

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092923\
 Data File : VY015763.D
 Acq On : 29 Sep 2023 19:02
 Operator : SY/MD
 Sample : 04657-04
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 U-1(2-6IN)

Quant Time: Sep 30 01:16:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	120209	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	210594	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	193422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	80412	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	84566	63.938	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.880%
35) Dibromofluoromethane	7.728	113	69906	55.460	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.920%
50) Toluene-d8	10.185	98	251292	58.798	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	117.600%
62) 4-Bromofluorobenzene	12.489	95	78447	46.773	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.540%

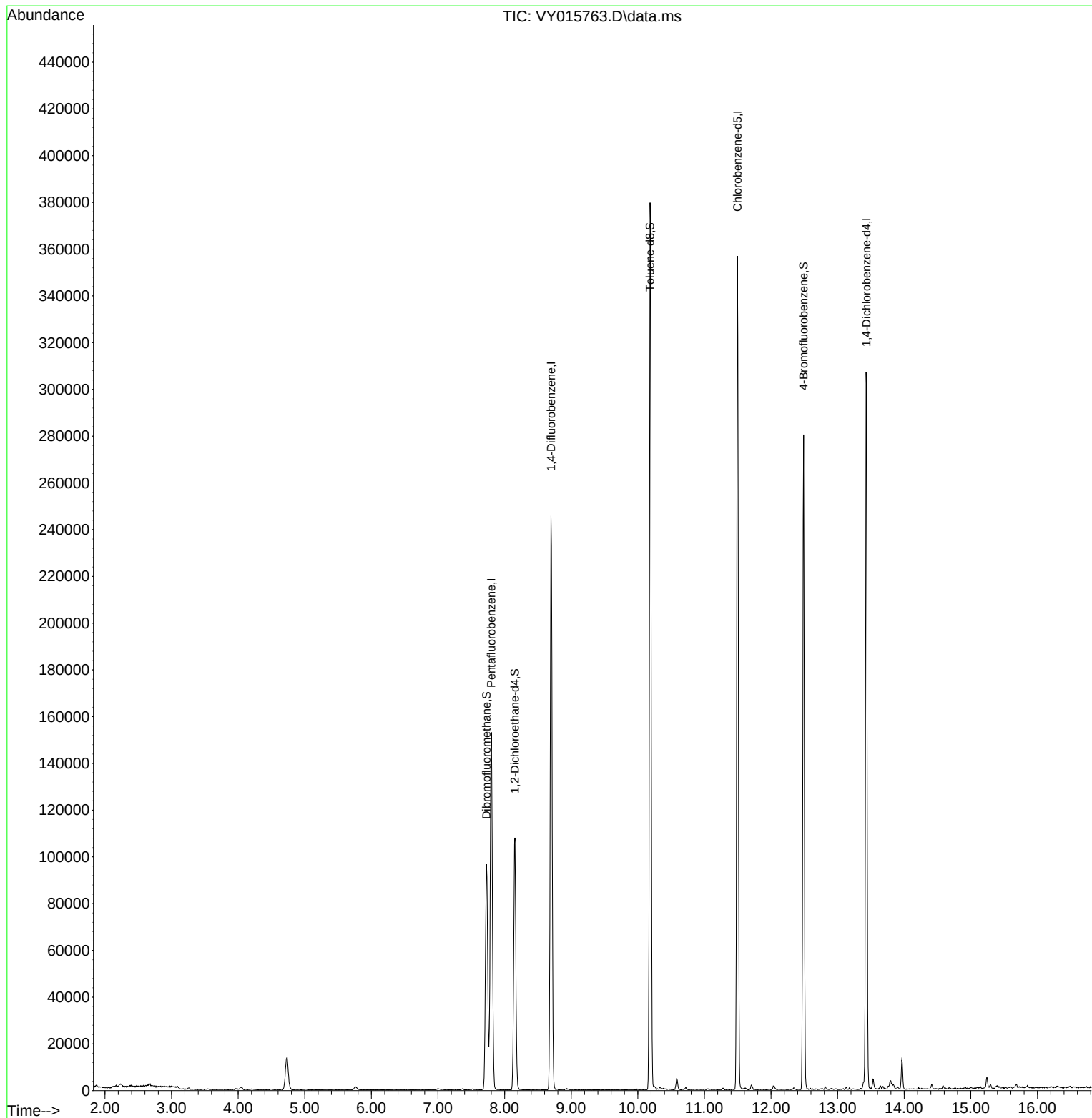
Target Compounds	Qvalue

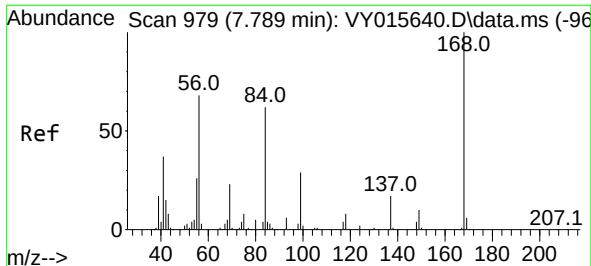
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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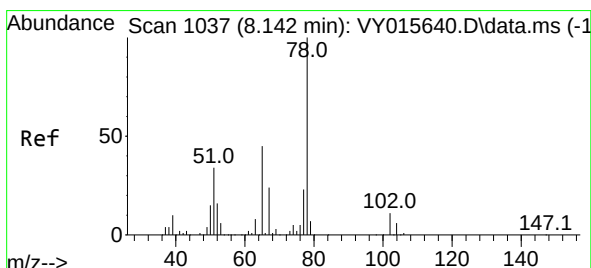
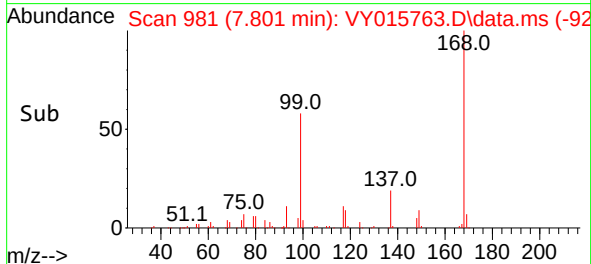
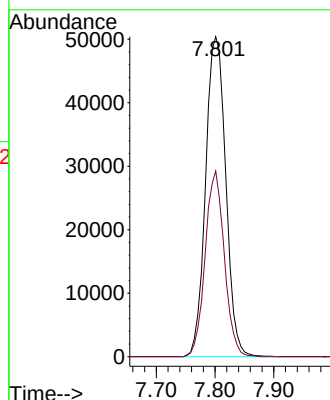
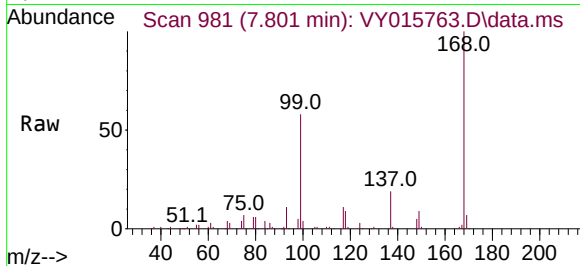




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015763.D
Acq: 29 Sep 2023 19:02

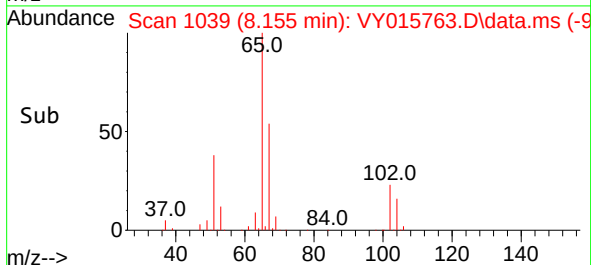
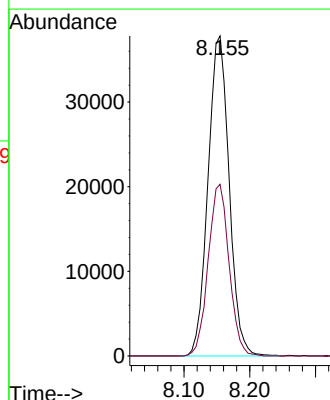
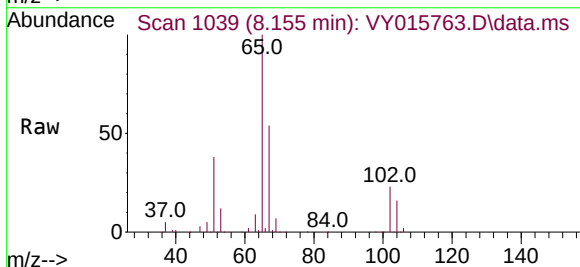
Instrument :
MSVOA_Y
ClientSampleId :
U-1(2-6IN)

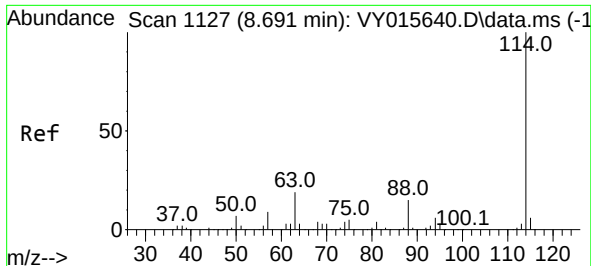
Tgt Ion:168 Resp: 120209
Ion Ratio Lower Upper
168 100
99 58.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 63.938 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.019 min
Lab File: VY015763.D
Acq: 29 Sep 2023 19:02

Tgt Ion: 65 Resp: 84566
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.012 min

Lab File: VY015763.D

Acq: 29 Sep 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

U-1(2-6IN)

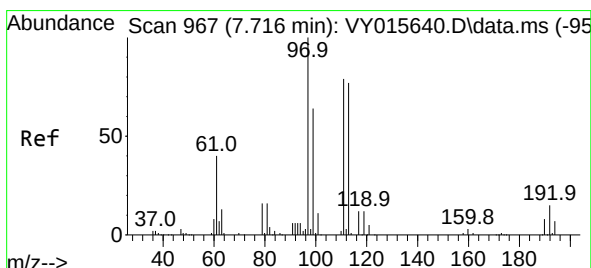
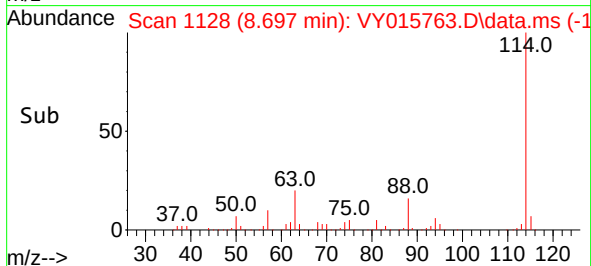
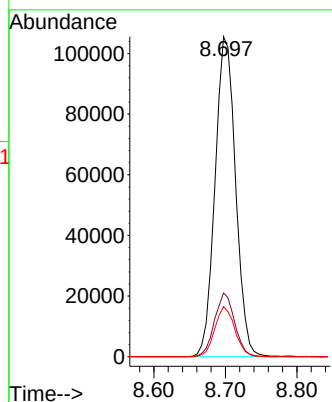
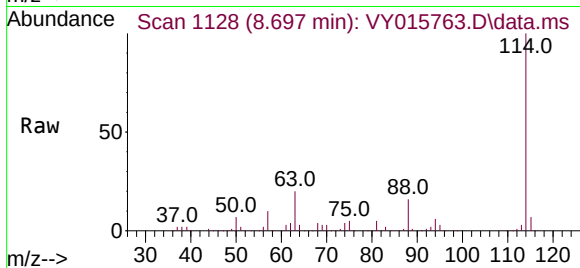
Tgt Ion:114 Resp: 210594

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.460 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY015763.D

Acq: 29 Sep 2023 19:02

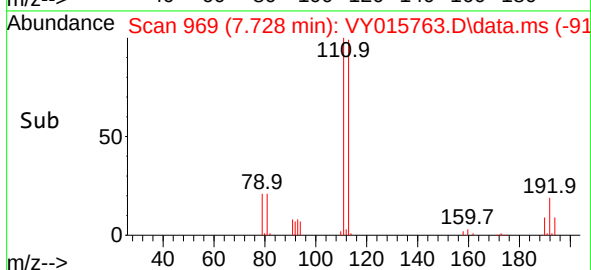
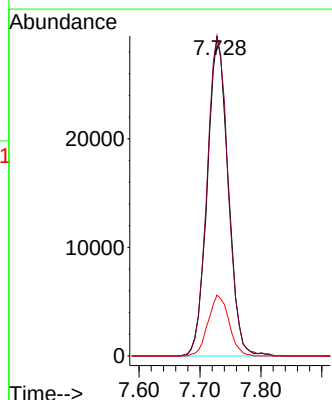
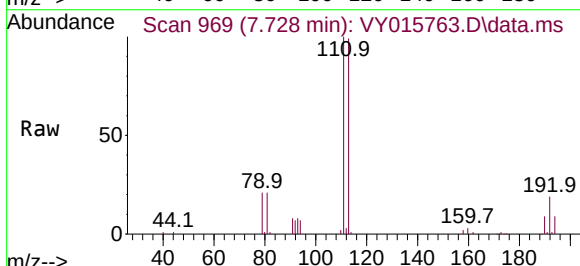
Tgt Ion:113 Resp: 69906

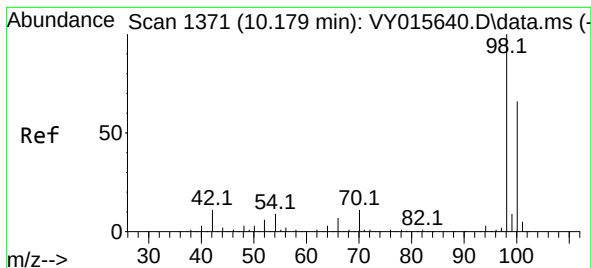
Ion Ratio Lower Upper

113 100

111 101.4 81.3 121.9

192 19.1 16.9 25.3





#50

Toluene-d8

Concen: 58.798 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015763.D

Acq: 29 Sep 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

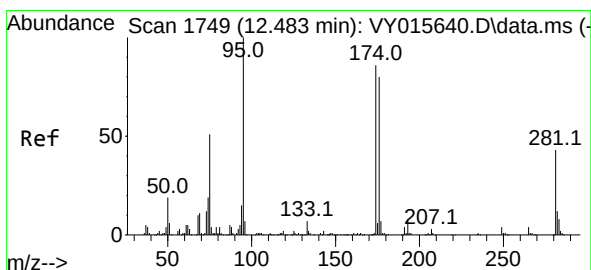
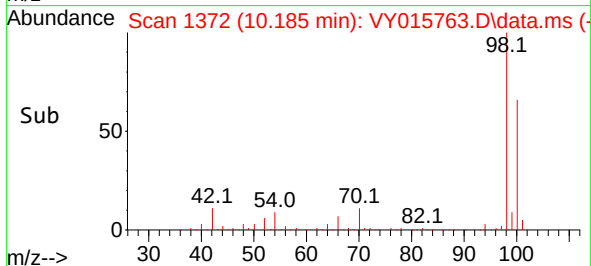
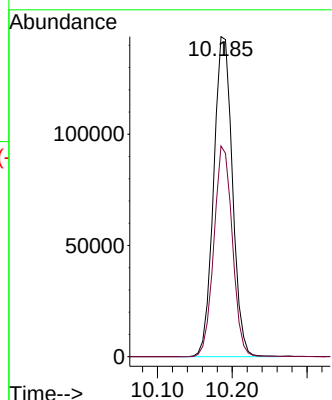
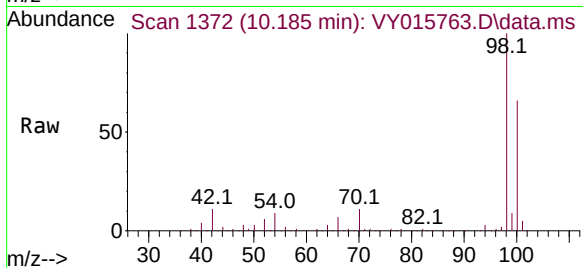
U-1(2-6IN)

Tgt Ion: 98 Resp: 251292

Ion Ratio Lower Upper

98 100

100 64.6 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 46.773 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.012 min

Lab File: VY015763.D

Acq: 29 Sep 2023 19:02

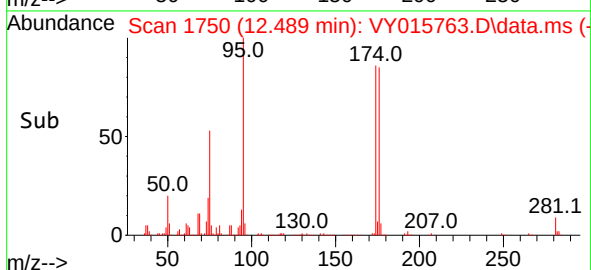
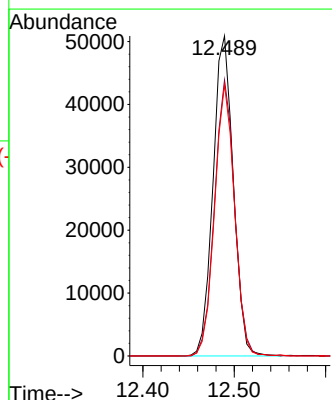
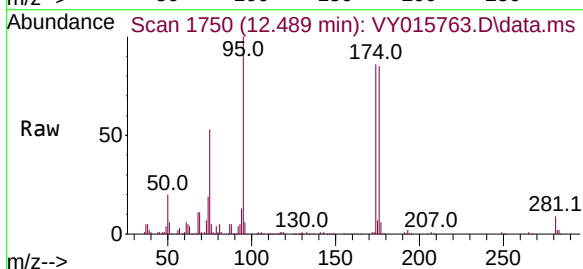
Tgt Ion: 95 Resp: 78447

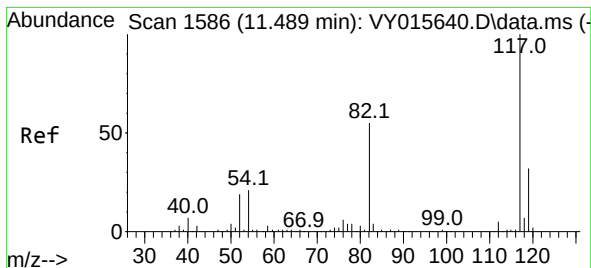
Ion Ratio Lower Upper

95 100

174 85.7 0.0 178.2

176 83.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015763.D

Acq: 29 Sep 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

U-1(2-6IN)

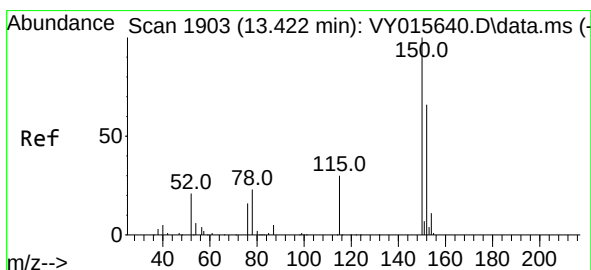
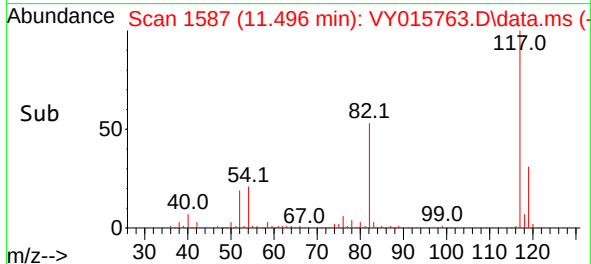
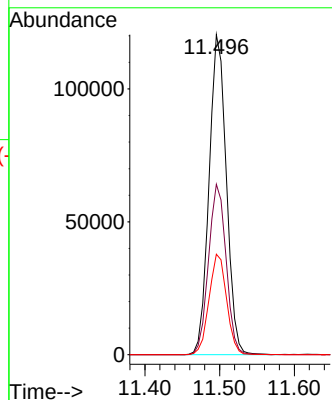
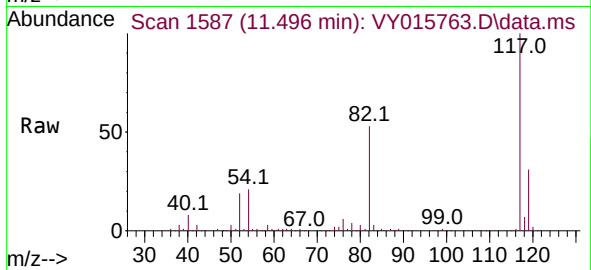
Tgt Ion:117 Resp: 193422

Ion Ratio Lower Upper

117 100

82 53.3 43.4 65.0

119 31.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.012 min

Lab File: VY015763.D

Acq: 29 Sep 2023 19:02

Tgt Ion:152 Resp: 80412

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 155.5 0.0 348.8

