

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016883.D
 Acq On : 27 Dec 2023 17:20
 Operator : SY/MD
 Sample : 06031-01
 Misc : 6.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MR-321-0-2

Quant Time: Dec 28 03:47:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	54795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	110063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	107553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	40087	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	29934	59.842	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.680%
35) Dibromofluoromethane	7.728	113	31250	49.566	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.140%
50) Toluene-d8	10.191	98	108051	47.542	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.080%
62) 4-Bromofluorobenzene	12.489	95	33486	45.414	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.820%

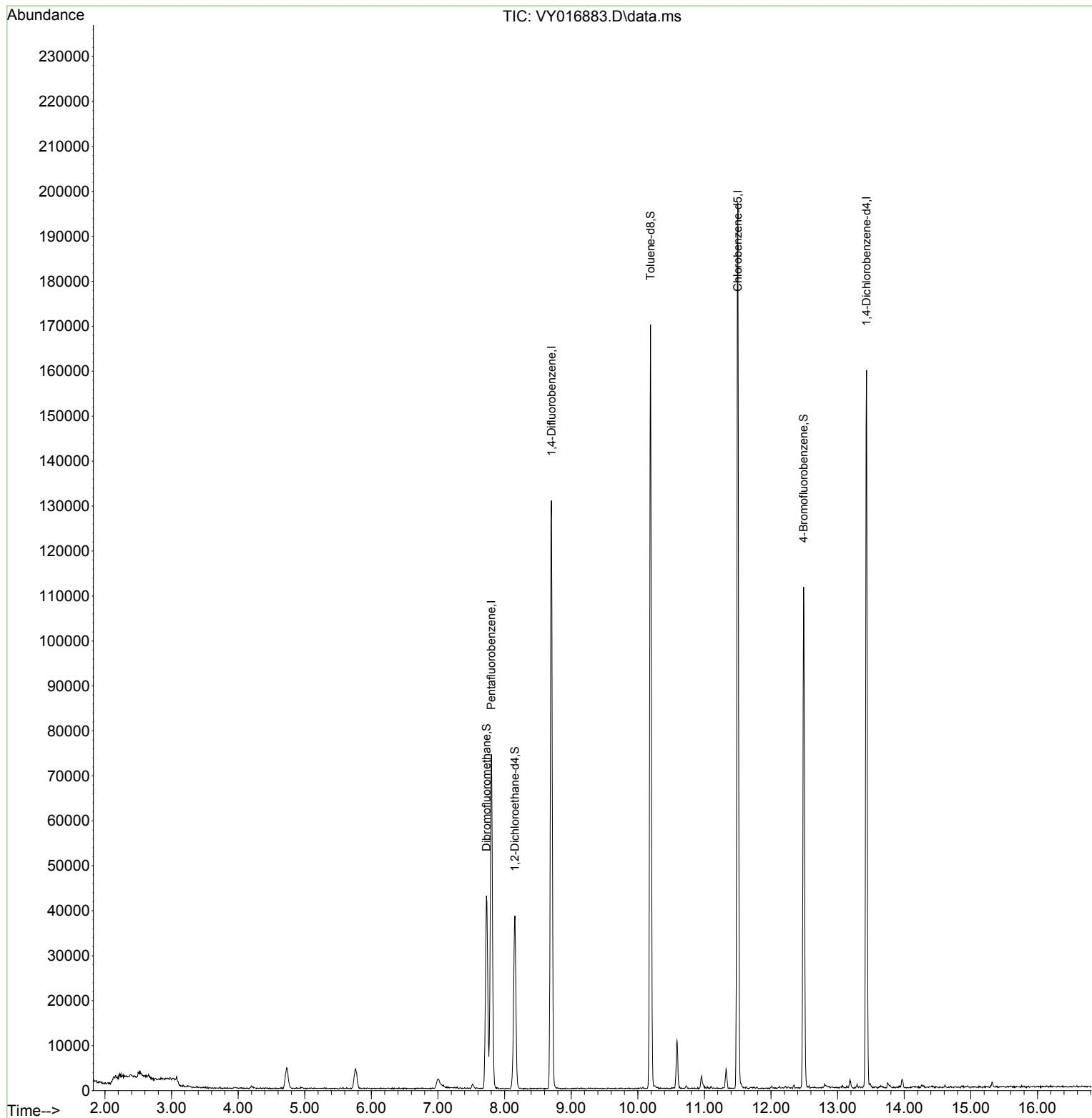
Target Compounds	Qvalue

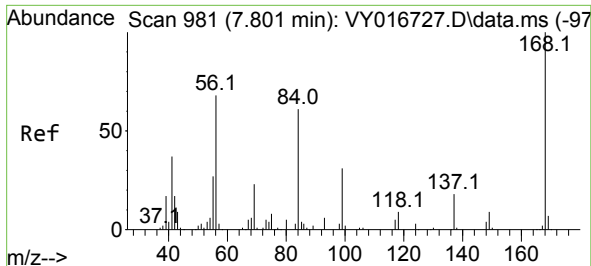
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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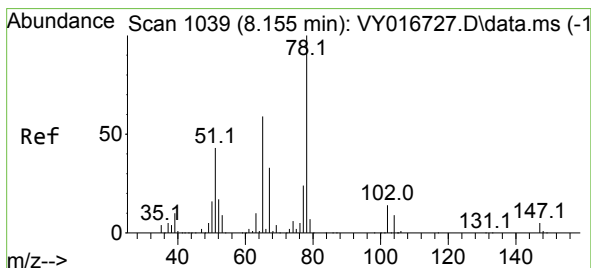
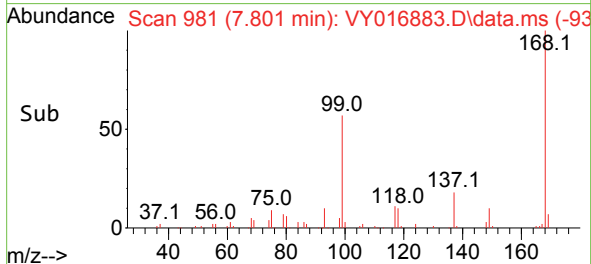
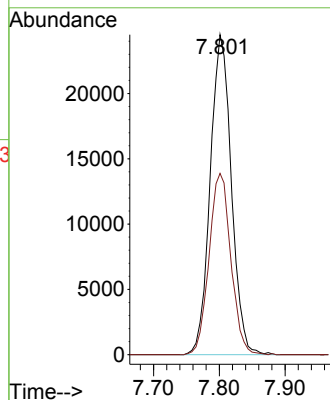
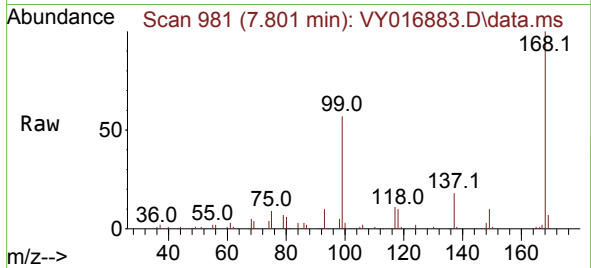




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016883.D
Acq: 27 Dec 2023 17:20

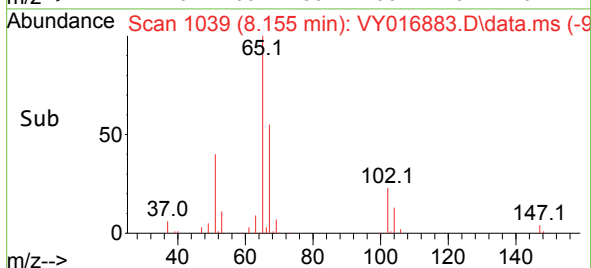
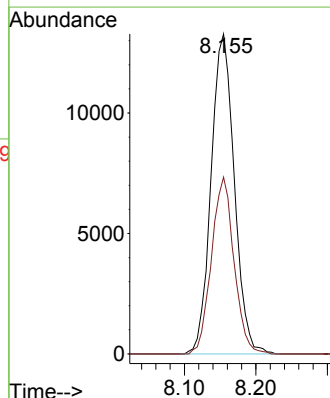
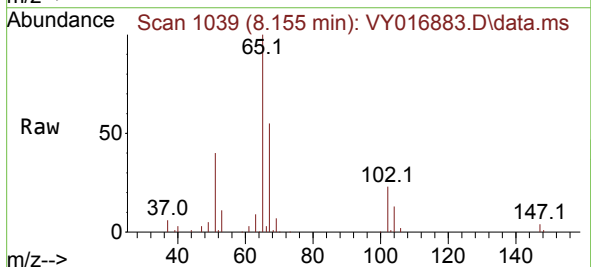
Instrument :
MSVOA_Y
ClientSampleId :
MR-321-0-2

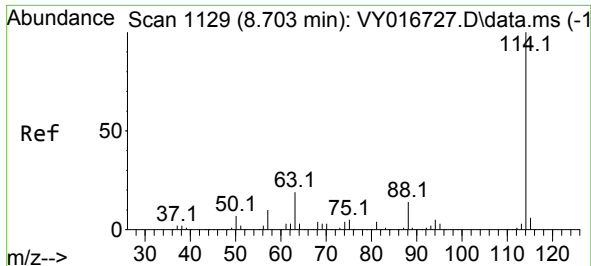
Tgt Ion:168 Resp: 54795
Ion Ratio Lower Upper
168 100
99 56.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 59.842 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY016883.D
Acq: 27 Dec 2023 17:20

Tgt Ion: 65 Resp: 29934
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016883.D

Acq: 27 Dec 2023 17:20

Instrument :

MSVOA_Y

ClientSampleId :

MR-321-0-2

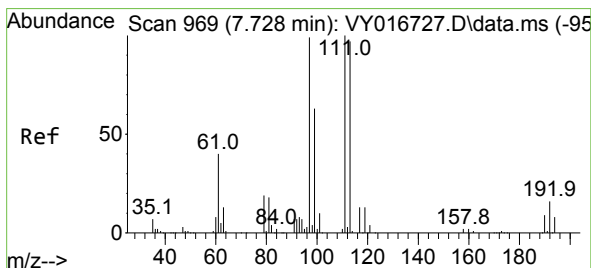
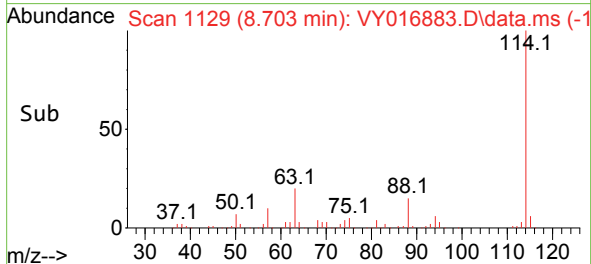
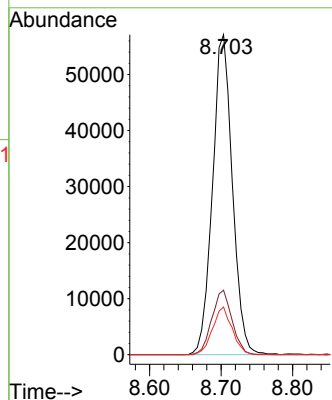
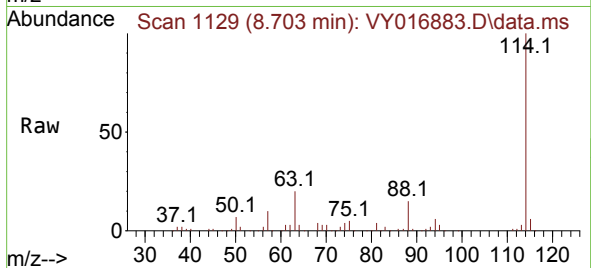
Tgt Ion:114 Resp: 110063

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 49.566 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY016883.D

Acq: 27 Dec 2023 17:20

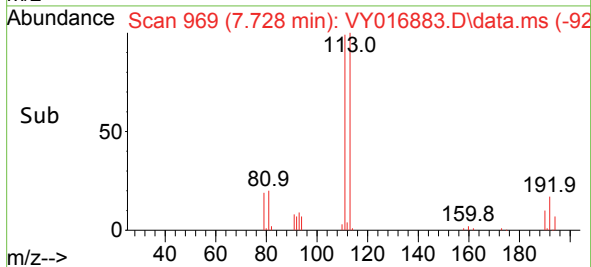
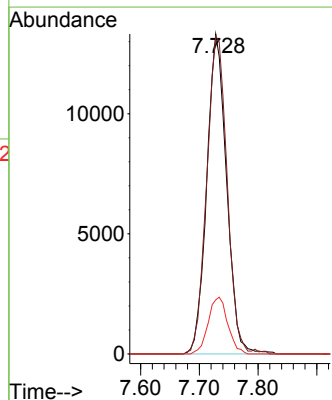
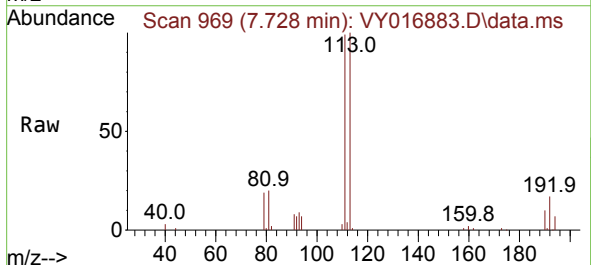
Tgt Ion:113 Resp: 31250

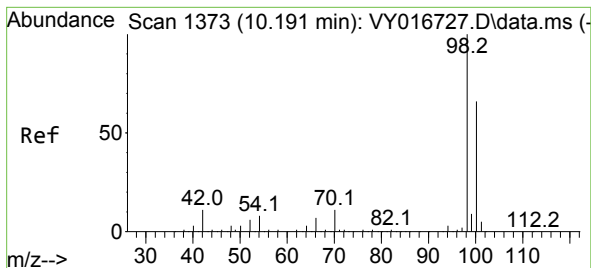
Ion Ratio Lower Upper

113 100

111 101.5 83.8 125.6

192 17.5 14.5 21.7





#50

Toluene-d8

Concen: 47.542 ug/l

RT: 10.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016883.D

Acq: 27 Dec 2023 17:20

Instrument :

MSVOA_Y

ClientSampleId :

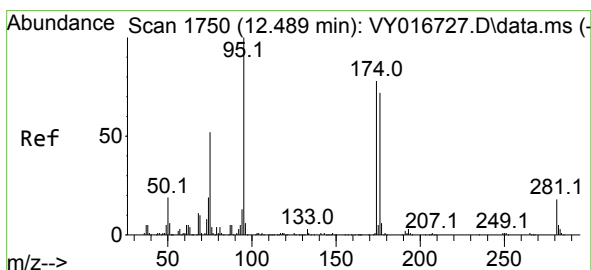
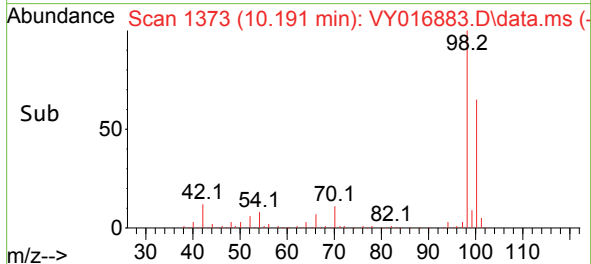
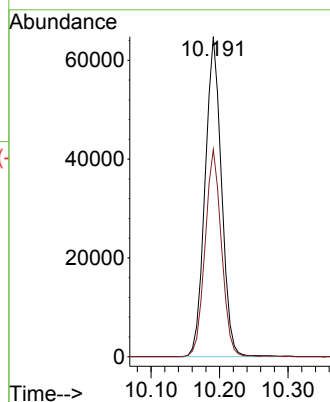
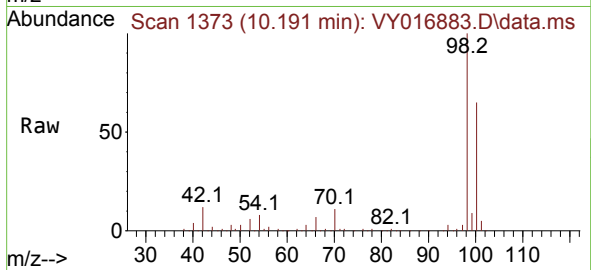
MR-321-0-2

Tgt Ion: 98 Resp: 108051

Ion Ratio Lower Upper

98 100

100 64.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 45.414 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY016883.D

Acq: 27 Dec 2023 17:20

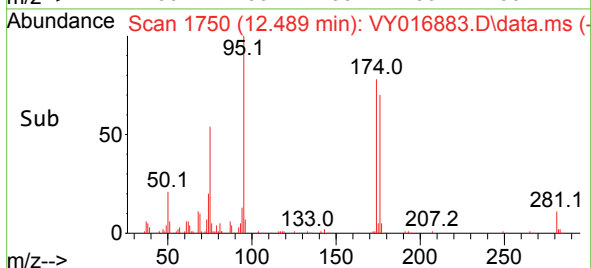
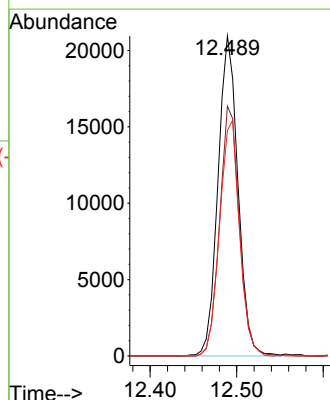
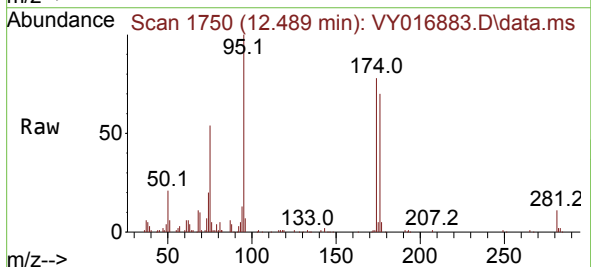
Tgt Ion: 95 Resp: 33486

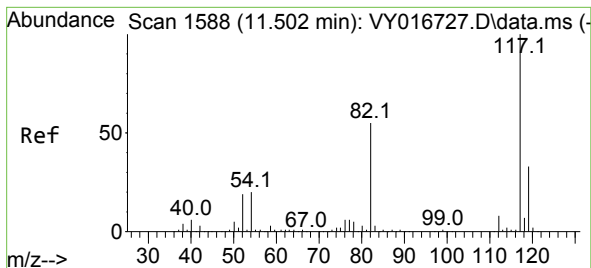
Ion Ratio Lower Upper

95 100

174 77.0 0.0 160.0

176 73.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016883.D

Acq: 27 Dec 2023 17:20

Instrument :

MSVOA_Y

ClientSampleId :

MR-321-0-2

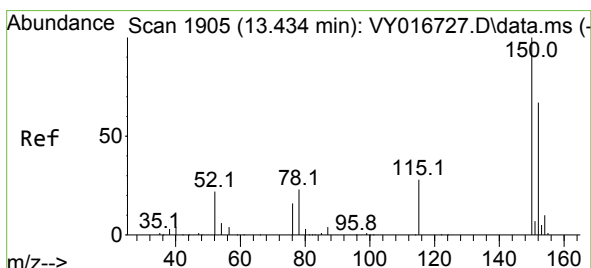
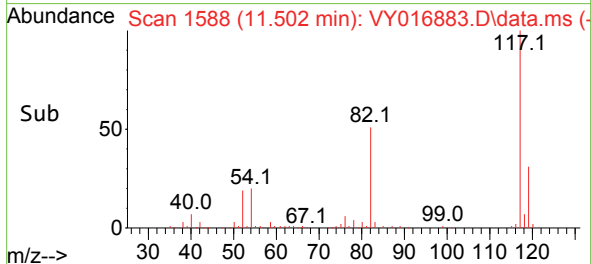
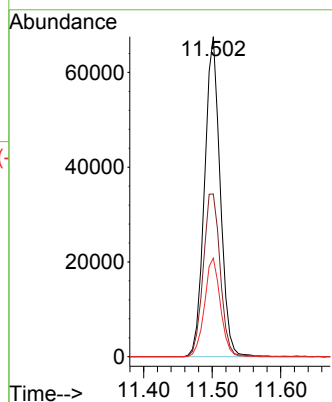
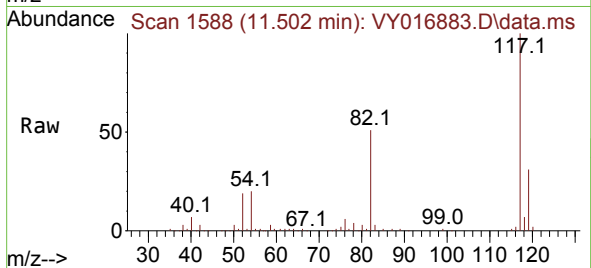
Tgt Ion:117 Resp: 107553

Ion Ratio Lower Upper

117 100

82 50.8 43.8 65.8

119 30.8 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016883.D

Acq: 27 Dec 2023 17:20

Tgt Ion:152 Resp: 40087

Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 155.9 0.0 344.6

