

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015861.D
 Acq On : 06 Oct 2023 14:47
 Operator : SY/MD
 Sample : 04765-01
 Misc : 3.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-1

Quant Time: Oct 07 07:27:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	212262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	373170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	342305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155640	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	137581	65.881	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.760%
35) Dibromofluoromethane	7.716	113	120089	56.457	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.920%
50) Toluene-d8	10.179	98	433896	62.828	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	125.660%
62) 4-Bromofluorobenzene	12.483	95	148795	52.711	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.420%

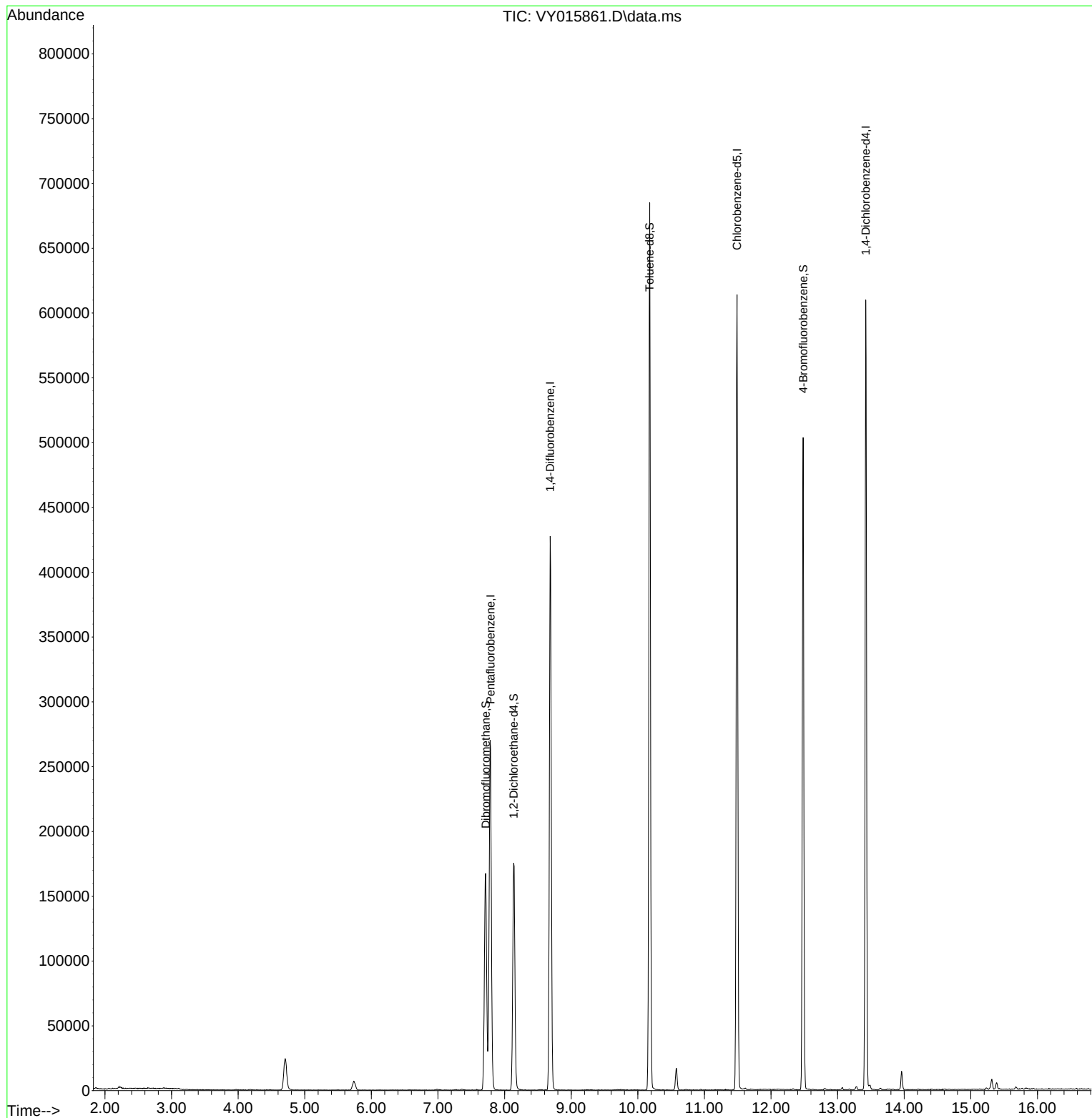
Target Compounds	Qvalue

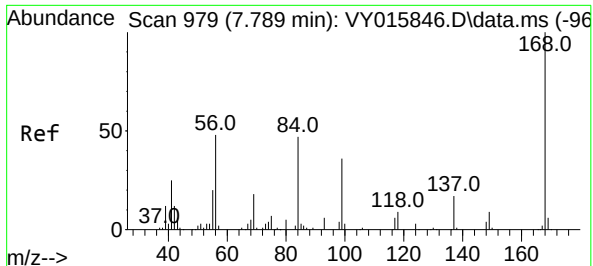
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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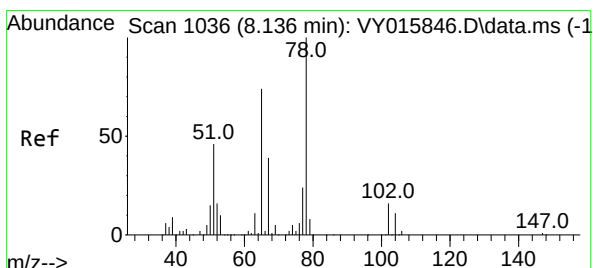
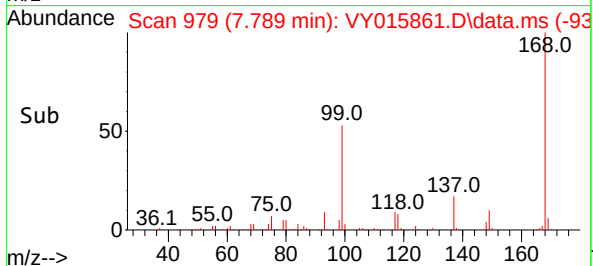
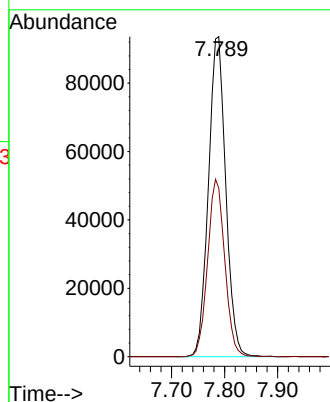
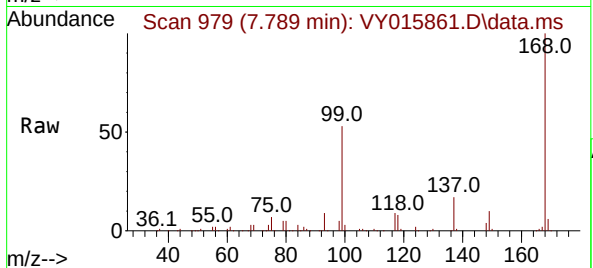




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015861.D
Acq: 06 Oct 2023 14:47

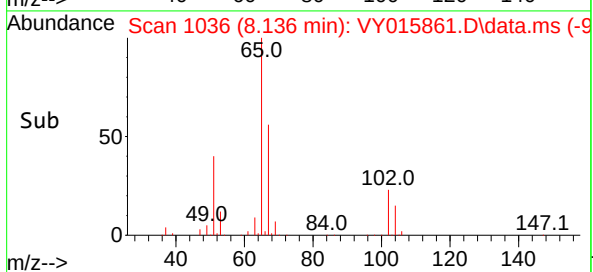
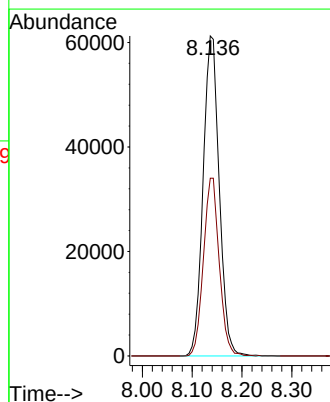
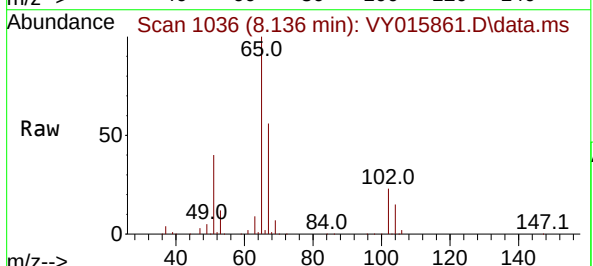
Instrument :
MSVOA_Y
ClientSampleId :
TT-1

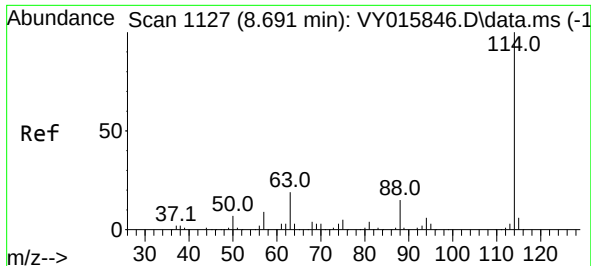
Tgt Ion:168 Resp: 212262
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 65.881 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015861.D
Acq: 06 Oct 2023 14:47

Tgt Ion: 65 Resp: 137581
Ion Ratio Lower Upper
65 100
67 54.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY015861.D

Acq: 06 Oct 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :

TT-1

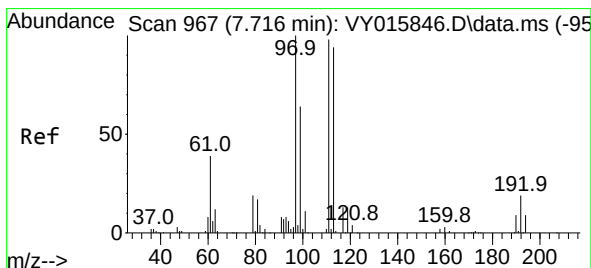
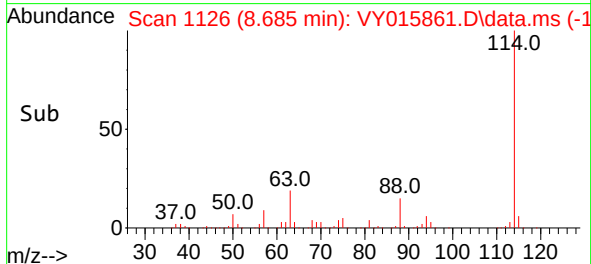
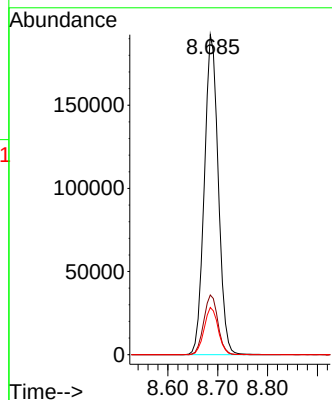
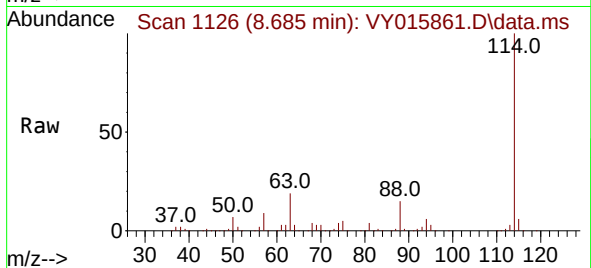
Tgt Ion:114 Resp: 373170

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.457 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015861.D

Acq: 06 Oct 2023 14:47

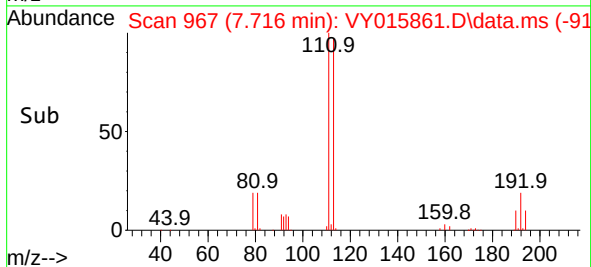
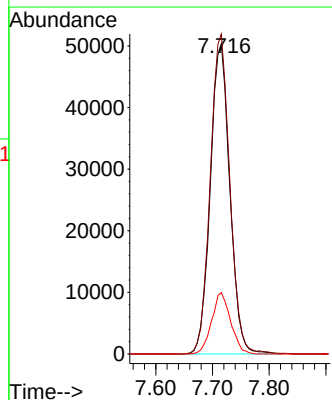
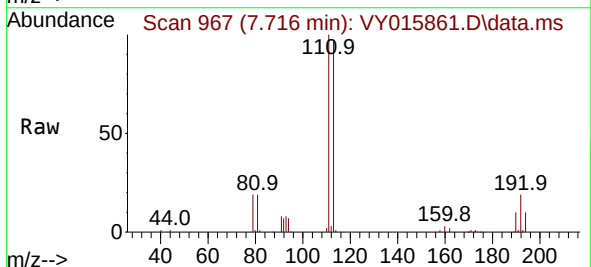
Tgt Ion:113 Resp: 120089

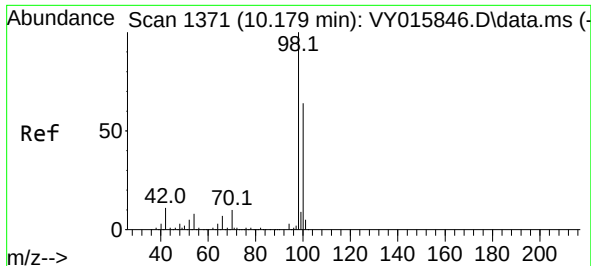
Ion Ratio Lower Upper

113 100

111 103.6 81.3 121.9

192 19.2 16.9 25.3

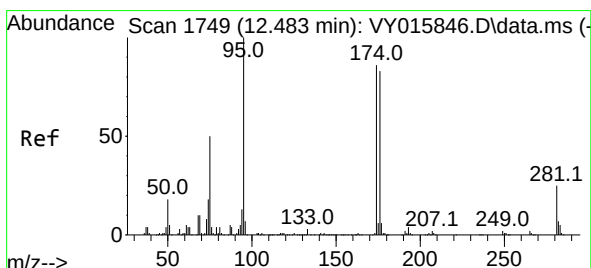
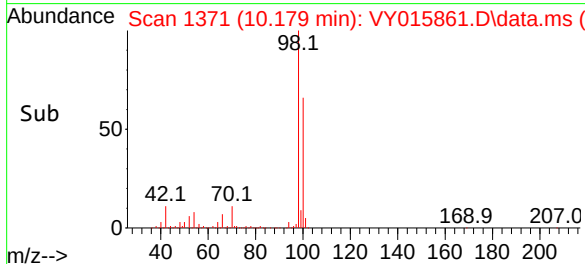
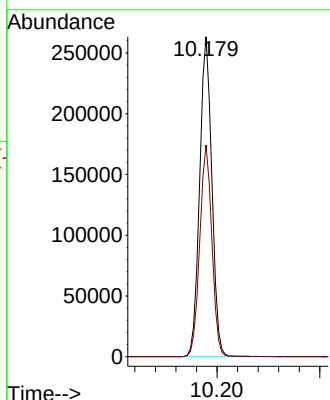
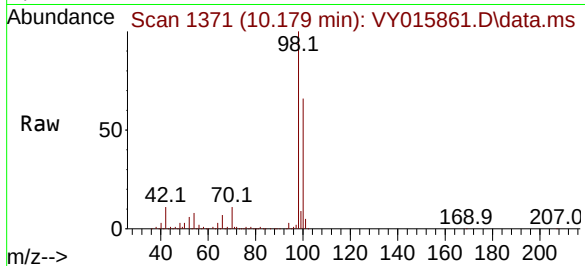




#50
Toluene-d8
Concen: 62.828 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015861.D
Acq: 06 Oct 2023 14:47

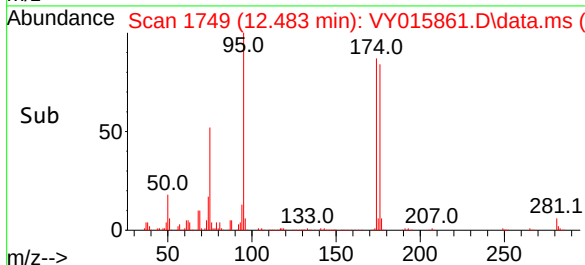
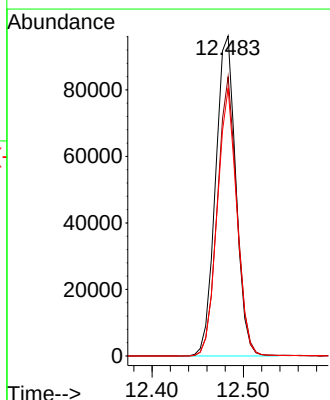
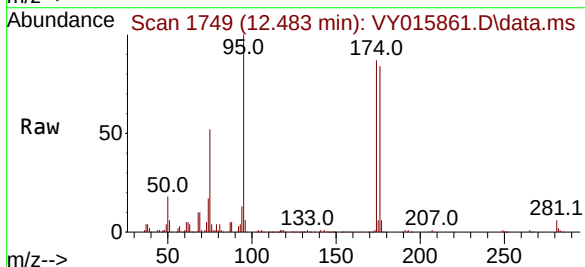
Instrument :
MSVOA_Y
ClientSampleId :
TT-1

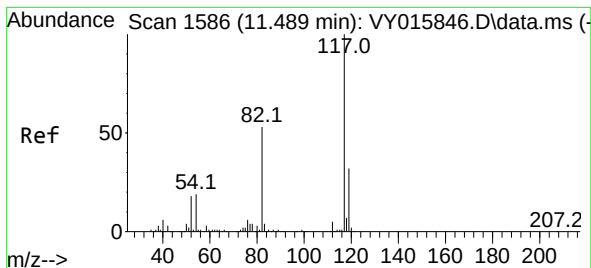
Tgt Ion: 98 Resp: 433896
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.711 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015861.D
Acq: 06 Oct 2023 14:47

Tgt Ion: 95 Resp: 148795
Ion Ratio Lower Upper
95 100
174 83.8 0.0 178.2
176 80.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015861.D

Acq: 06 Oct 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :

TT-1

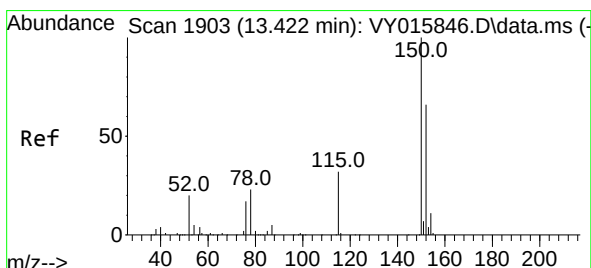
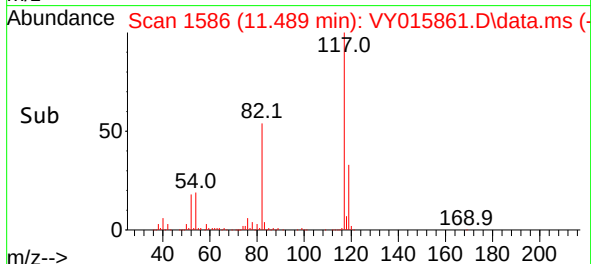
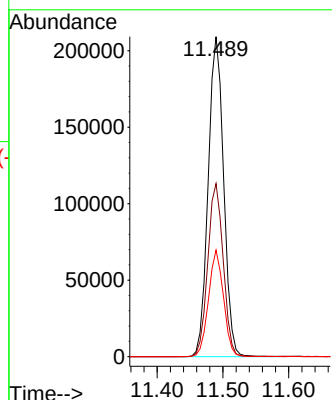
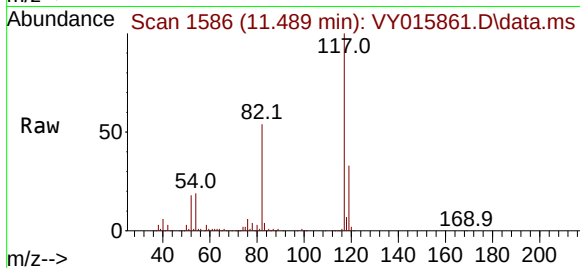
Tgt Ion:117 Resp: 342305

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 33.3 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: VY015861.D

Acq: 06 Oct 2023 14:47

Tgt Ion:152 Resp: 155640

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 156.3 0.0 348.8

