

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071223\
 Data File : VD076729.D
 Acq On : 12 Jul 2023 13:03
 Operator : KP/SY
 Sample : 03565-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAT-DIS-01-7-10-2023

Quant Time: Jul 12 13:41:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	3624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	7715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	8562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	3454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	2542	70.009	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.020%
35) Dibromofluoromethane	7.799	113	1505	32.837	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	65.680%
50) Toluene-d8	10.269	98	9738	56.024	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.040%
62) 4-Bromofluorobenzene	12.575	95	3569	63.268	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	126.540%

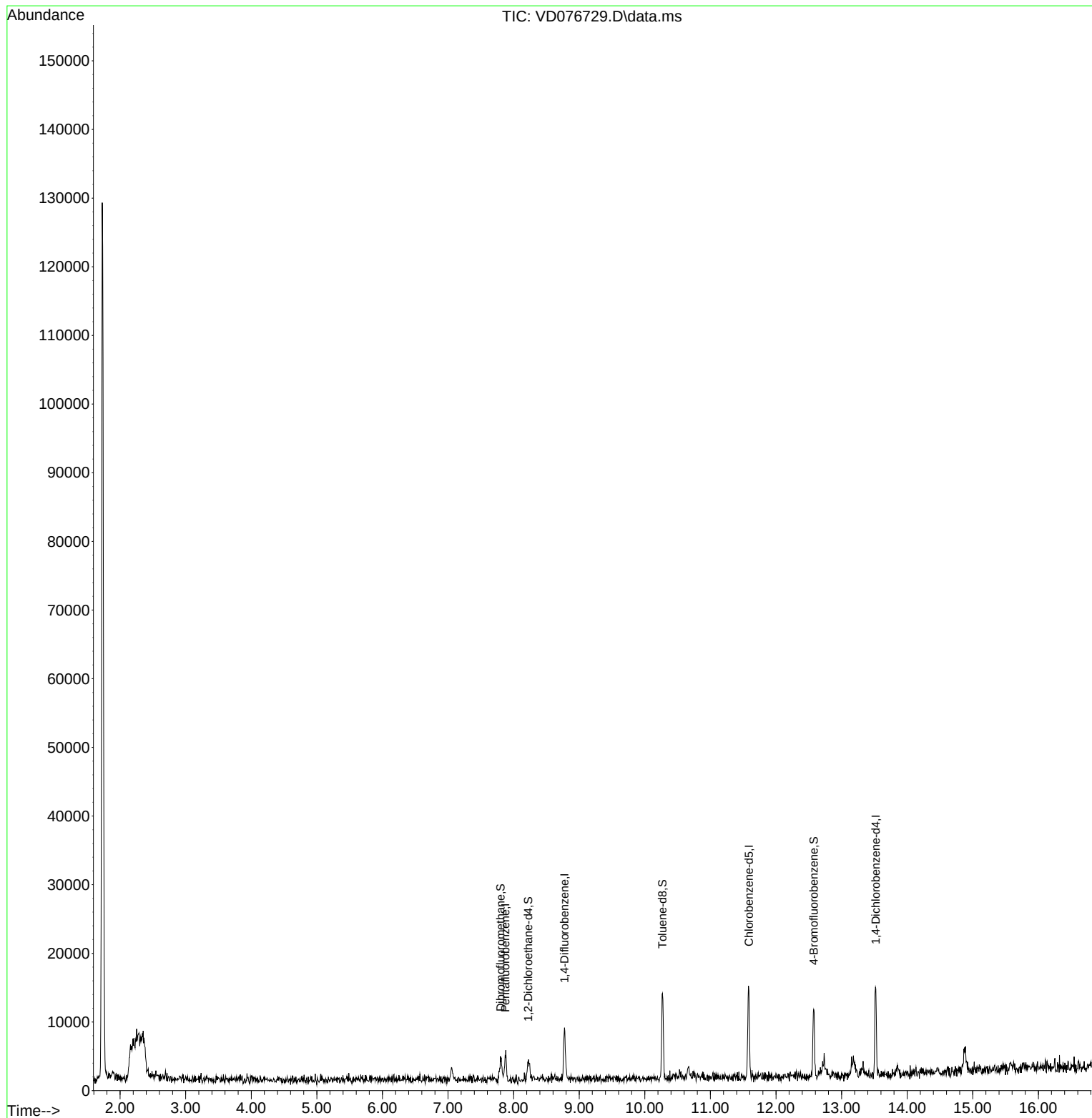
Target Compounds Qvalue

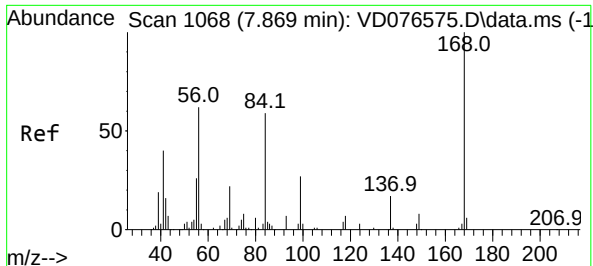
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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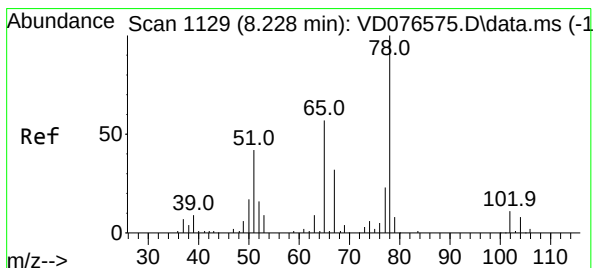
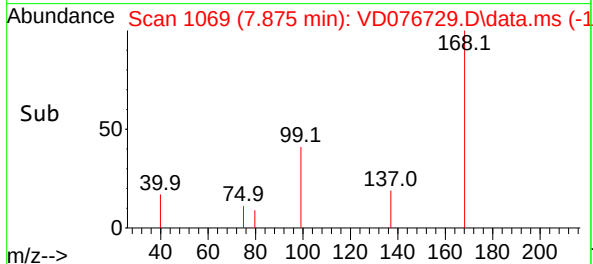
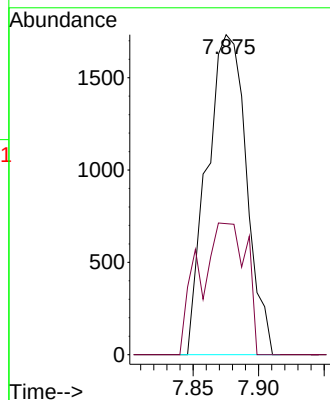
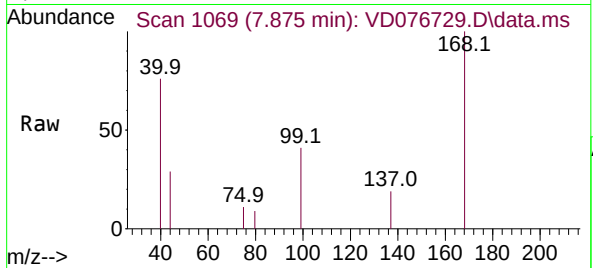




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076729.D
Acq: 12 Jul 2023 13:03

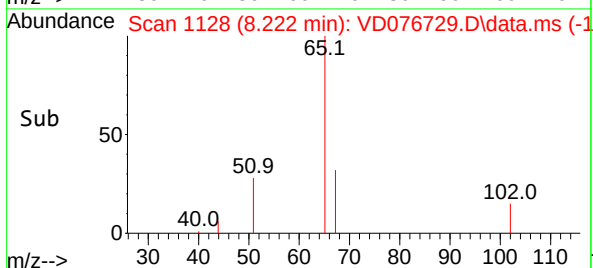
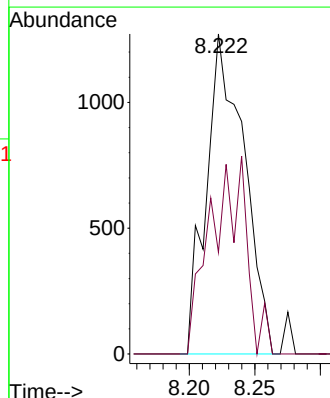
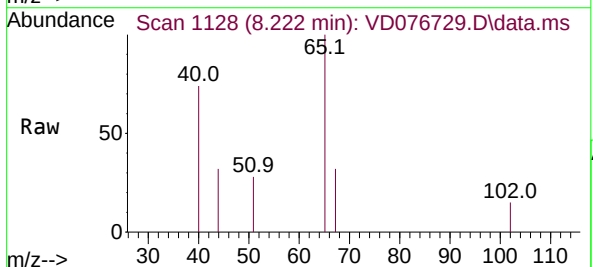
Instrument :
MSVOA_D
ClientSampleId :
PAT-DIS-01-7-10-2023

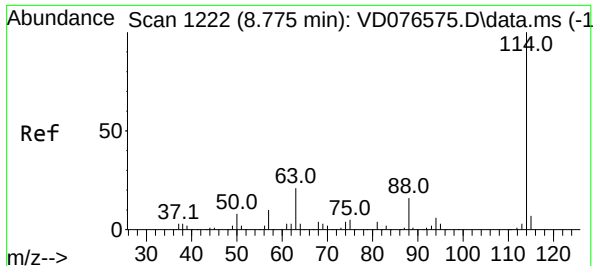
Tgt Ion:168 Resp: 3624
Ion Ratio Lower Upper
168 100
99 41.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 70.009 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VD076729.D
Acq: 12 Jul 2023 13:03

Tgt Ion: 65 Resp: 2542
Ion Ratio Lower Upper
65 100
67 58.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076729.D

Acq: 12 Jul 2023 13:03

Instrument :

MSVOA_D

ClientSampleId :

PAT-DIS-01-7-10-2023

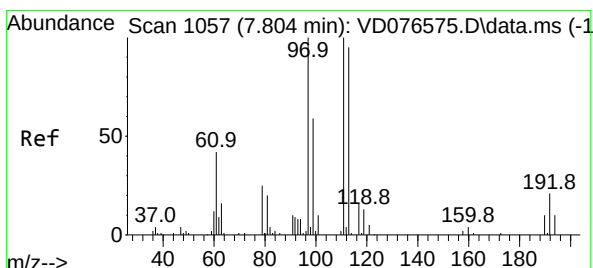
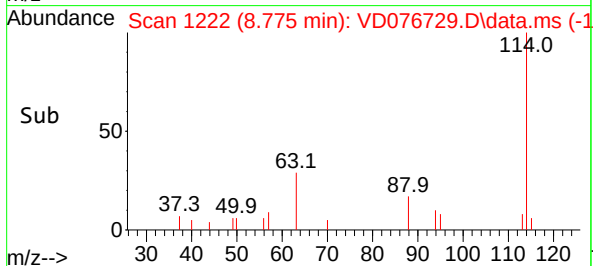
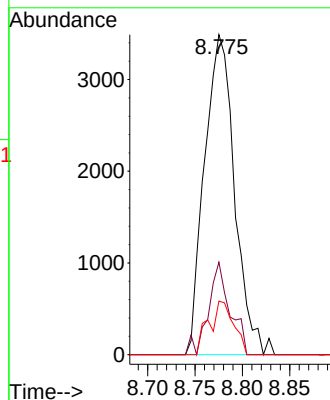
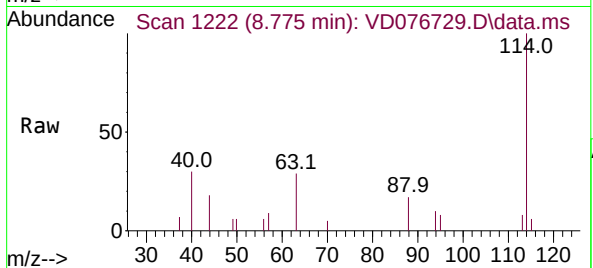
Tgt Ion:114 Resp: 7715

Ion Ratio Lower Upper

114 100

63 28.9 0.0 33.4

88 16.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 32.837 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076729.D

Acq: 12 Jul 2023 13:03

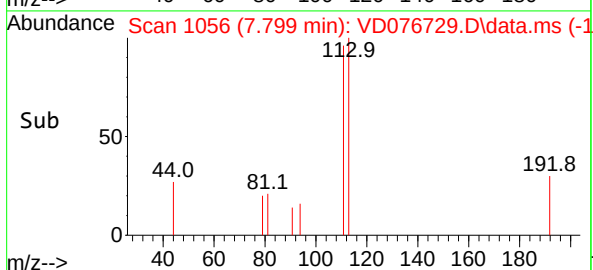
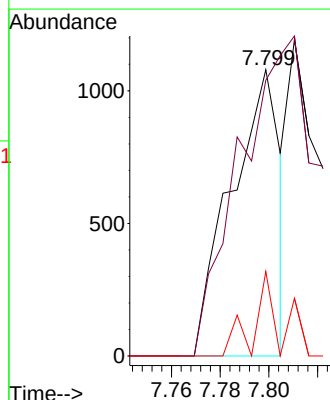
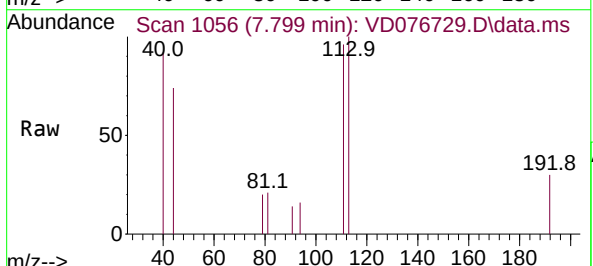
Tgt Ion:113 Resp: 1505

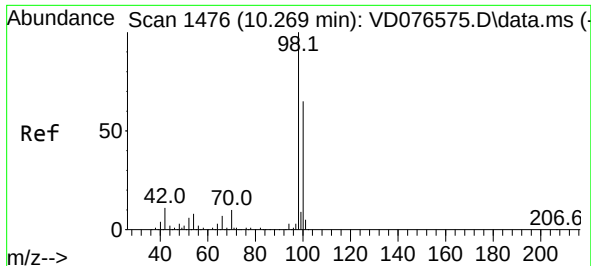
Ion Ratio Lower Upper

113 100

111 186.9 84.7 127.1#

192 16.2 16.8 25.2#

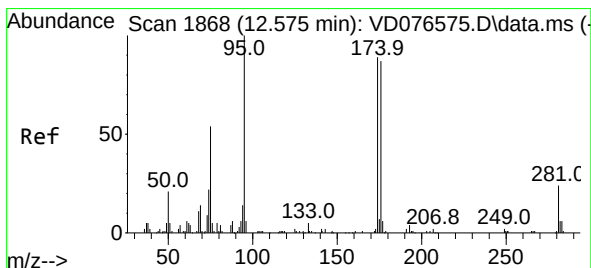
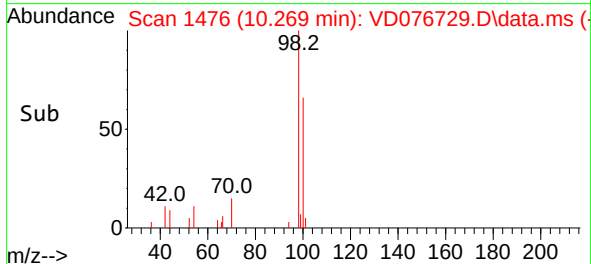
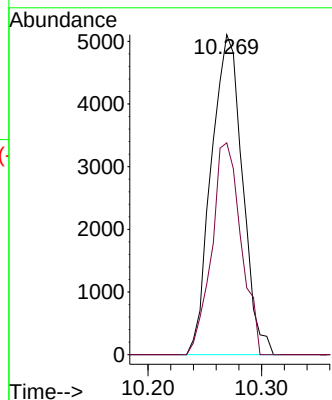
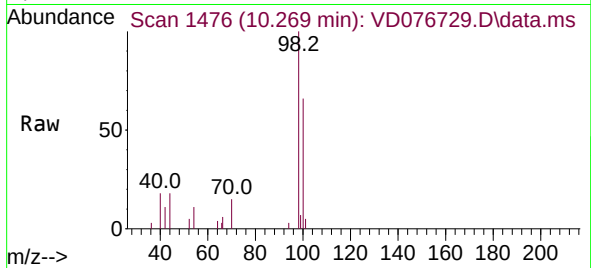




#50
Toluene-d8
Concen: 56.024 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076729.D
Acq: 12 Jul 2023 13:03

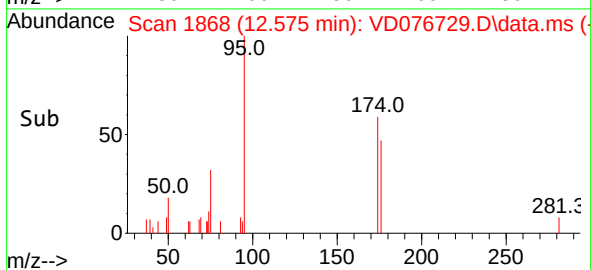
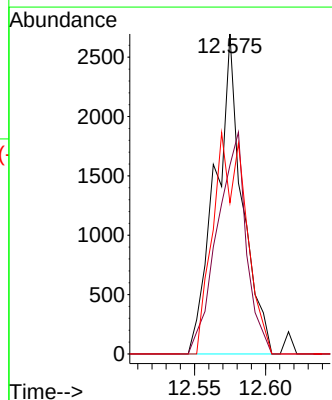
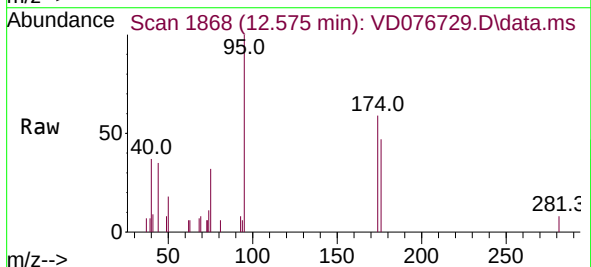
Instrument :
MSVOA_D
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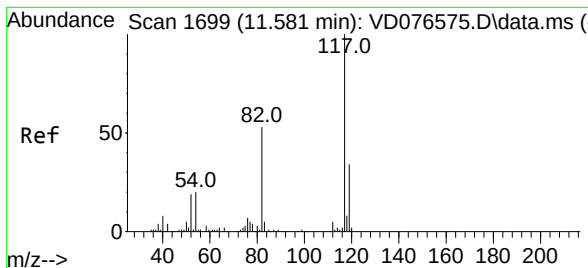
Tgt Ion: 98 Resp: 9738
Ion Ratio Lower Upper
98 100
100 62.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 63.268 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076729.D
Acq: 12 Jul 2023 13:03

Tgt Ion: 95 Resp: 3569
Ion Ratio Lower Upper
95 100
174 74.4 0.0 201.8
176 83.3 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076729.D

Acq: 12 Jul 2023 13:03

Instrument :

MSVOA_D

ClientSampleId :

PAT-DIS-01-7-10-2023

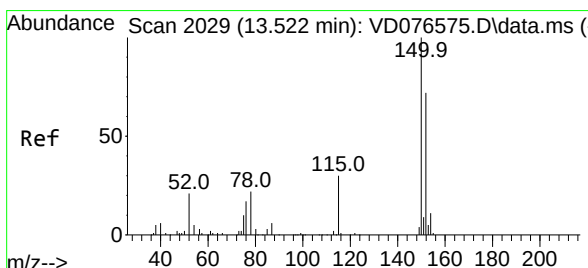
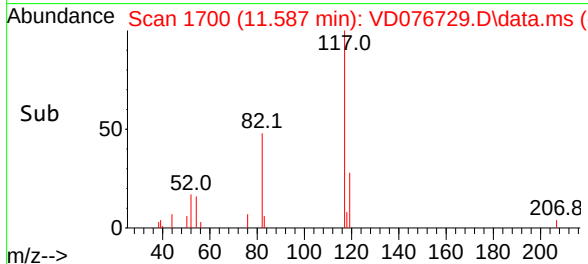
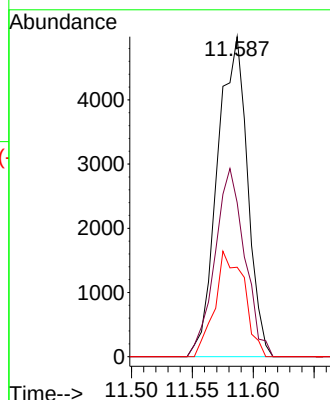
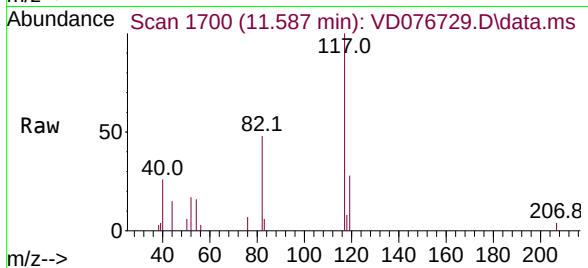
Tgt Ion:117 Resp: 8562

Ion Ratio Lower Upper

117 100

82 48.1 38.3 57.5

119 27.9 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD076729.D

Acq: 12 Jul 2023 13:03

Tgt Ion:152 Resp: 3454

Ion Ratio Lower Upper

152 100

115 69.8 27.1 81.3

150 167.3 0.0 353.6

