

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020620\
 Data File : VD065097.D
 Acq On : 06 Feb 2020 20:13
 Operator : VA/SY
 Sample : L1390-05
 Misc : 7.41G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5

Quant Time: Feb 07 07:13:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	491054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	799945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	806367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	393929	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	231611	55.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.00%	
35) Dibromofluoromethane	7.92	113	243583	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	
50) Toluene-d8	10.34	98	982039	55.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.56%	
62) 4-Bromofluorobenzene	12.64	95	346379	61.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.06%	

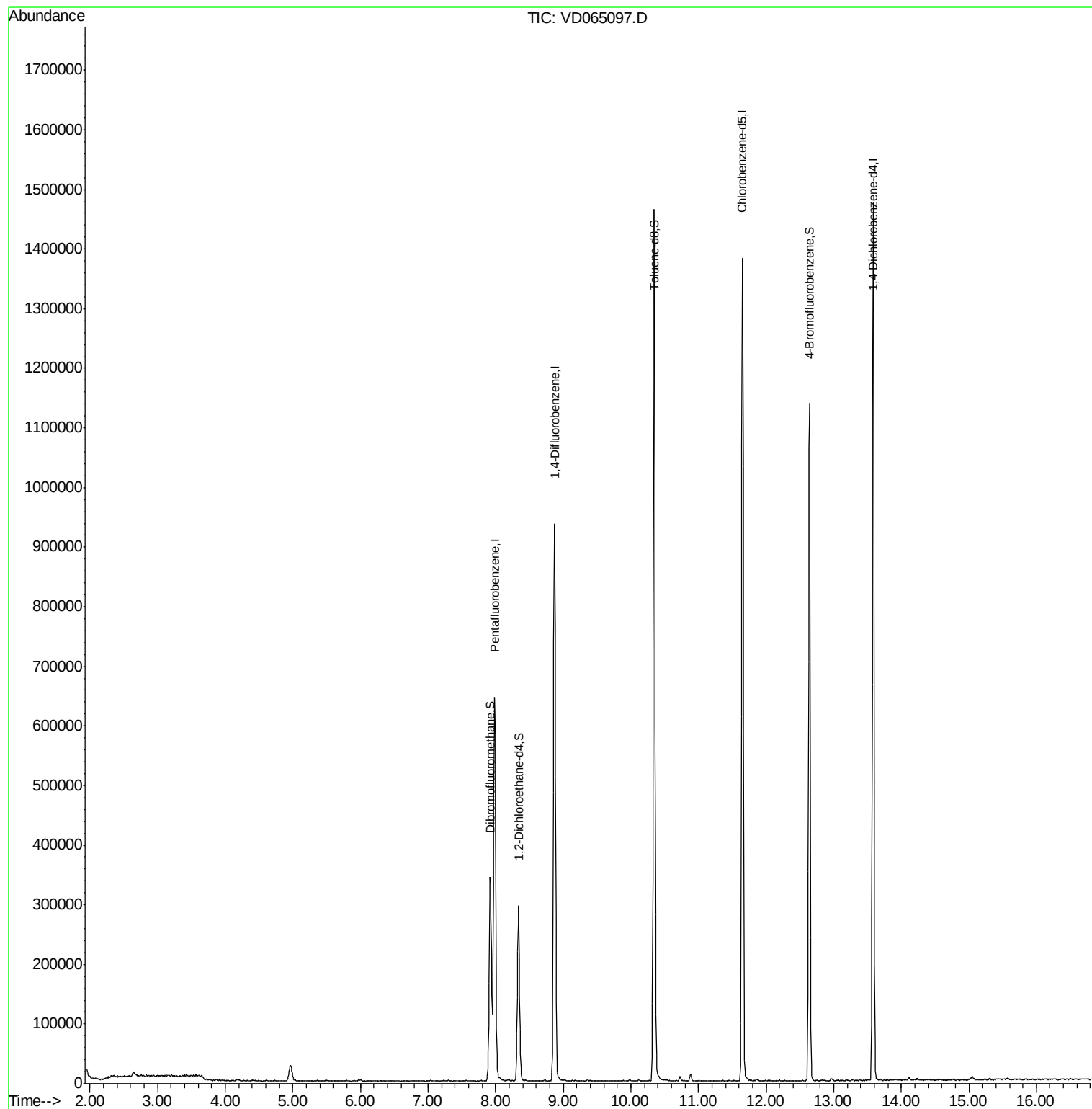
Target Compounds	Qvalue

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

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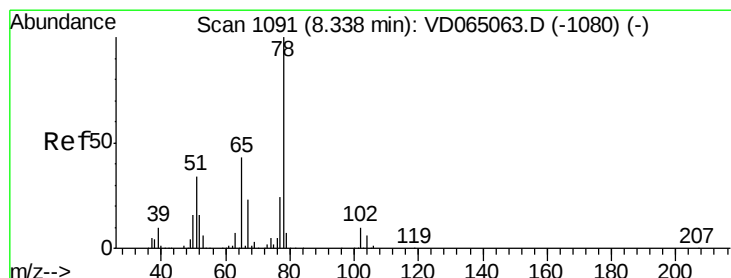
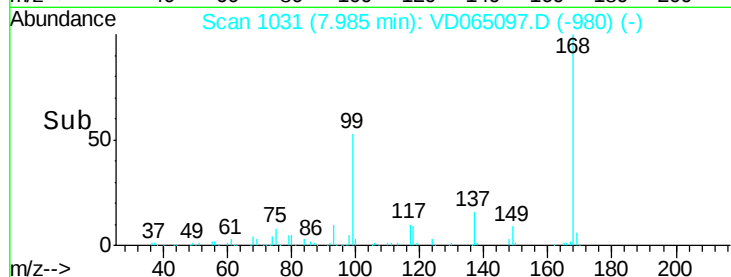
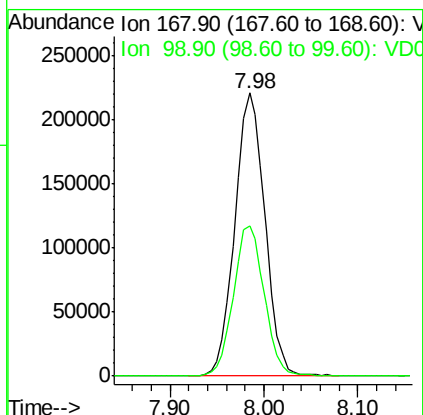
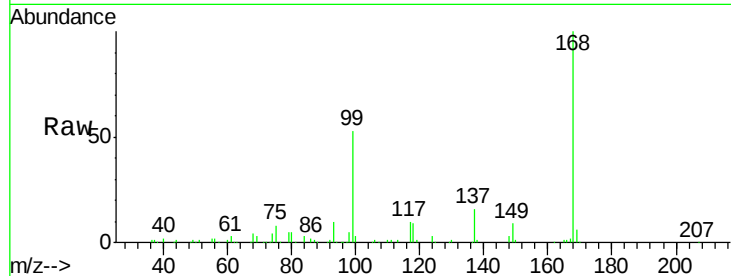




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065097.D
Acq: 06 Feb 2020 20:13

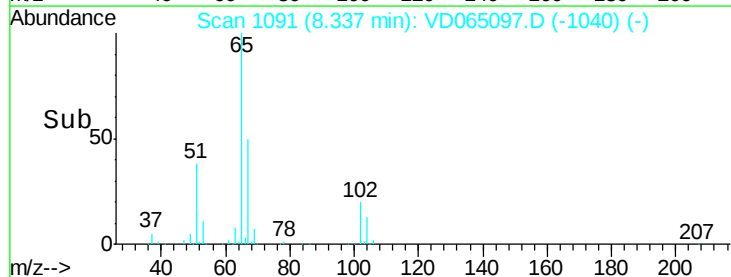
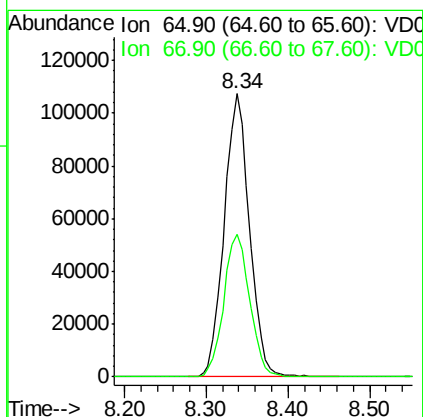
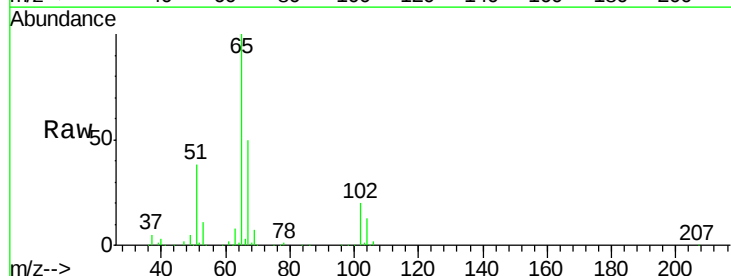
Instrument :
MSVOA_D
ClientSampleID :
SB-5

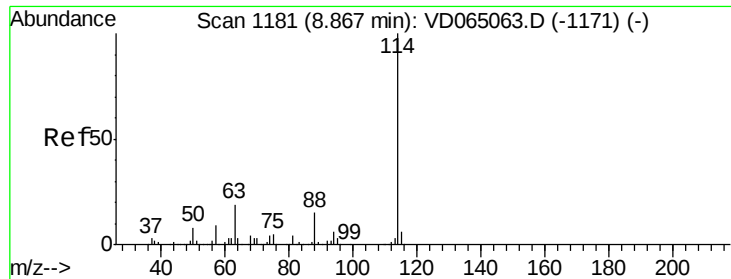
Tot Ion:168 Resp: 491054
Ion Ratio Lower Upper
168 100
99 53.0 41.0 61.6



#33
1,2-Dichloroethane-d4
Concen: 55.495 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD065097.D
Acq: 06 Feb 2020 20:13

Tgt Ion: 65 Resp: 231611
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.8

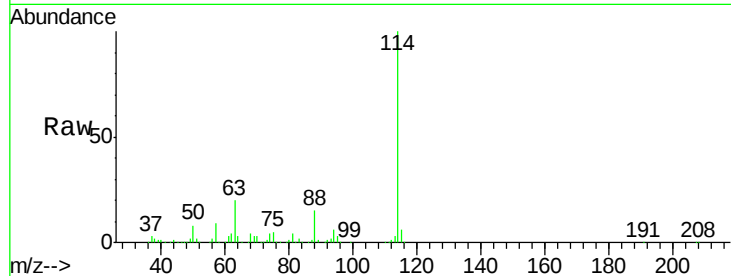




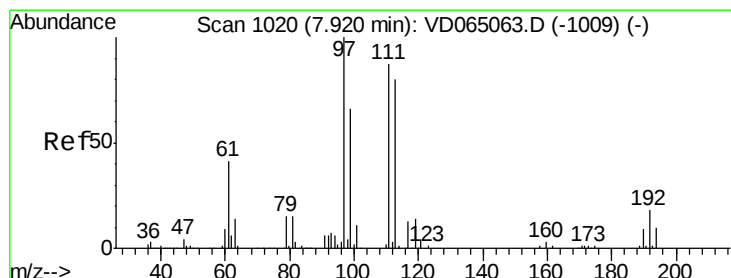
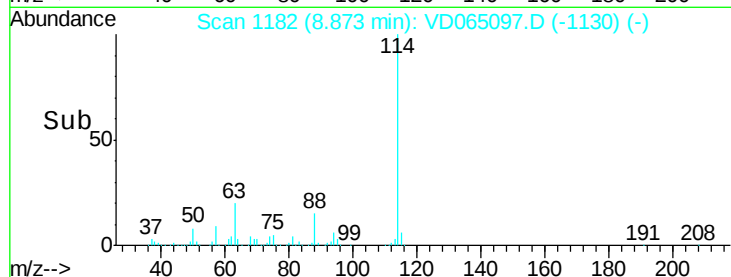
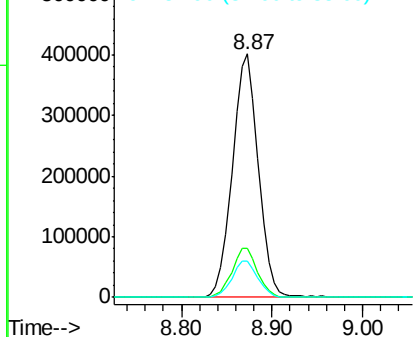
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065097.D
 Acq: 06 Feb 2020 20:13

Instrument :
 MSVOA_D
 ClientSampled :
 SB-5

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	38.8
88	15.2	0.0	29.6

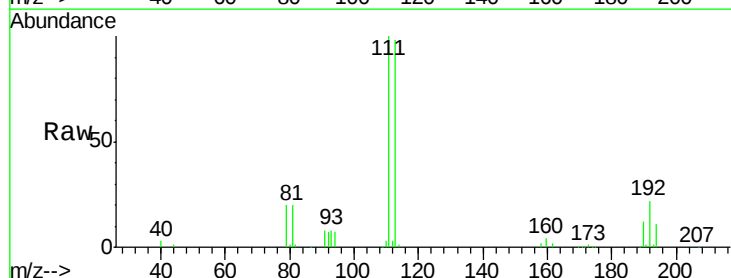


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

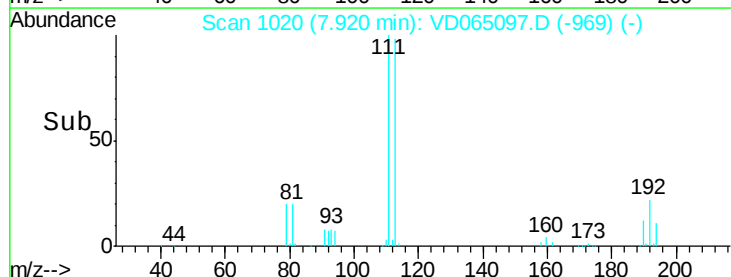
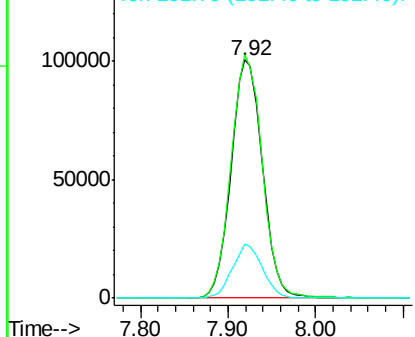


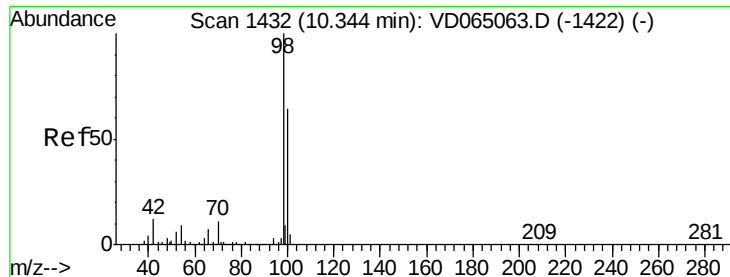
#35
 Dibromofluoromethane
 Concen: 54.576 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065097.D
 Acq: 06 Feb 2020 20:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.1	124.7
192	21.6	18.1	27.1



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





#50

Toluene-d8

Concen: 55.280 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065097.D

Acq: 06 Feb 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

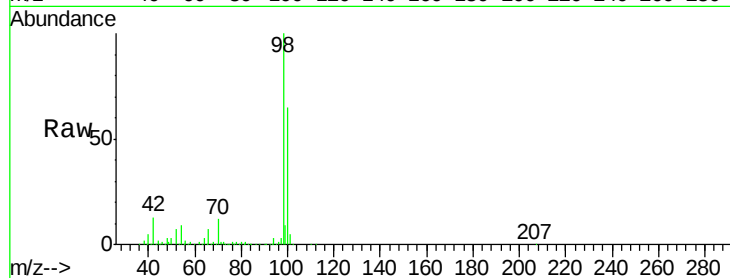
SB-5

Tot Ion: 98 Resp: 982039

Ion Ratio Lower Upper

98 100

100 65.5 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VD0

Ion 100.00 (99.70 to 100.70): VD

10.34

600000

500000

400000

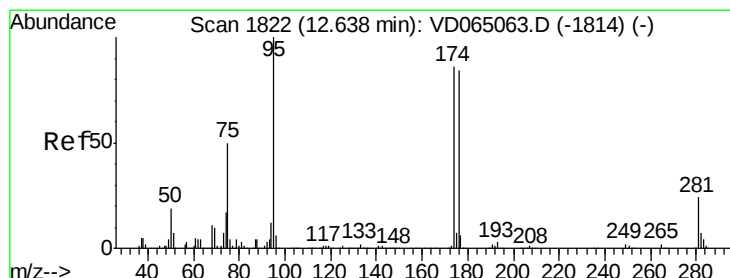
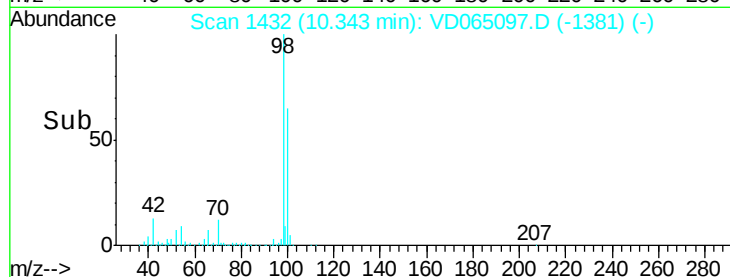
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 61.535 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065097.D

Acq: 06 Feb 2020 20:13

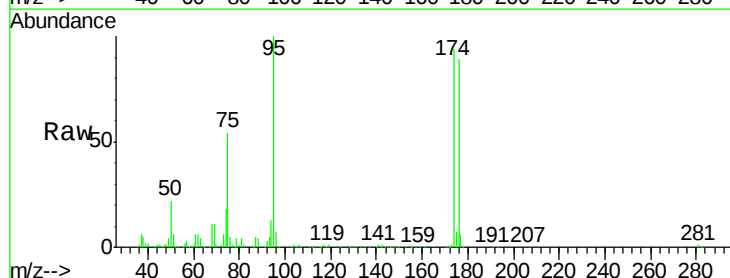
Tgt Ion: 95 Resp: 346379

Ion Ratio Lower Upper

95 100

174 91.6 0.0 180.0

176 87.6 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VD0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.64

250000

200000

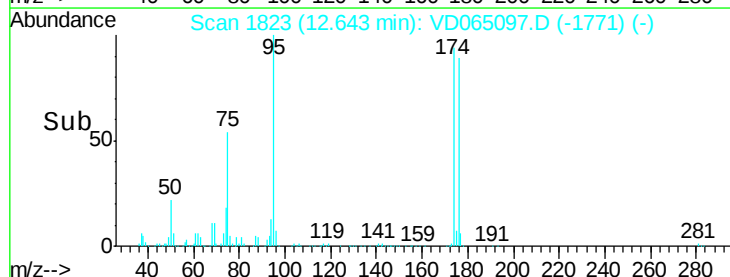
150000

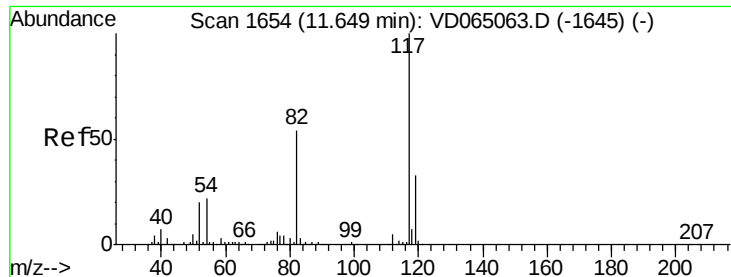
100000

50000

0

Time--> 12.60 12.70

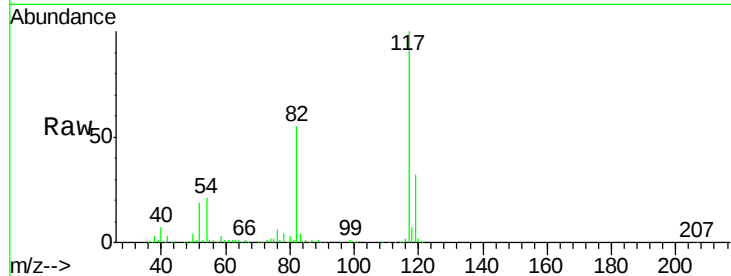




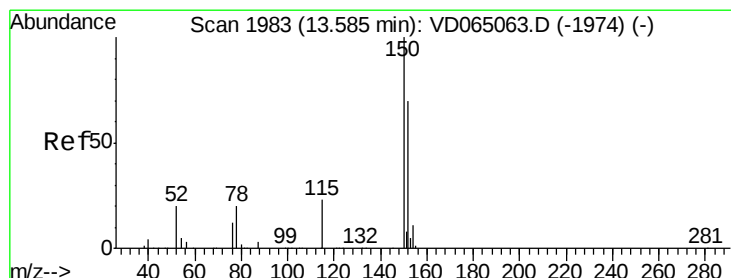
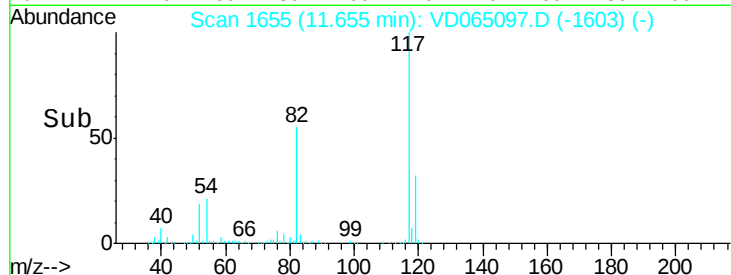
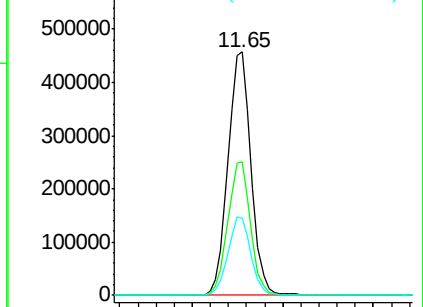
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1655
Delta R.T. 0.01 min
Lab File: VD065097.D
Acq: 06 Feb 2020 20:13

Instrument :
MSVOA_D
ClientSampled :
SB-5

Tot Ion:117 Resp: 806367
Ion Ratio Lower Upper
117 100
82 54.7 43.1 64.7
119 31.9 26.0 39.0

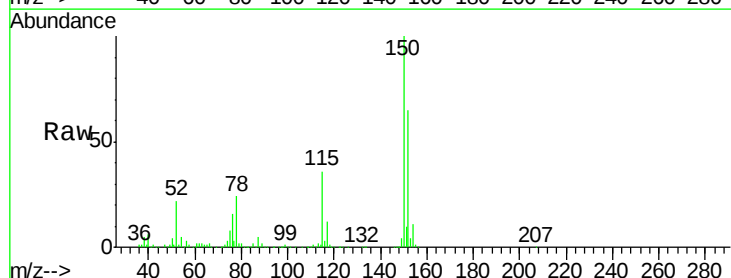


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065097.D
Acq: 06 Feb 2020 20:13

Tgt Ion:152 Resp: 393929
Ion Ratio Lower Upper
152 100
115 55.6 27.5 82.4
150 156.1 0.0 343.2



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

