

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
 Data File : VD066028.D
 Acq On : 23 Jul 2020 16:57
 Operator : VA/SY
 Sample : L3381-16
 Misc : 7.47G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 365-GRID-B6-B8

Quant Time: Jul 24 04:21:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	318247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	501799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	535943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	272000	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	133695	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
35) Dibromofluoromethane	7.91	113	153605	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.34	98	620396	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
62) 4-Bromofluorobenzene	12.64	95	243097	61.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.68%	

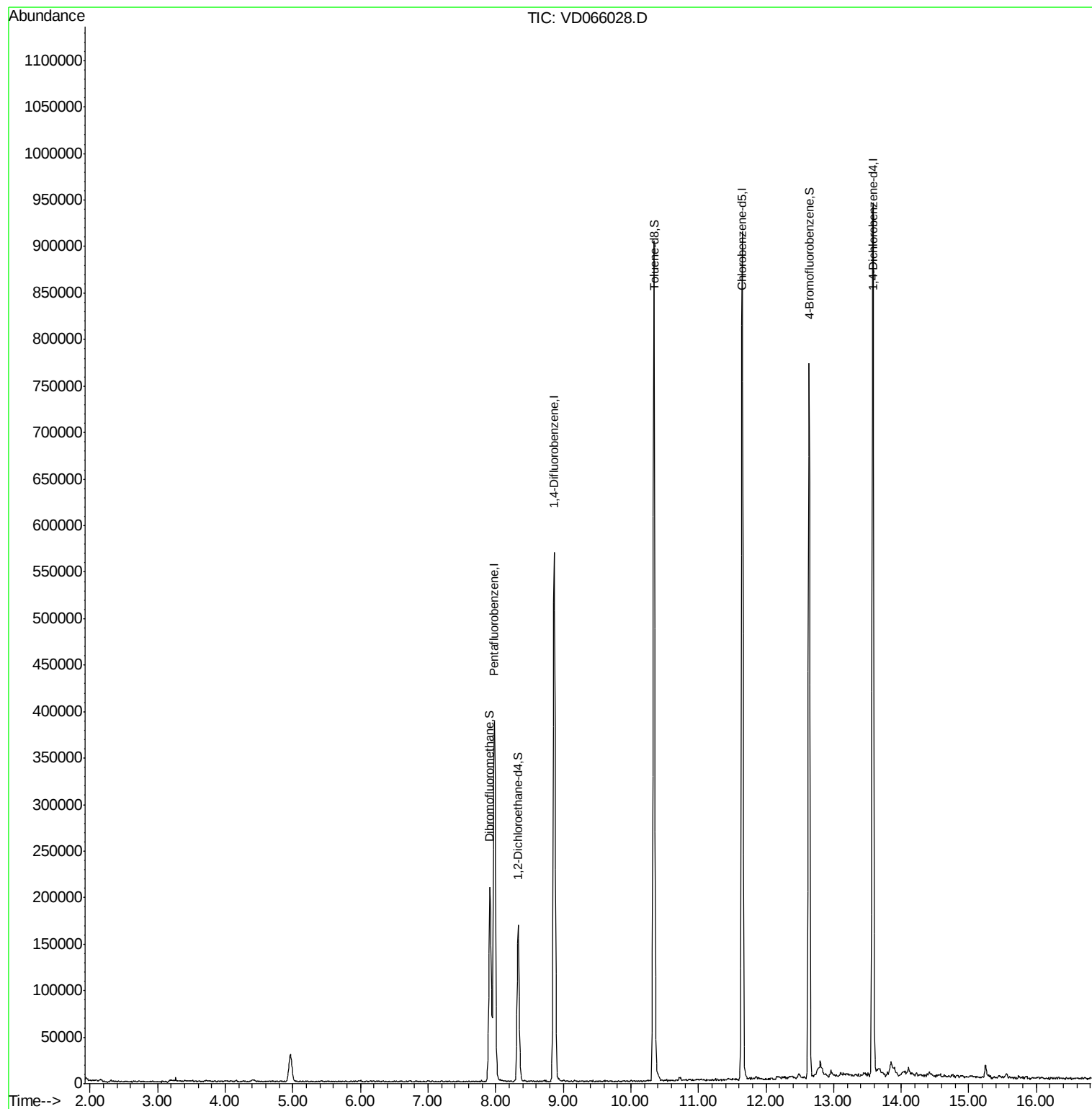
Target Compounds	Qvalue

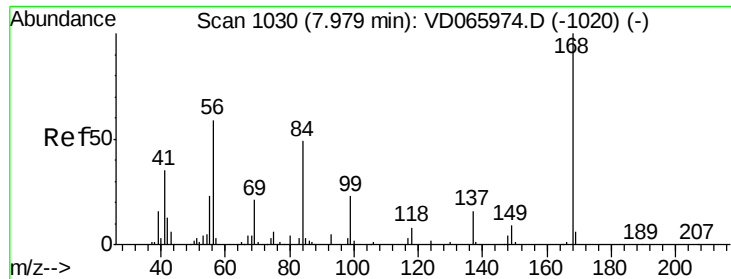
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072320\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066028.D

Acq: 23 Jul 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

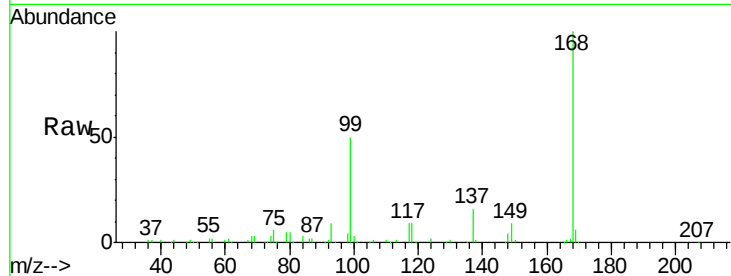
365-GRID-B6-B8

Tot Ion:168 Resp: 318247

Ion Ratio Lower Upper

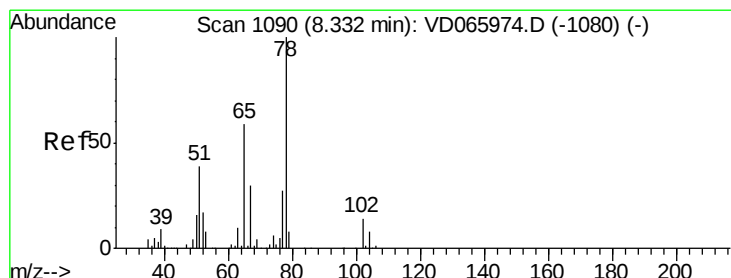
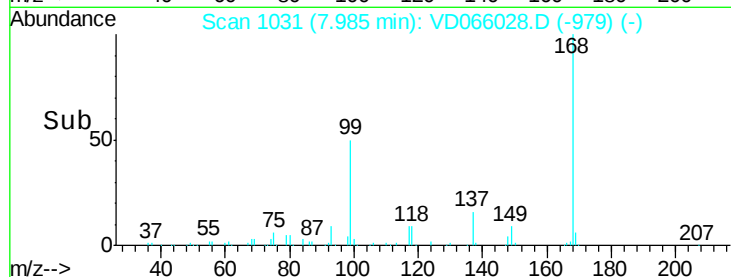
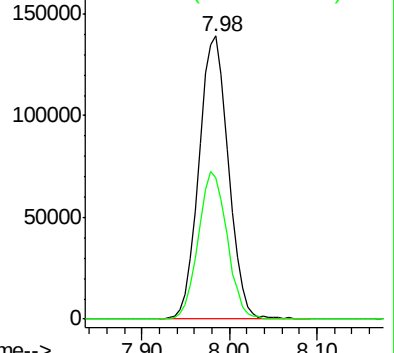
168 100

99 49.8 40.8 61.2



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: 51.629 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066028.D

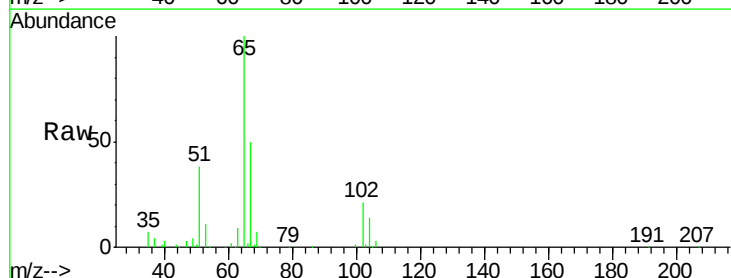
Acq: 23 Jul 2020 16:57

Tgt Ion: 65 Resp: 133695

Ion Ratio Lower Upper

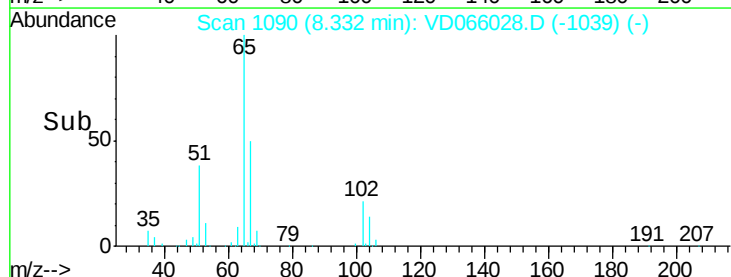
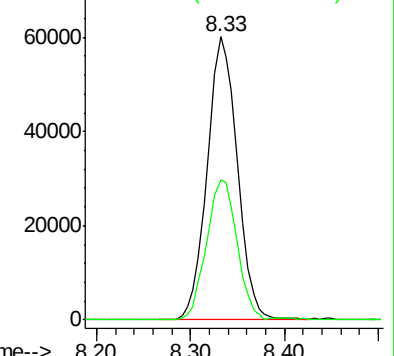
65 100

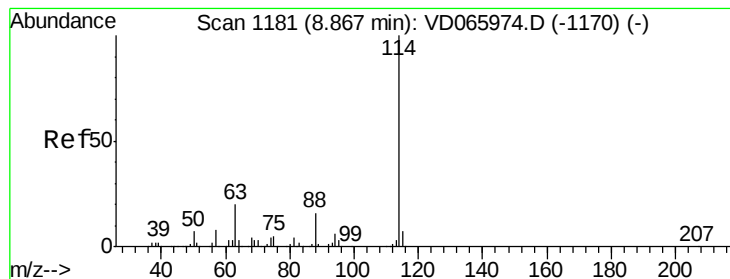
67 50.1 0.0 105.0



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: VD066028.D

Acq: 23 Jul 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

365-GRID-B6-B8

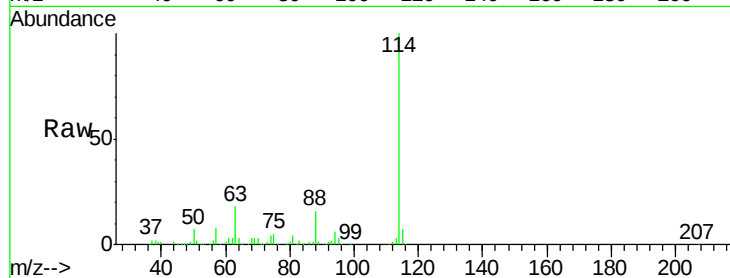
Tot Ion:114 Resp: 501799

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 15.6 0.0 31.2



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

300000

200000

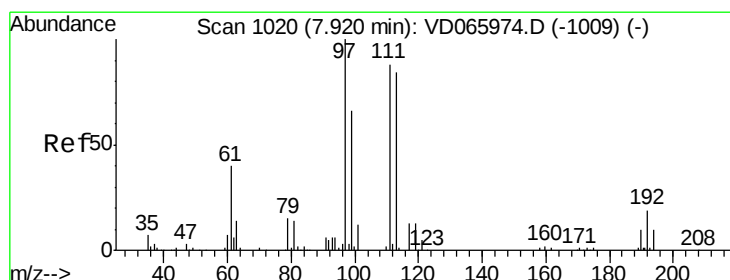
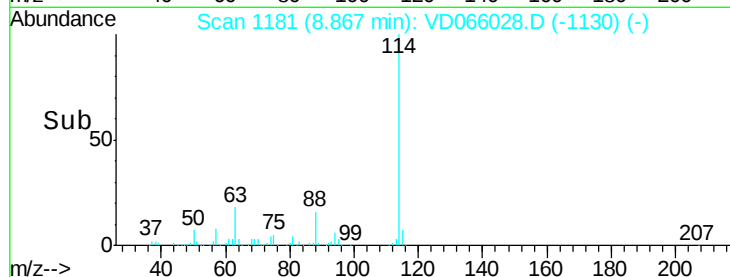
100000

0

8.87

8.80 8.90 9.00

Time-->



#35

Dibromofluoromethane

Concen: 50.469 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD066028.D

Acq: 23 Jul 2020 16:57

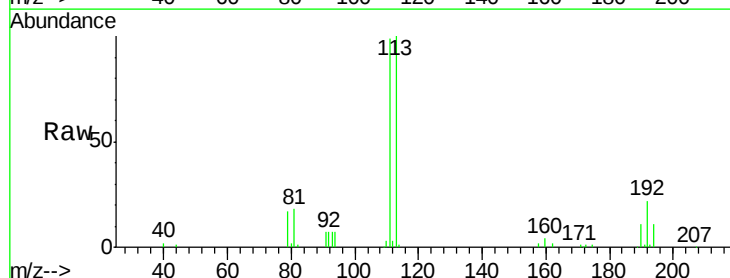
Tgt Ion:113 Resp: 153605

Ion Ratio Lower Upper

113 100

111 100.7 83.2 124.8

192 23.0 18.7 28.1



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

80000

60000

40000

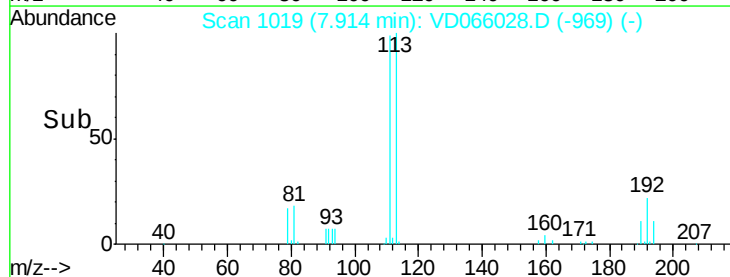
20000

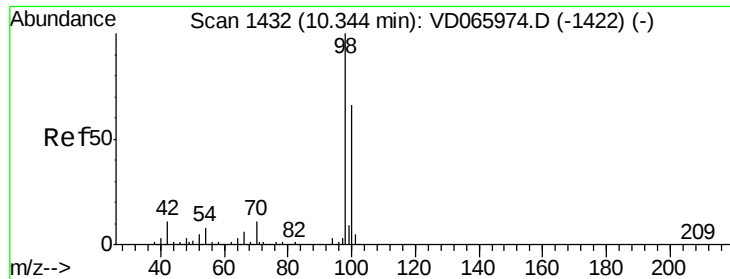
0

7.91

7.80 7.90 8.00

Time-->





#50

Toluene-d8

Concen: 54.718 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD066028.D

Acq: 23 Jul 2020 16:57

Instrument :

MSVOA_D

ClientSampleId :

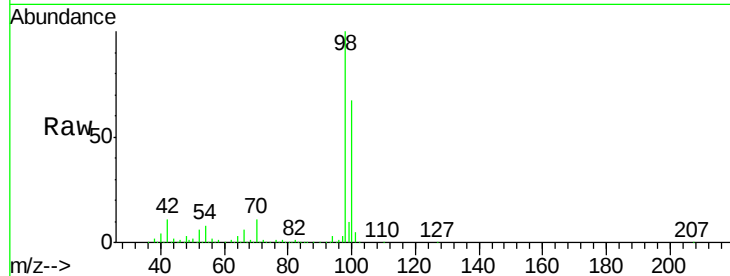
365-GRID-B6-B8

Tot Ion: 98 Resp: 620396

Ion Ratio Lower Upper

98 100

100 66.2 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

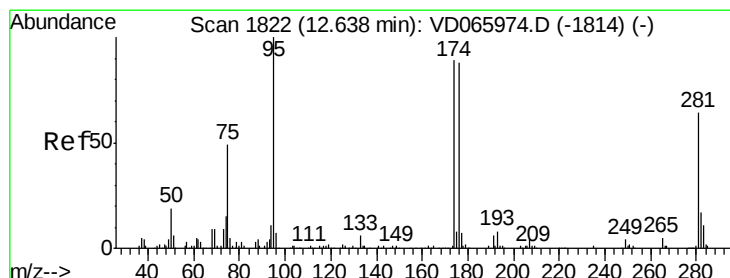
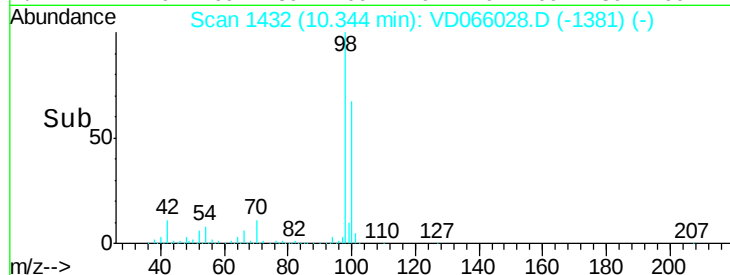
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 61.836 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066028.D

Acq: 23 Jul 2020 16:57

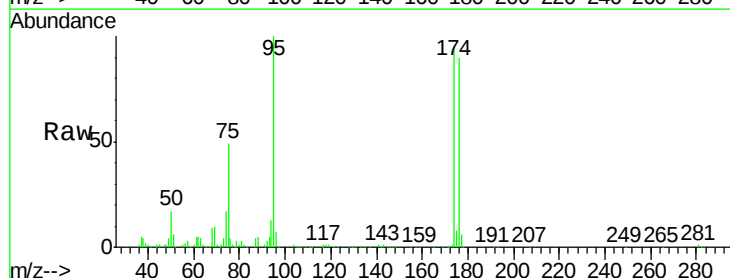
Tgt Ion: 95 Resp: 243097

Ion Ratio Lower Upper

95 100

174 93.2 0.0 178.8

176 89.2 0.0 172.6



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

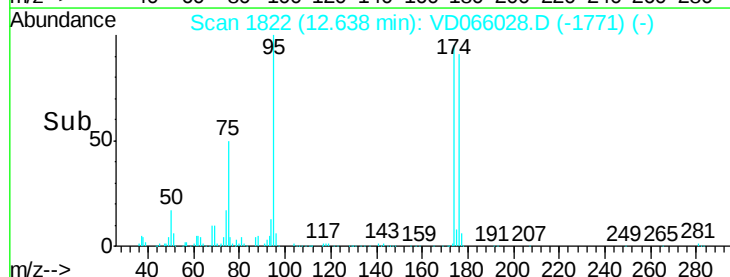
150000

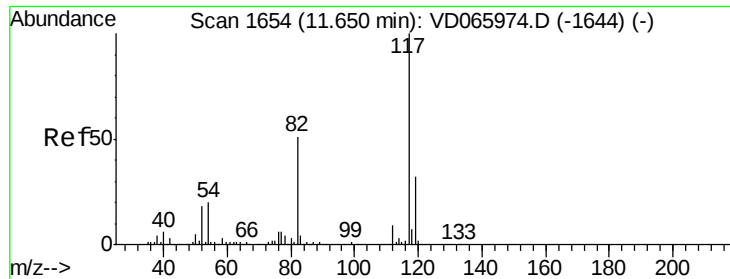
100000

50000

0

Time-->

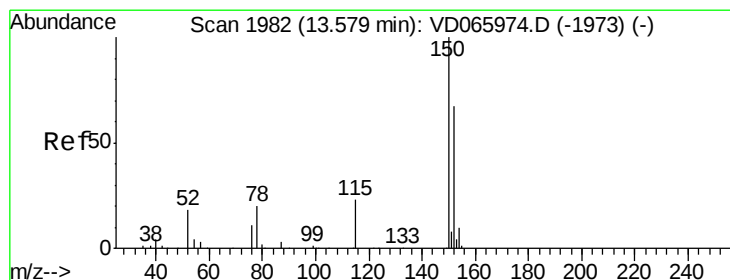
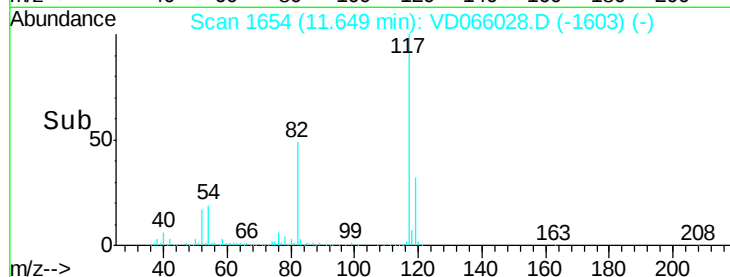
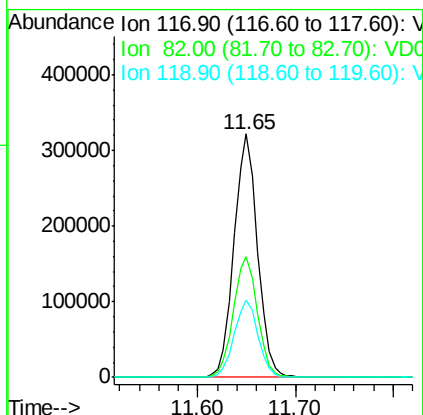
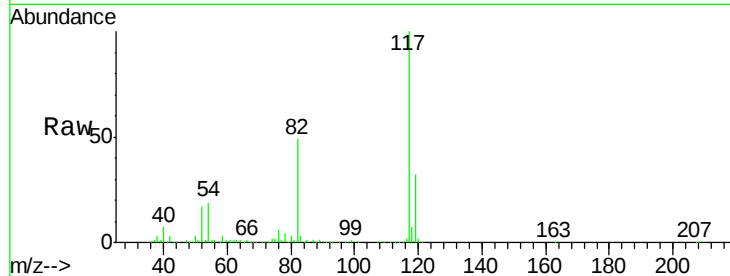




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066028.D
Acq: 23 Jul 2020 16:57

Instrument :
MSVOA_D
ClientSampleId :
365-GRID-B6-B8

Tot Ion:117 Resp: 535943
Ion Ratio Lower Upper
117 100
82 49.4 41.1 61.7
119 31.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066028.D
Acq: 23 Jul 2020 16:57

Tgt Ion:152 Resp: 272000
Ion Ratio Lower Upper
152 100
115 55.8 27.9 83.7
150 158.4 0.0 348.2

