

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061423\
 Data File : VD076419.D
 Acq On : 14 Jun 2023 15:34
 Operator : KP/SY
 Sample : 03221-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-4194

Quant Time: Jun 15 05:33:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	55127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	109138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	127802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	76858	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	47063	73.913	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.820%
35) Dibromofluoromethane	7.799	113	47486	67.320	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	134.640%
50) Toluene-d8	10.269	98	106724	39.926	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.860%
62) 4-Bromofluorobenzene	12.575	95	62891	68.582	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	137.160%

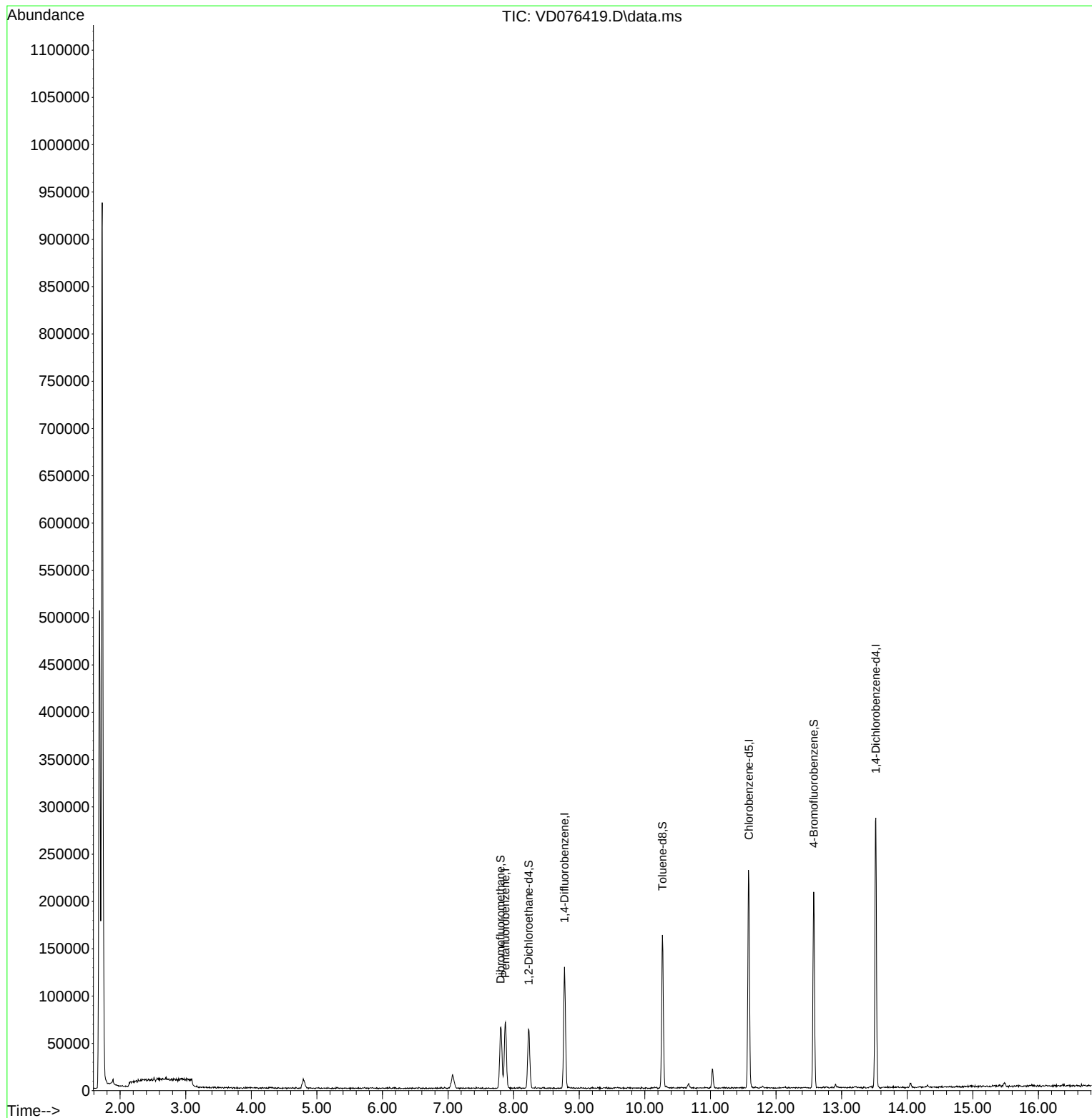
Target Compounds	Qvalue

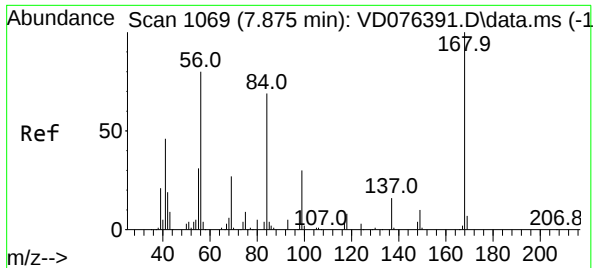
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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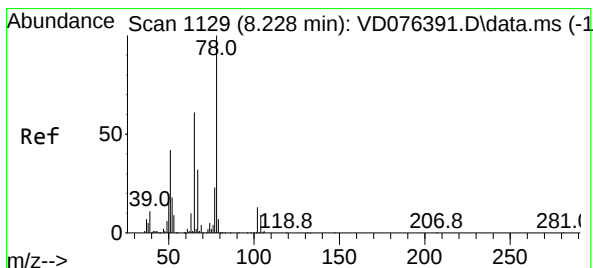
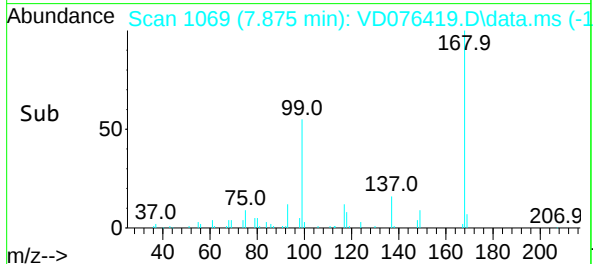
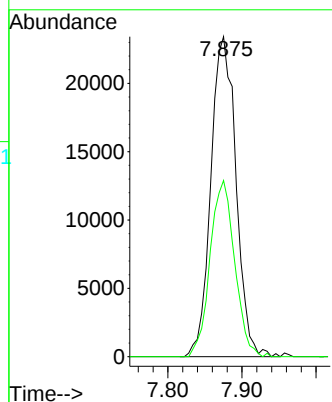
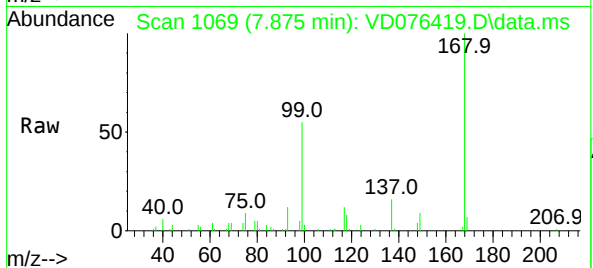




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076419.D
Acq: 14 Jun 2023 15:34

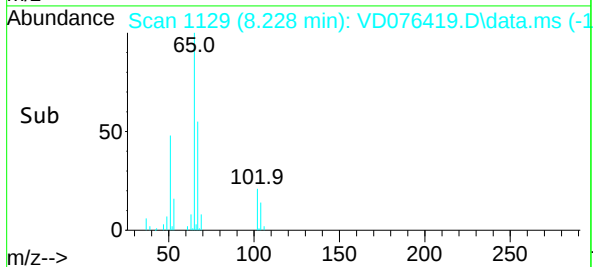
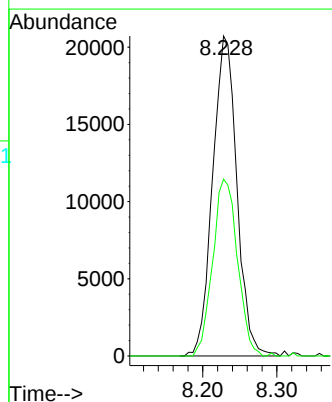
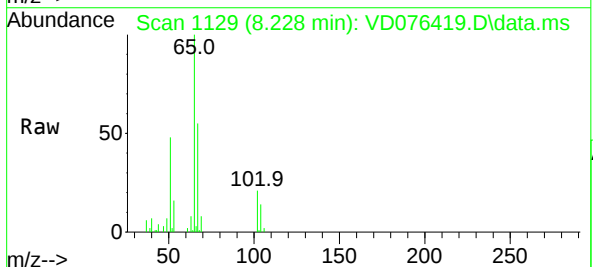
Instrument :
MSVOA_D
ClientSampleId :
RT-4194

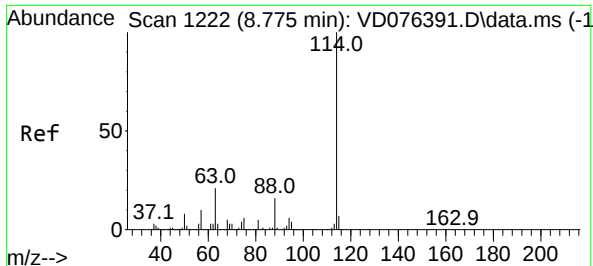
Tgt Ion:168 Resp: 55127
Ion Ratio Lower Upper
168 100
99 55.1 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 73.913 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076419.D
Acq: 14 Jun 2023 15:34

Tgt Ion: 65 Resp: 47063
Ion Ratio Lower Upper
65 100
67 56.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076419.D

Acq: 14 Jun 2023 15:34

Instrument :

MSVOA_D

ClientSampleId :

RT-4194

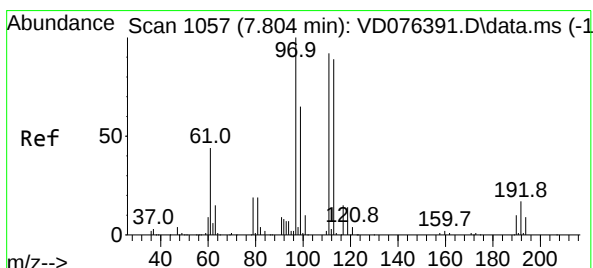
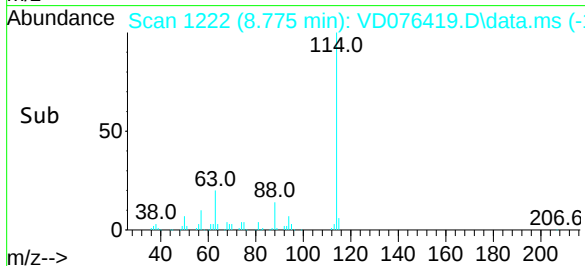
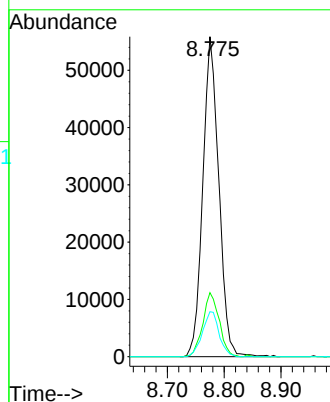
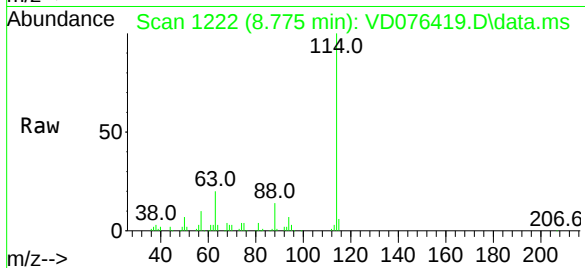
Tgt Ion:114 Resp: 109138

Ion Ratio Lower Upper

114 100

63 20.0 0.0 33.4

88 14.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 67.320 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076419.D

Acq: 14 Jun 2023 15:34

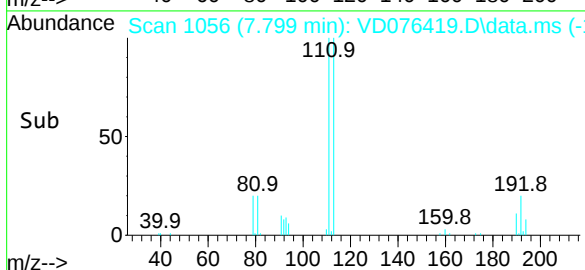
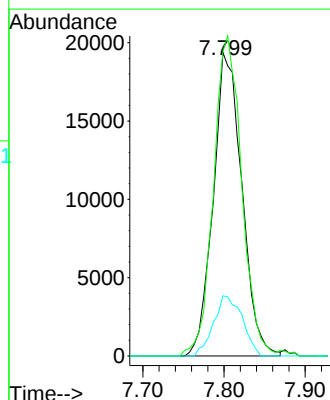
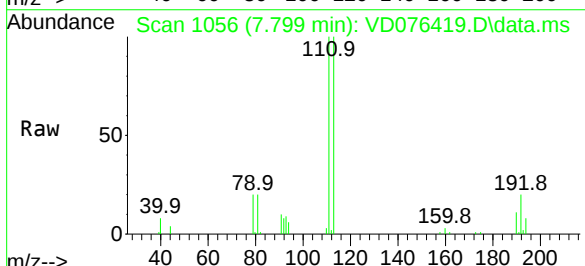
Tgt Ion:113 Resp: 47486

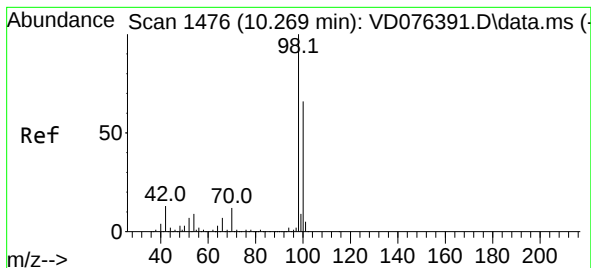
Ion Ratio Lower Upper

113 100

111 103.7 84.7 127.1

192 19.8 16.8 25.2





#50

Toluene-d8

Concen: 39.926 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076419.D

Acq: 14 Jun 2023 15:34

Instrument :

MSVOA_D

ClientSampleId :

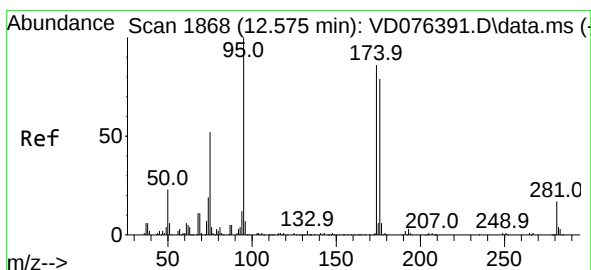
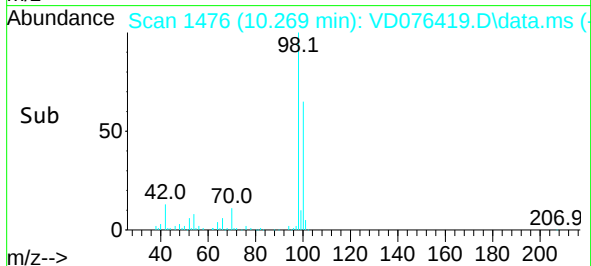
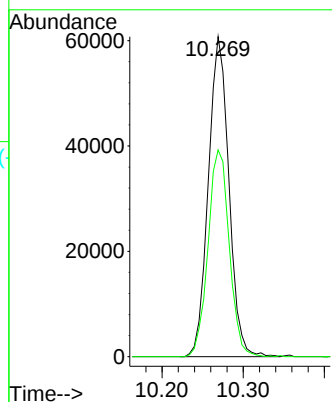
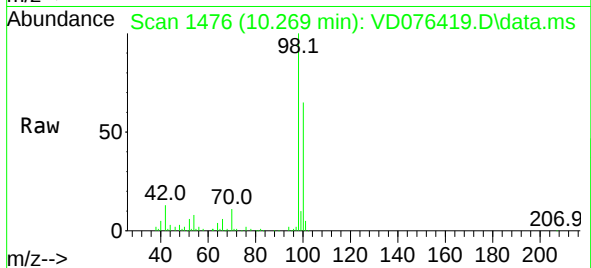
RT-4194

Tgt Ion: 98 Resp: 106724

Ion Ratio Lower Upper

98 100

100 66.7 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 68.582 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD076419.D

Acq: 14 Jun 2023 15:34

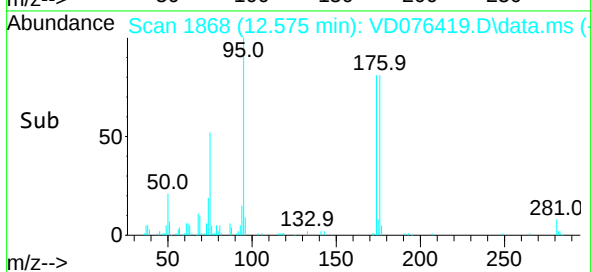
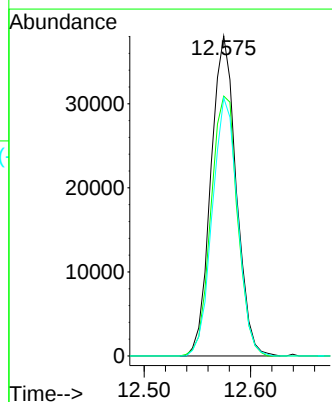
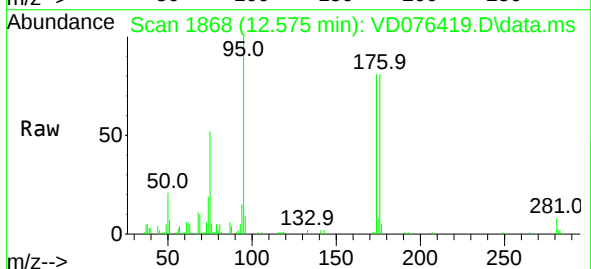
Tgt Ion: 95 Resp: 62891

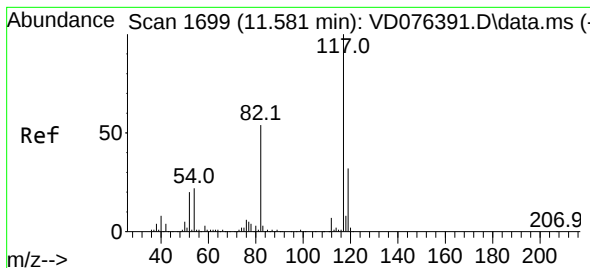
Ion Ratio Lower Upper

95 100

174 84.7 0.0 201.8

176 80.6 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: VD076419.D

Acq: 14 Jun 2023 15:34

Instrument :

MSVOA_D

ClientSampleId :

RT-4194

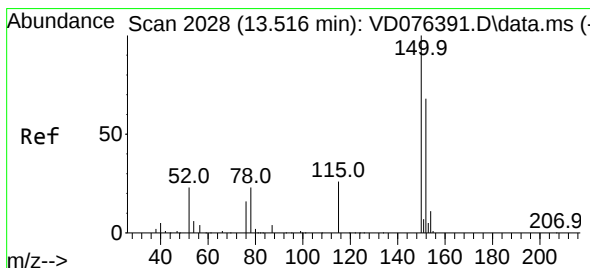
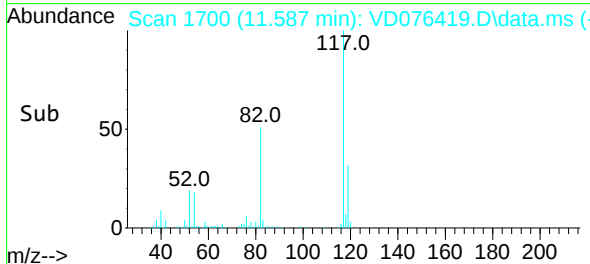
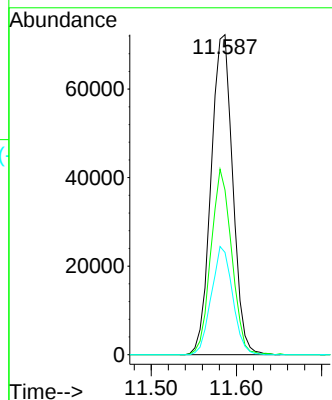
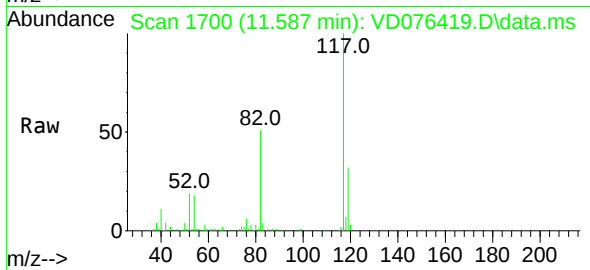
Tgt Ion:117 Resp: 127802

Ion Ratio Lower Upper

117 100

82 51.4 38.3 57.5

119 32.0 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: VD076419.D

Acq: 14 Jun 2023 15:34

Tgt Ion:152 Resp: 76858

Ion Ratio Lower Upper

152 100

115 56.8 27.1 81.3

150 154.7 0.0 353.6

