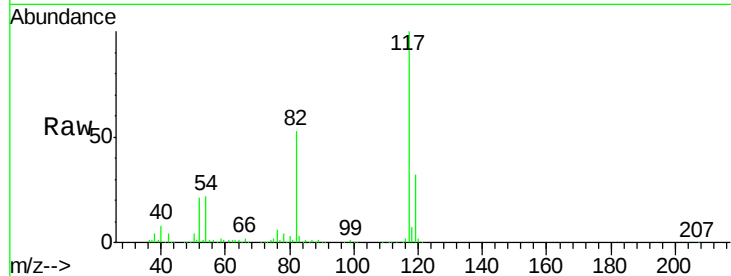




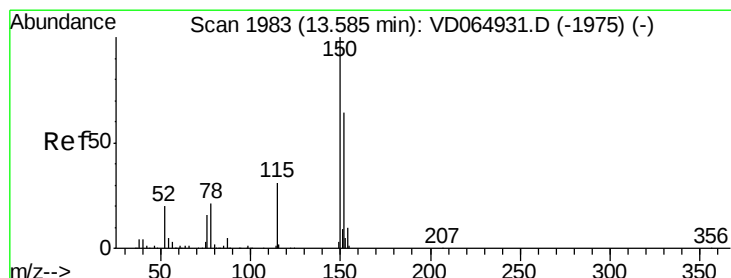
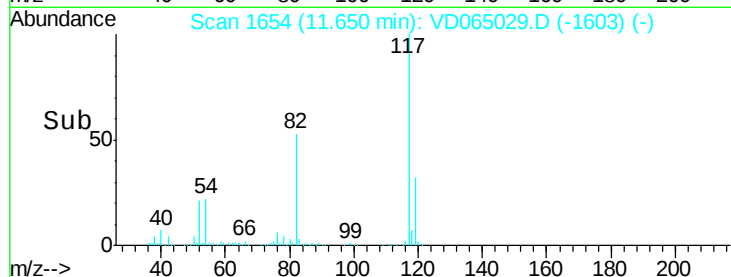
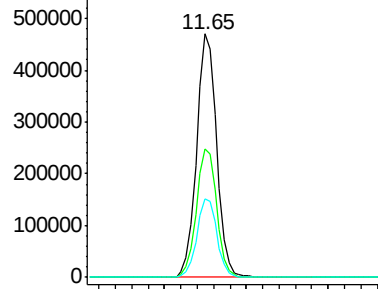
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065029.D
Acq: 31 Jan 2020 12:58

Instrument :
MSVOA_D
ClientSampleId :
200029

Tot Ion:117 Resp: 798044
Ion Ratio Lower Upper
117 100
82 52.7 43.6 65.4
119 32.2 25.2 37.8

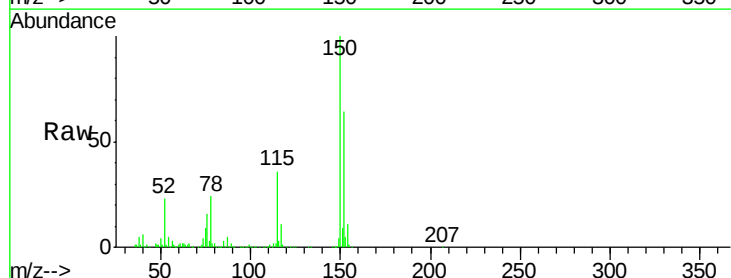


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065029.D
Acq: 31 Jan 2020 12:58

Tgt Ion:152 Resp: 377473
Ion Ratio Lower Upper
152 100
115 55.7 28.1 84.4
150 157.0 0.0 350.4



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

