

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
 Data File : VD076150.D
 Acq On : 19 May 2023 11:36
 Operator : KP/SY
 Sample : VD0519SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBL01

Quant Time: May 19 15:17:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	161437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	306189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	280416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	112274	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93741	60.081	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.160%
35) Dibromofluoromethane	7.805	113	104158	49.214	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.420%
50) Toluene-d8	10.269	98	368083	44.614	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.220%
62) 4-Bromofluorobenzene	12.575	95	87760	38.292	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.580%

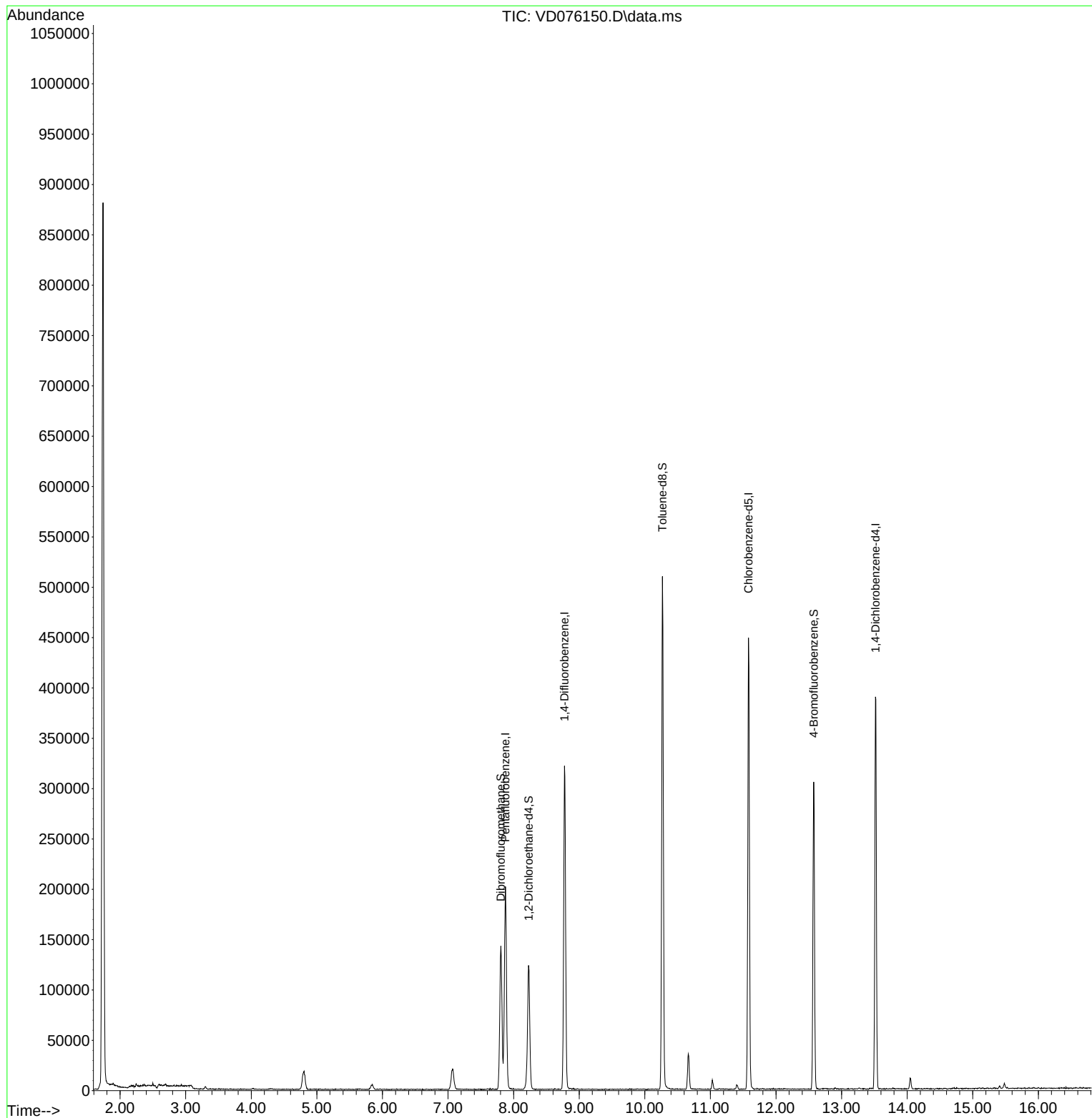
Target Compounds	Qvalue

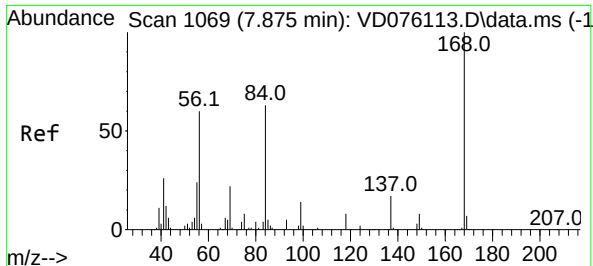
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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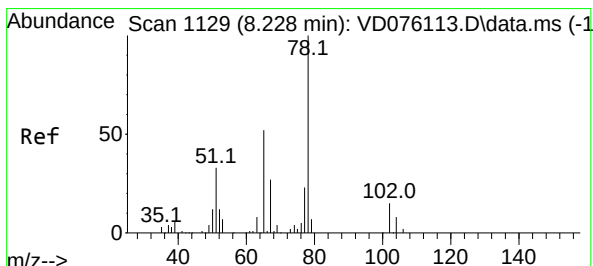
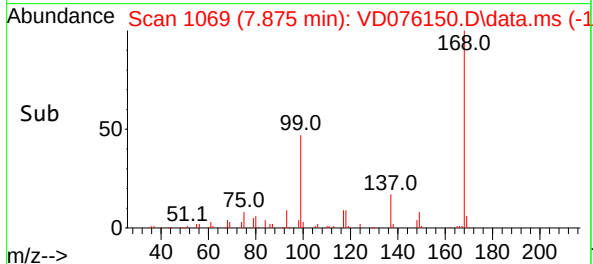
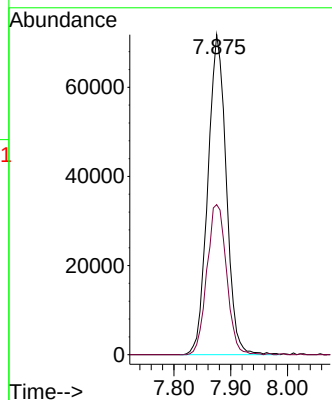
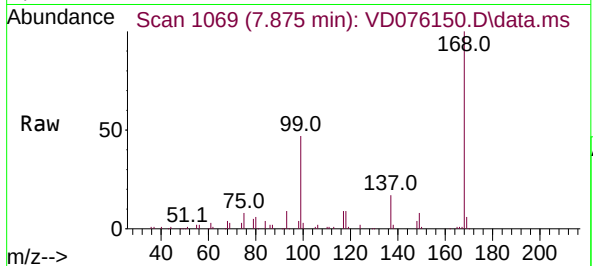




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076150.D
Acq: 19 May 2023 11:36

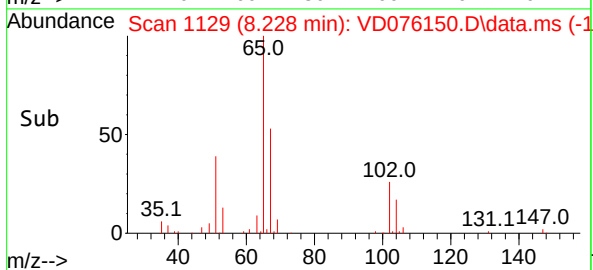
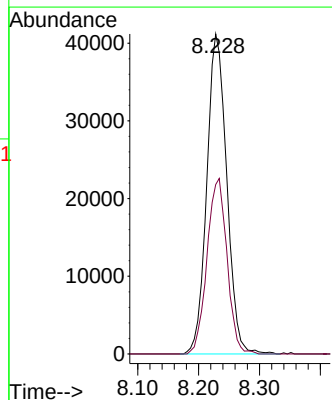
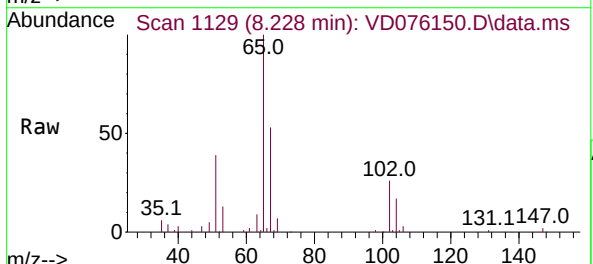
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBL01

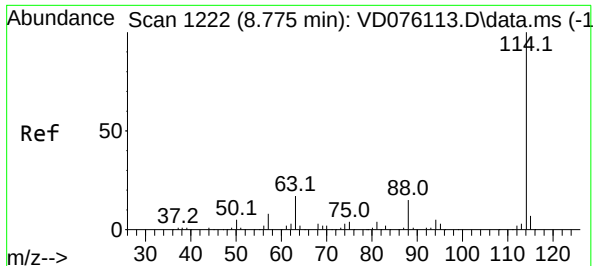
Tgt Ion:168 Resp: 161437
Ion Ratio Lower Upper
168 100
99 46.9 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 60.081 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076150.D
Acq: 19 May 2023 11:36

Tgt Ion: 65 Resp: 93741
Ion Ratio Lower Upper
65 100
67 55.0 0.0 102.2

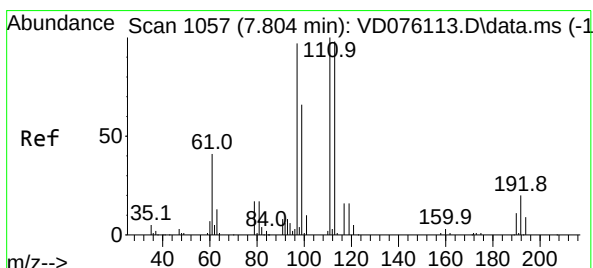
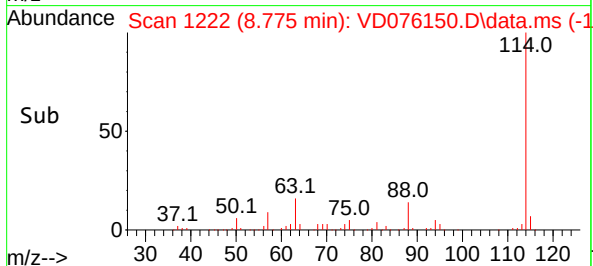
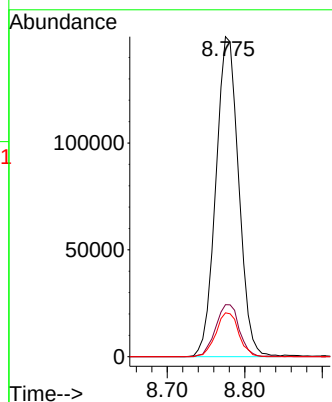
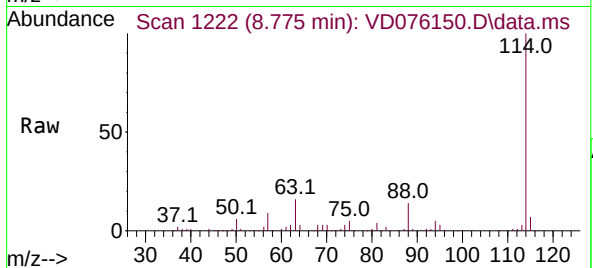




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 114
Delta R.T. 0.000 min
Lab File: VD076150.D
Acq: 19 May 2023 11:36

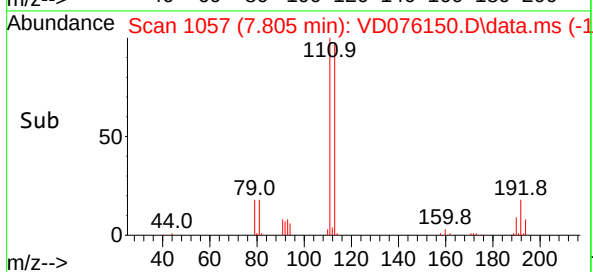
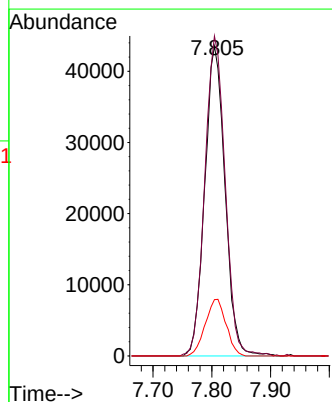
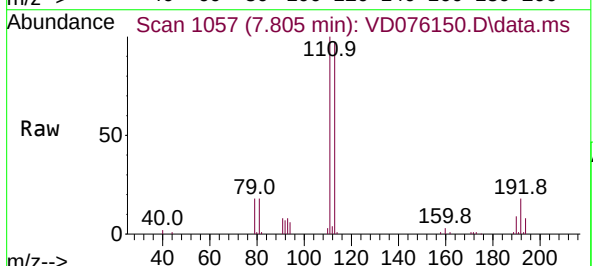
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBL01

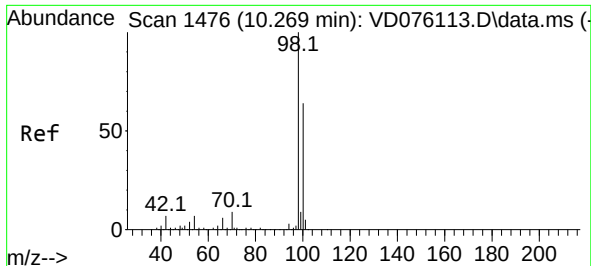
Tgt Ion:114 Resp: 306189
Ion Ratio Lower Upper
114 100
63 16.3 0.0 41.6
88 13.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.214 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076150.D
Acq: 19 May 2023 11:36

Tgt Ion:113 Resp: 104158
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 18.8 15.2 22.8

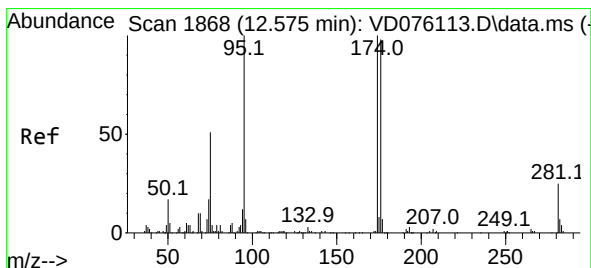
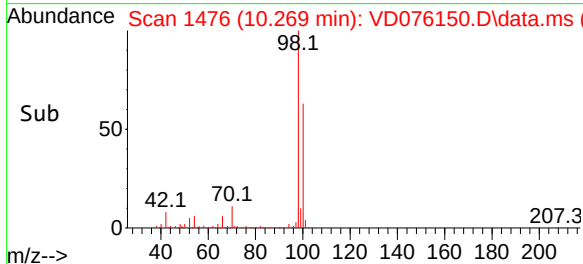
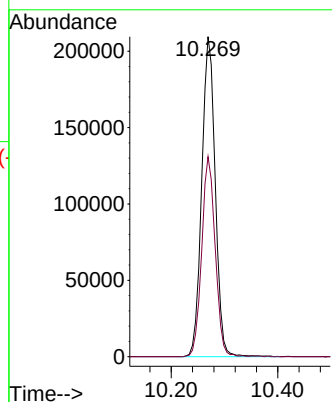
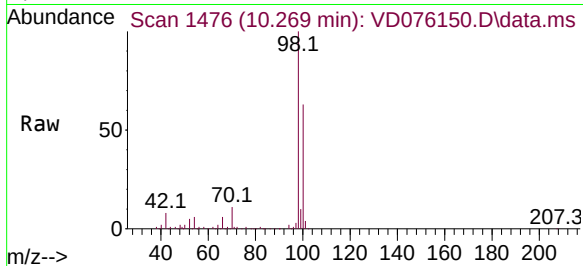




#50
Toluene-d8
Concen: 44.614 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076150.D
Acq: 19 May 2023 11:36

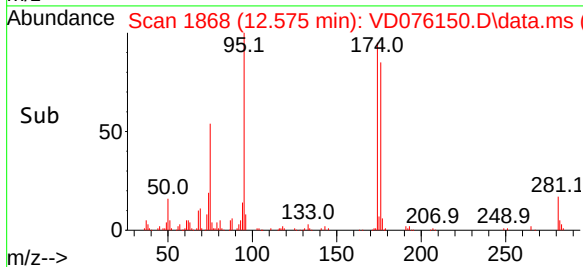
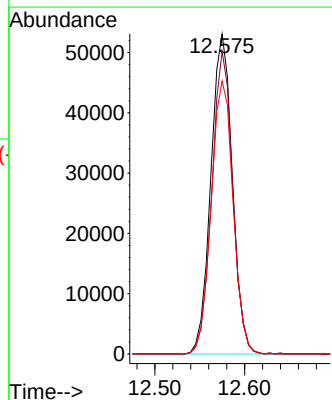
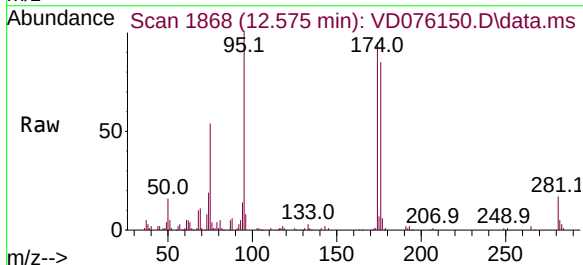
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBL01

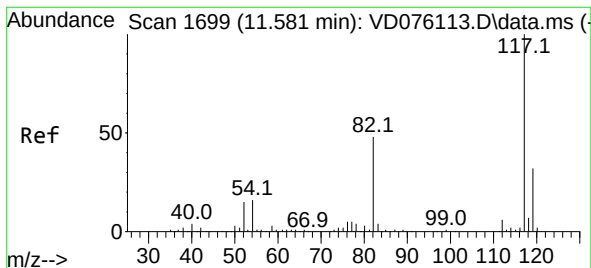
Tgt Ion: 98 Resp: 368083
Ion Ratio Lower Upper
98 100
100 62.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 38.292 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076150.D
Acq: 19 May 2023 11:36

Tgt Ion: 95 Resp: 87760
Ion Ratio Lower Upper
95 100
174 92.4 0.0 164.0
176 87.6 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076150.D

Acq: 19 May 2023 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBL01

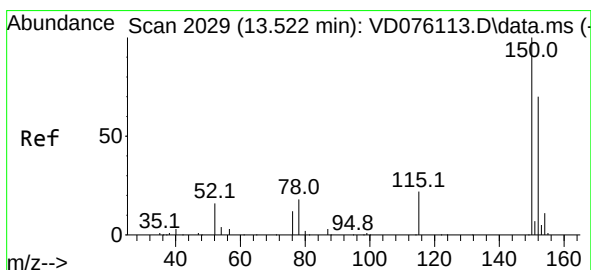
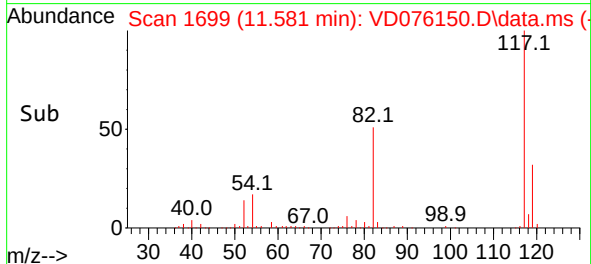
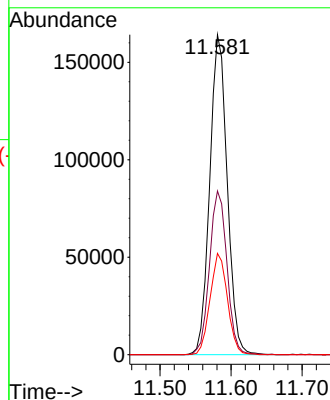
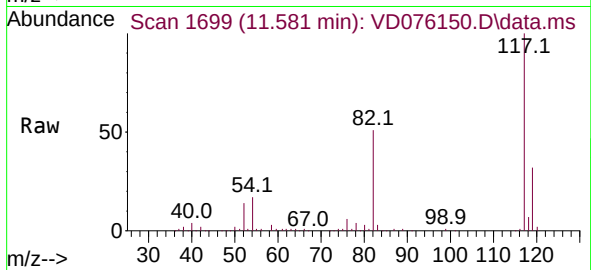
Tgt Ion:117 Resp: 280416

Ion Ratio Lower Upper

117 100

82 51.2 44.0 66.0

119 31.7 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD076150.D

Acq: 19 May 2023 11:36

Tgt Ion:152 Resp: 112274

Ion Ratio Lower Upper

152 100

115 54.5 30.1 90.3

150 159.9 0.0 364.8

