

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014027.D
 Acq On : 06 Jun 2023 13:52
 Operator : KP/MD
 Sample : 03018-11
 Misc : 3.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 278

Quant Time: Jun 07 01:37:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	158039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	266764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	250310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91908	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	109441	52.312	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.620%
35) Dibromofluoromethane	7.716	113	91821	54.162	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.320%
50) Toluene-d8	10.179	98	330743	51.146	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.300%
62) 4-Bromofluorobenzene	12.483	95	93407	42.369	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.740%

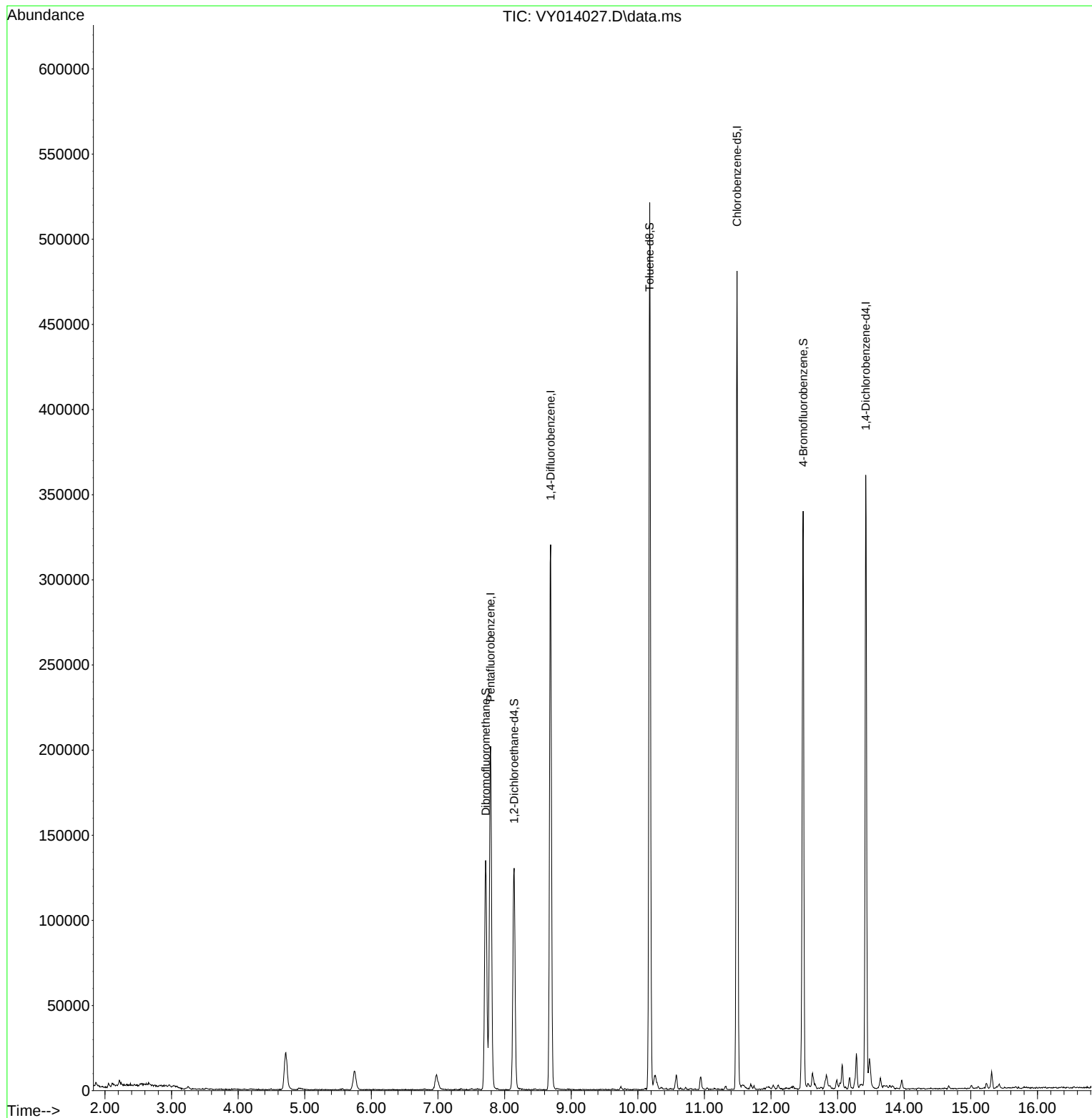
Target Compounds	Qvalue

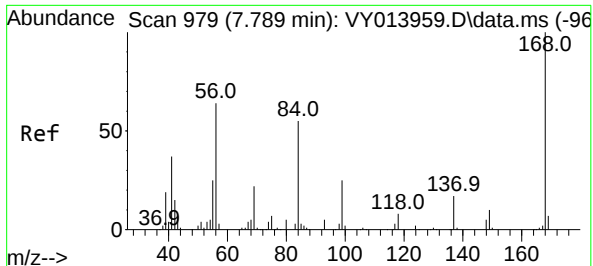
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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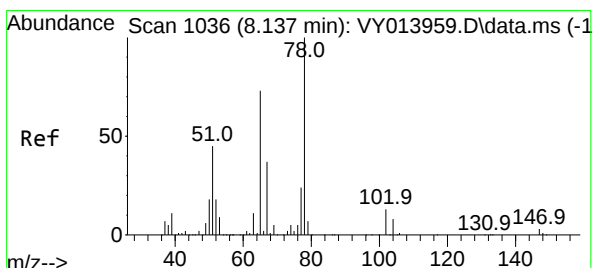
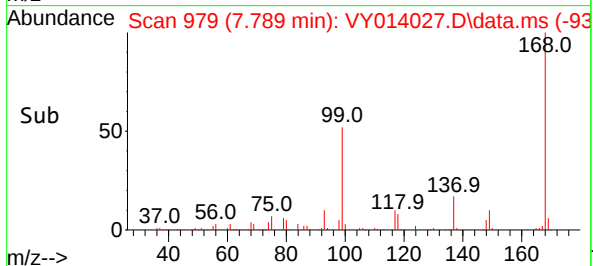
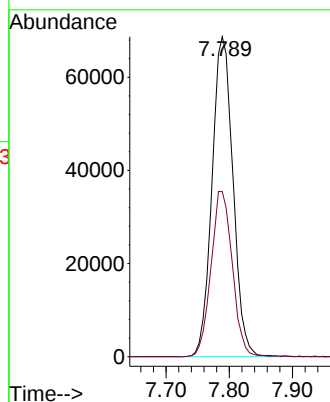
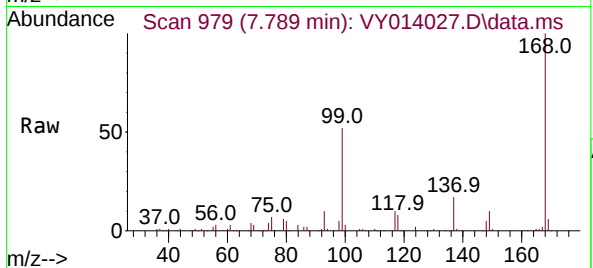




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014027.D
Acq: 06 Jun 2023 13:52

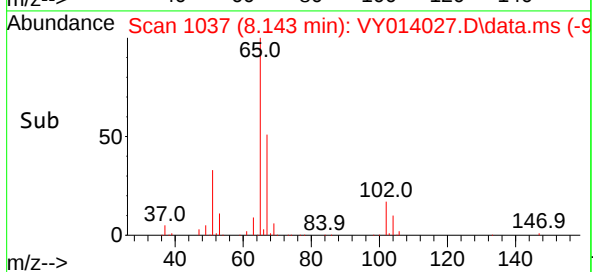
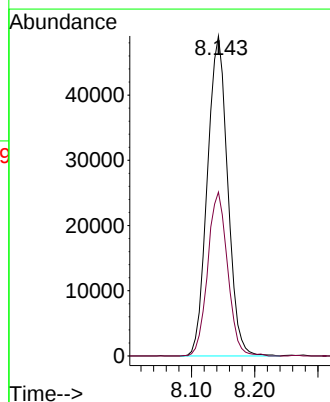
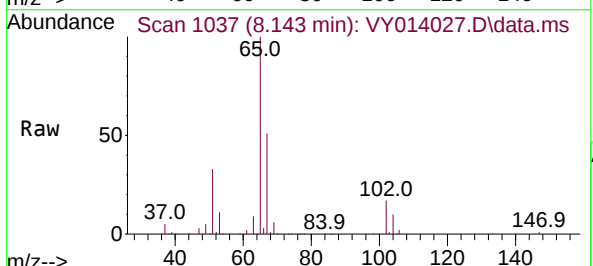
Instrument :
MSVOA_Y
ClientSampleId :
278

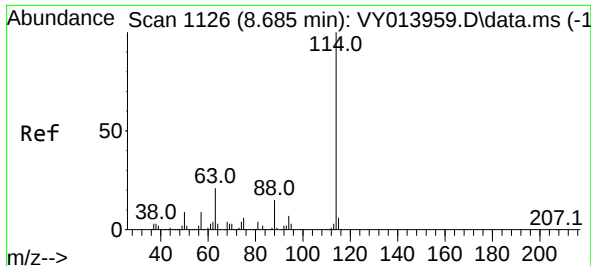
Tgt Ion:168 Resp: 158039
Ion Ratio Lower Upper
168 100
99 51.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 52.312 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014027.D
Acq: 06 Jun 2023 13:52

Tgt Ion: 65 Resp: 109441
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY014027.D

Acq: 06 Jun 2023 13:52

Instrument :

MSVOA_Y

ClientSampleId :

278

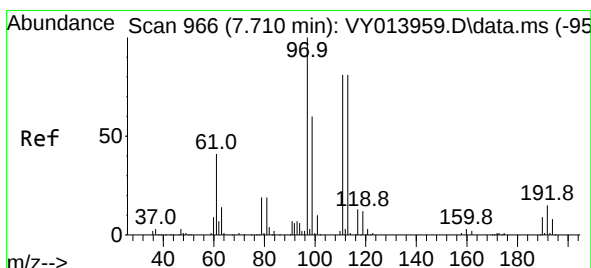
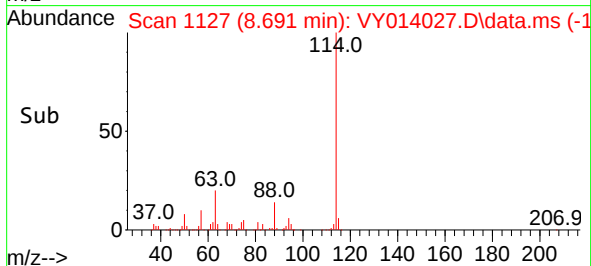
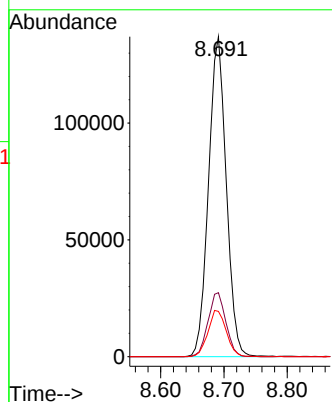
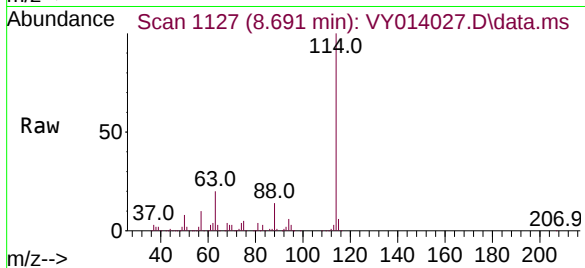
Tgt Ion:114 Resp: 266764

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.162 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY014027.D

Acq: 06 Jun 2023 13:52

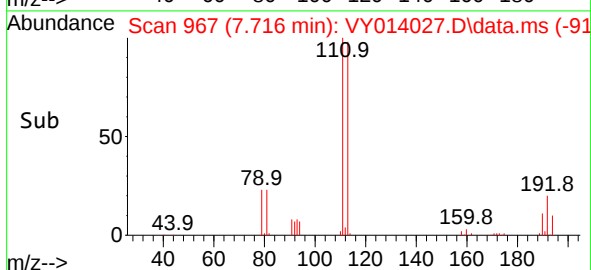
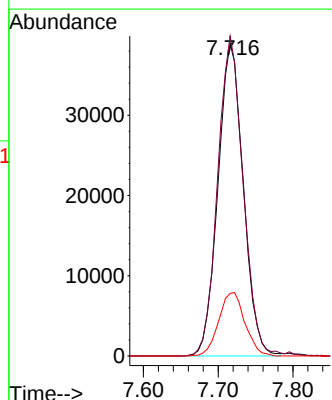
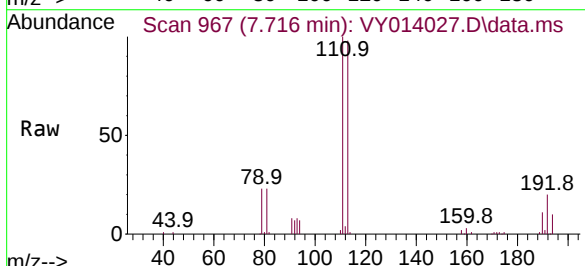
Tgt Ion:113 Resp: 91821

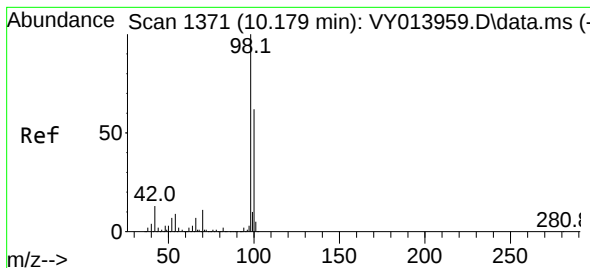
Ion Ratio Lower Upper

113 100

111 102.6 81.3 121.9

192 21.0 16.9 25.3





#50

Toluene-d8

Concen: 51.146 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014027.D

Acq: 06 Jun 2023 13:52

Instrument :

MSVOA_Y

ClientSampleId :

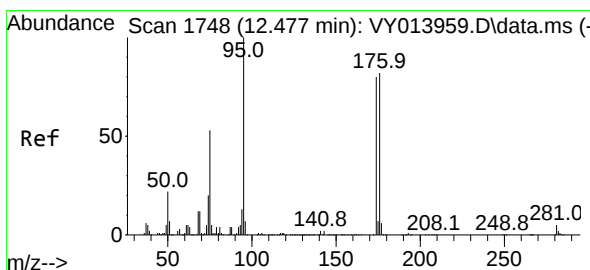
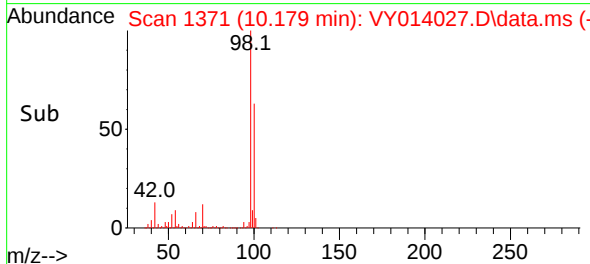
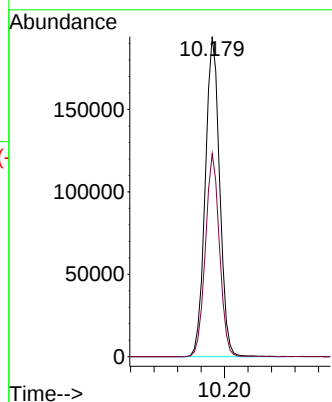
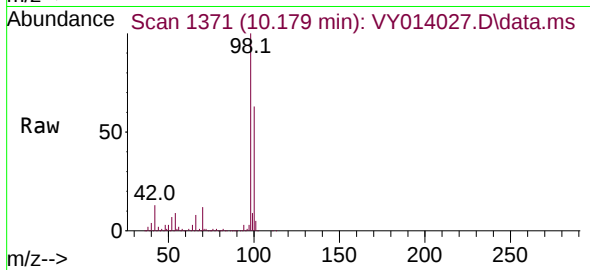
278

Tgt Ion: 98 Resp: 330743

Ion Ratio Lower Upper

98 100

100 61.9 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 42.369 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY014027.D

Acq: 06 Jun 2023 13:52

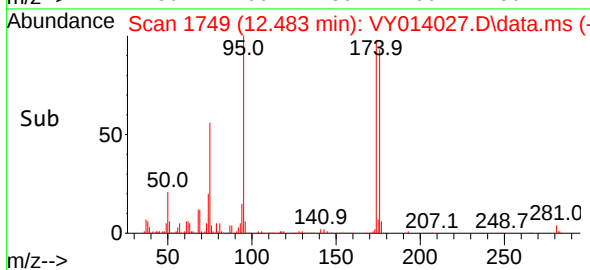
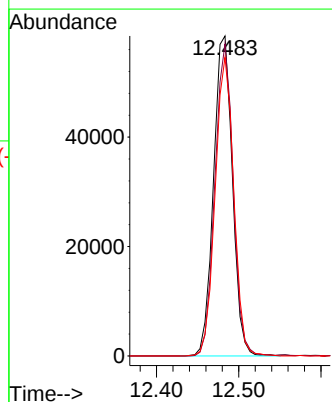
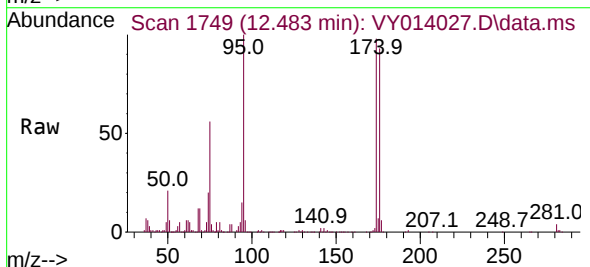
Tgt Ion: 95 Resp: 93407

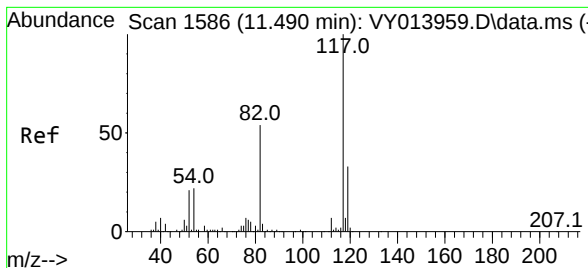
Ion Ratio Lower Upper

95 100

174 94.6 0.0 178.2

176 91.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014027.D

Acq: 06 Jun 2023 13:52

Instrument :

MSVOA_Y

ClientSampleId :

278

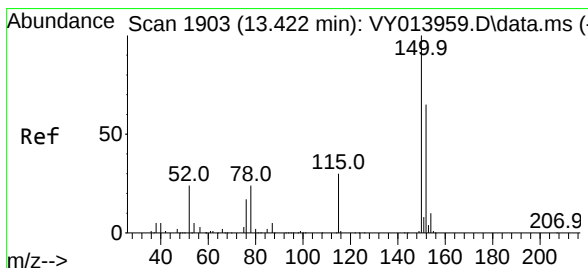
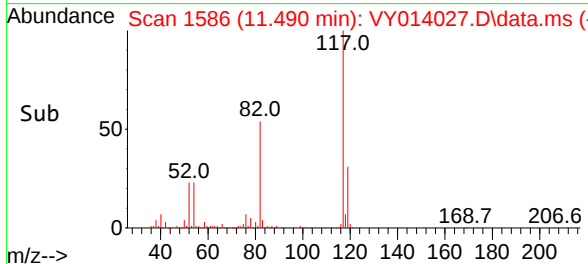
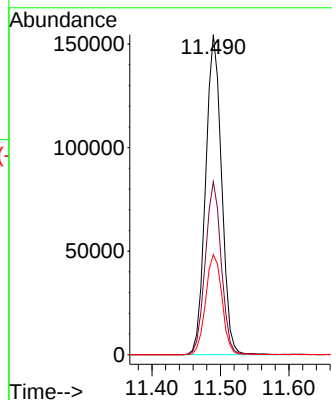
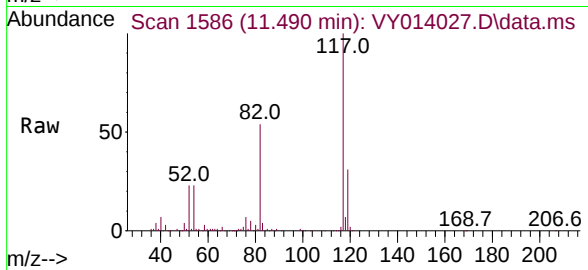
Tgt Ion:117 Resp: 250310

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

119 31.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014027.D

Acq: 06 Jun 2023 13:52

Tgt Ion:152 Resp: 91908

Ion Ratio Lower Upper

152 100

115 56.9 28.8 86.5

150 157.1 0.0 348.8

