

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD033120\
 Data File : VD065564.D
 Acq On : 31 Mar 2020 14:21
 Operator : VA/SY
 Sample : L1752-05
 Misc : 8.57G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-033020

Quant Time: Apr 01 07:25:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:47:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	457470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	845747	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	900299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	422485	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	255514	67.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.20%	
35) Dibromofluoromethane	7.93	113	287577	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	
50) Toluene-d8	10.34	98	1070007	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
62) 4-Bromofluorobenzene	12.64	95	379649	61.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.06%	

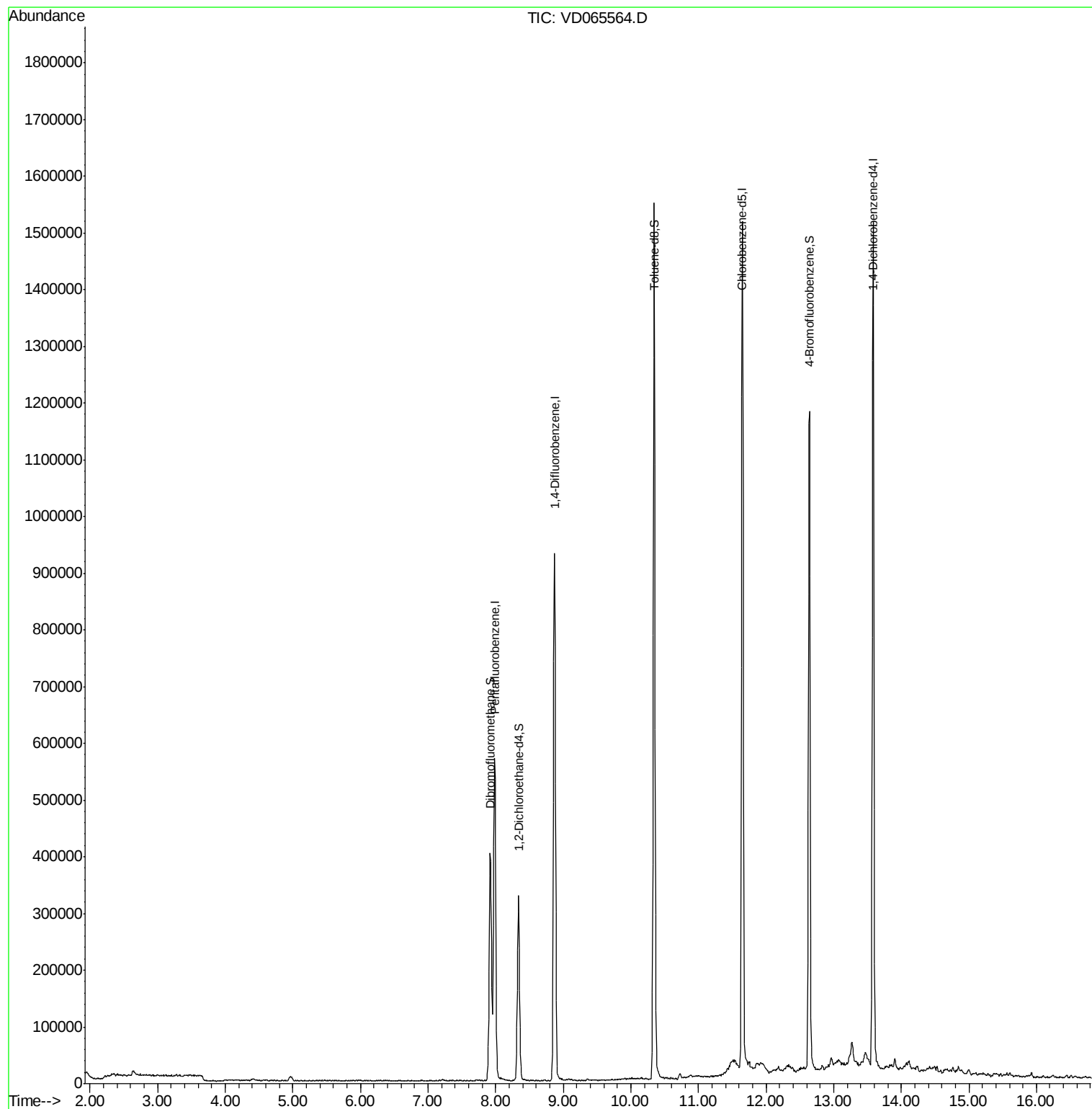
Target Compounds	Qvalue

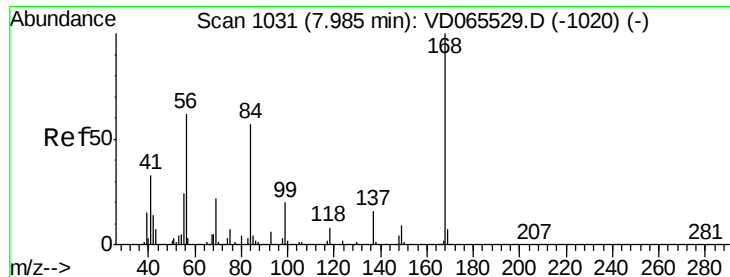
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065564.D

Acq: 31 Mar 2020 14:21

Instrument :

MSVOA_D

ClientSampleId :

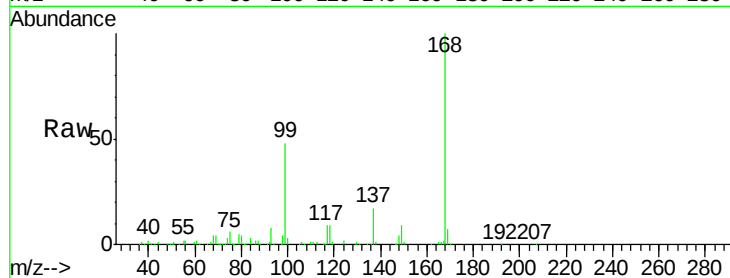
HD-02-033020

Tot Ion:168 Resp: 457470

Ion Ratio Lower Upper

168 100

99 48.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

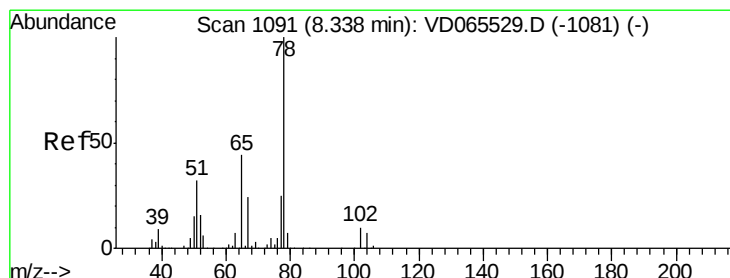
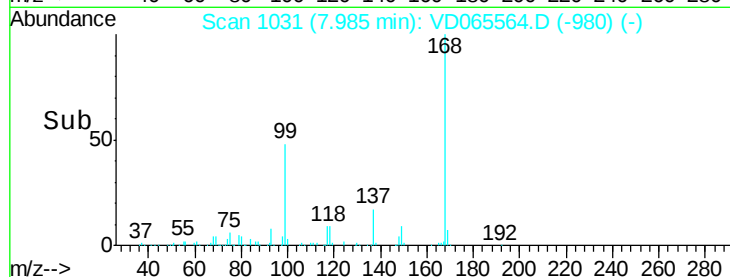
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 67.097 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065564.D

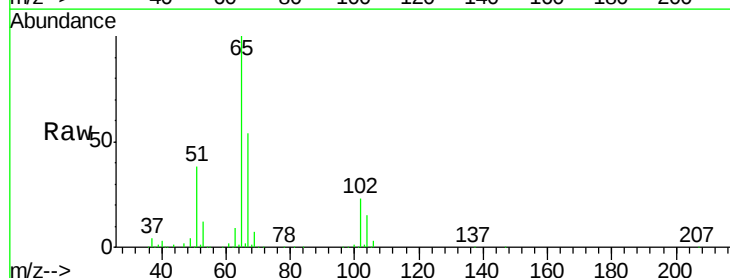
Acq: 31 Mar 2020 14:21

Tgt Ion: 65 Resp: 255514

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

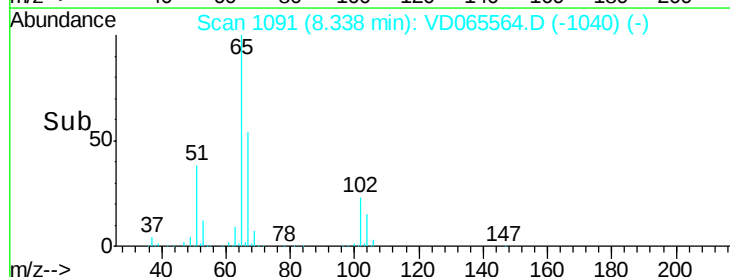
8.34

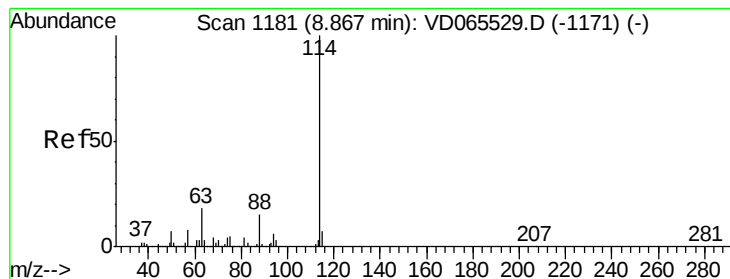
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065564.D

Acq: 31 Mar 2020 14:21

Instrument :

MSVOA_D

ClientSampleId :

HD-02-033020

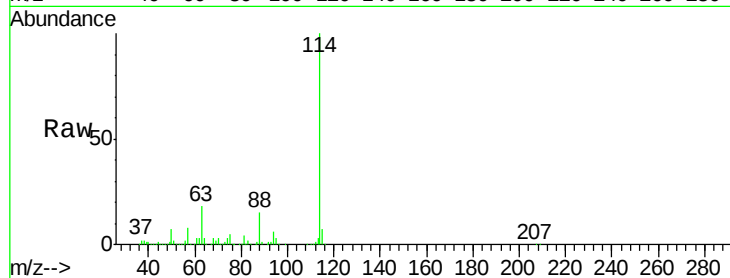
Tot Ion:114 Resp: 845747

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.0

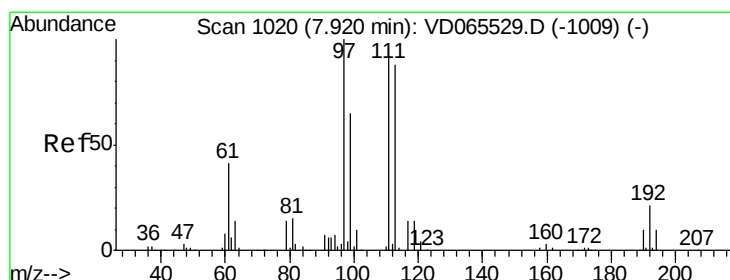
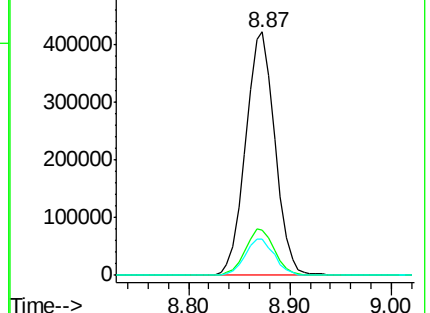
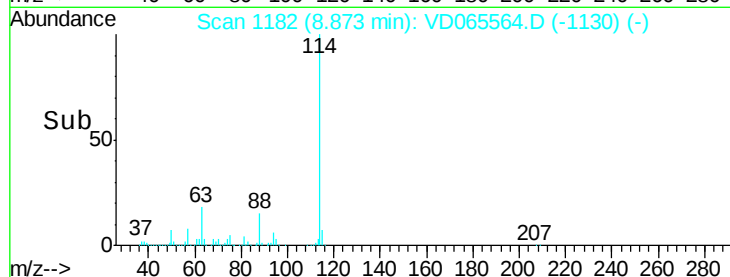
88 15.1 0.0 30.4



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: 55.088 ug/l

RT: 7.93 min Scan# 1021

Delta R.T. 0.01 min

Lab File: VD065564.D

Acq: 31 Mar 2020 14:21

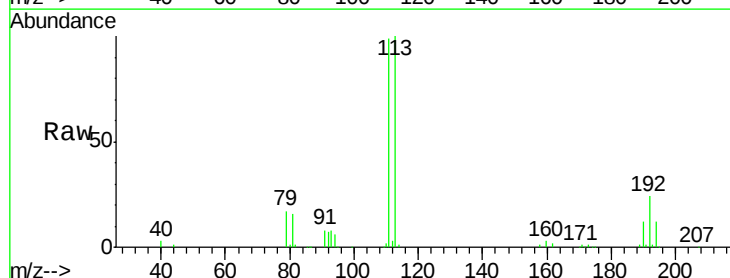
Tgt Ion:113 Resp: 287577

Ion Ratio Lower Upper

113 100

111 103.8 83.3 124.9

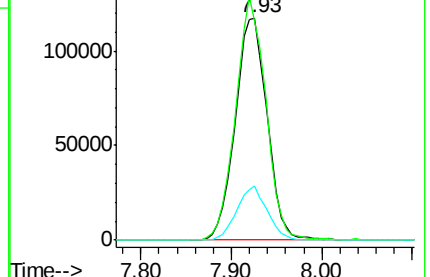
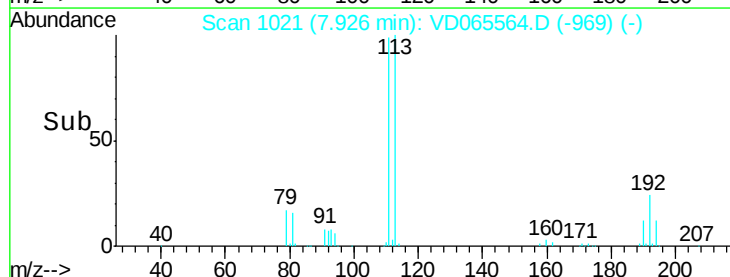
192 23.0 18.5 27.7

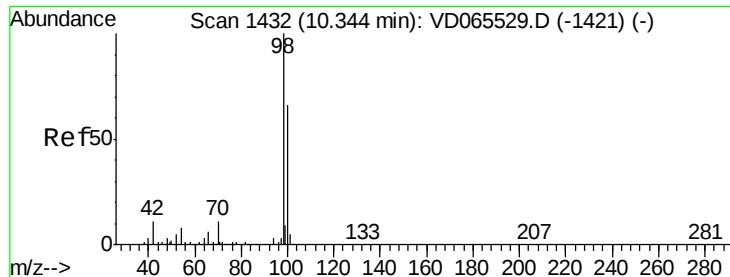


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.596 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065564.D

Acq: 31 Mar 2020 14:21

Instrument :

MSVOA_D

ClientSampleId :

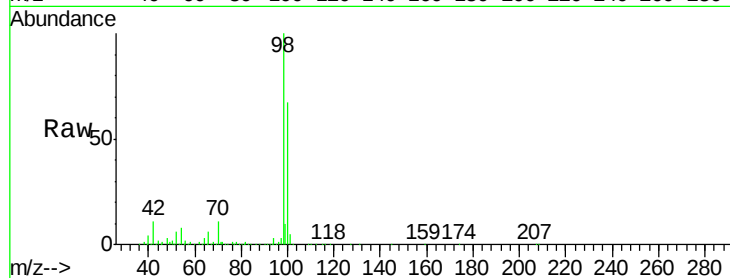
HD-02-033020

Tot Ion: 98 Resp: 1070007

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VD065529.D (-1421) (-)

Ion 100.00 (99.70 to 100.70): VD065529.D (-1421) (-)

10.34

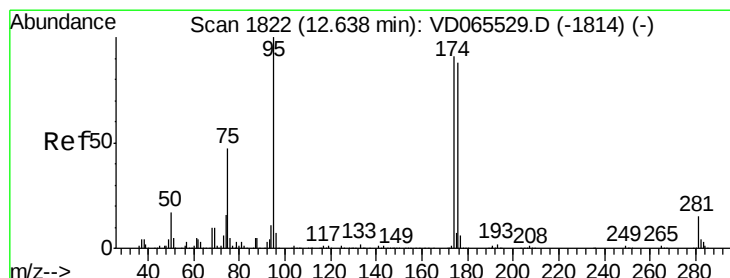
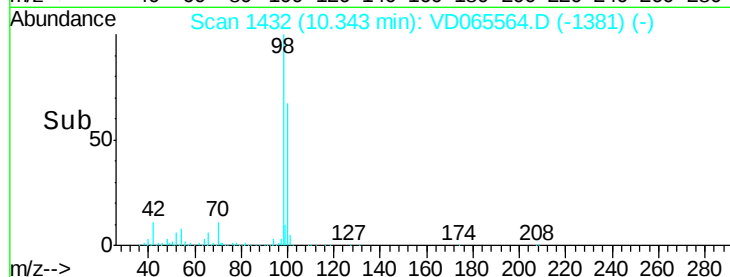
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 61.033 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065564.D

Acq: 31 Mar 2020 14:21

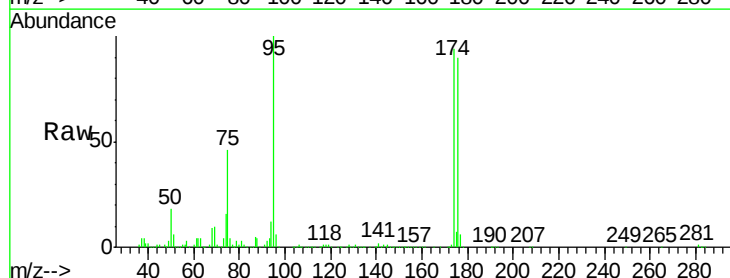
Tgt Ion: 95 Resp: 379649

Ion Ratio Lower Upper

95 100

174 93.5 0.0 183.8

176 89.1 0.0 178.2



Abundance Ion 94.90 (94.60 to 95.60): VD065529.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD065529.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD065529.D (-1814) (-)

12.64

300000

250000

200000

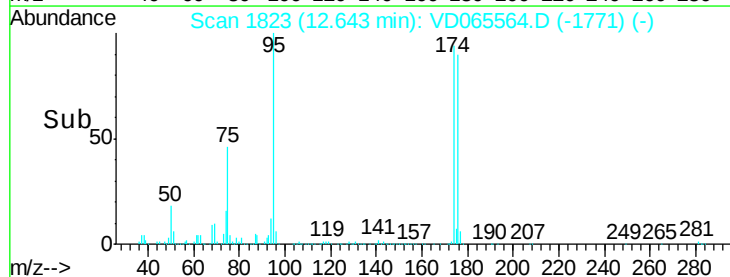
150000

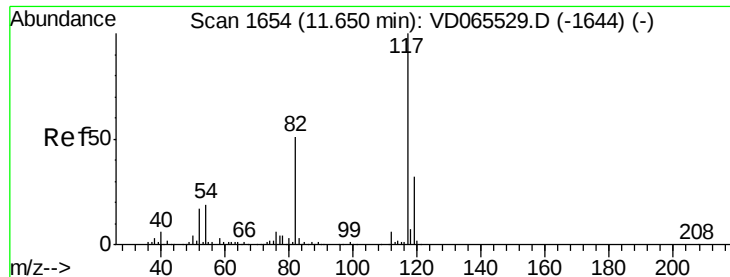
100000

50000

0

Time-->

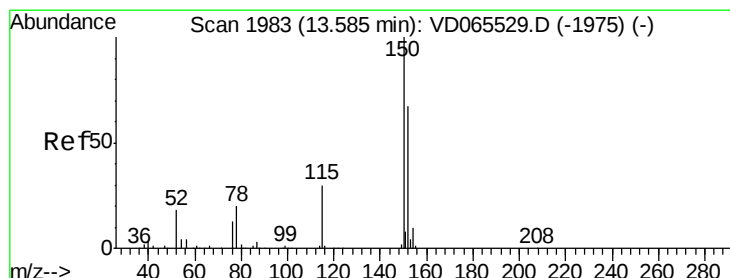
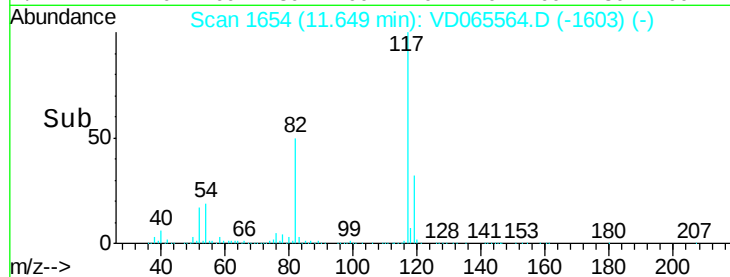
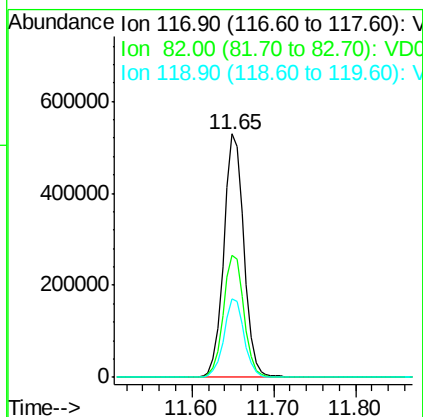
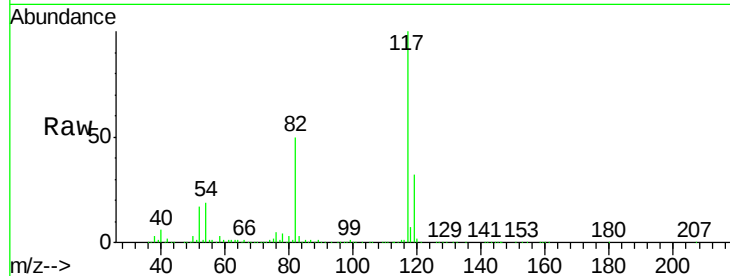




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065564.D
Acq: 31 Mar 2020 14:21

Instrument :
MSVOA_D
ClientSampleId :
HD-02-033020

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	41.0	61.6
119	32.1	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065564.D
Acq: 31 Mar 2020 14:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	27.2	81.6
150	156.4	0.0	340.2

