

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016866.D
 Acq On : 27 Dec 2023 10:09
 Operator : SY/MD
 Sample : VY1227SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBL01

Quant Time: Dec 28 03:41:56 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	7.795	168	106334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	231985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	230165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90494	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	64365	66.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.620%
35) Dibromofluoromethane	7.722	113	65305	49.143	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.280%
50) Toluene-d8	10.185	98	231501	48.326	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.660%
62) 4-Bromofluorobenzene	12.483	95	75742	48.735	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.480%

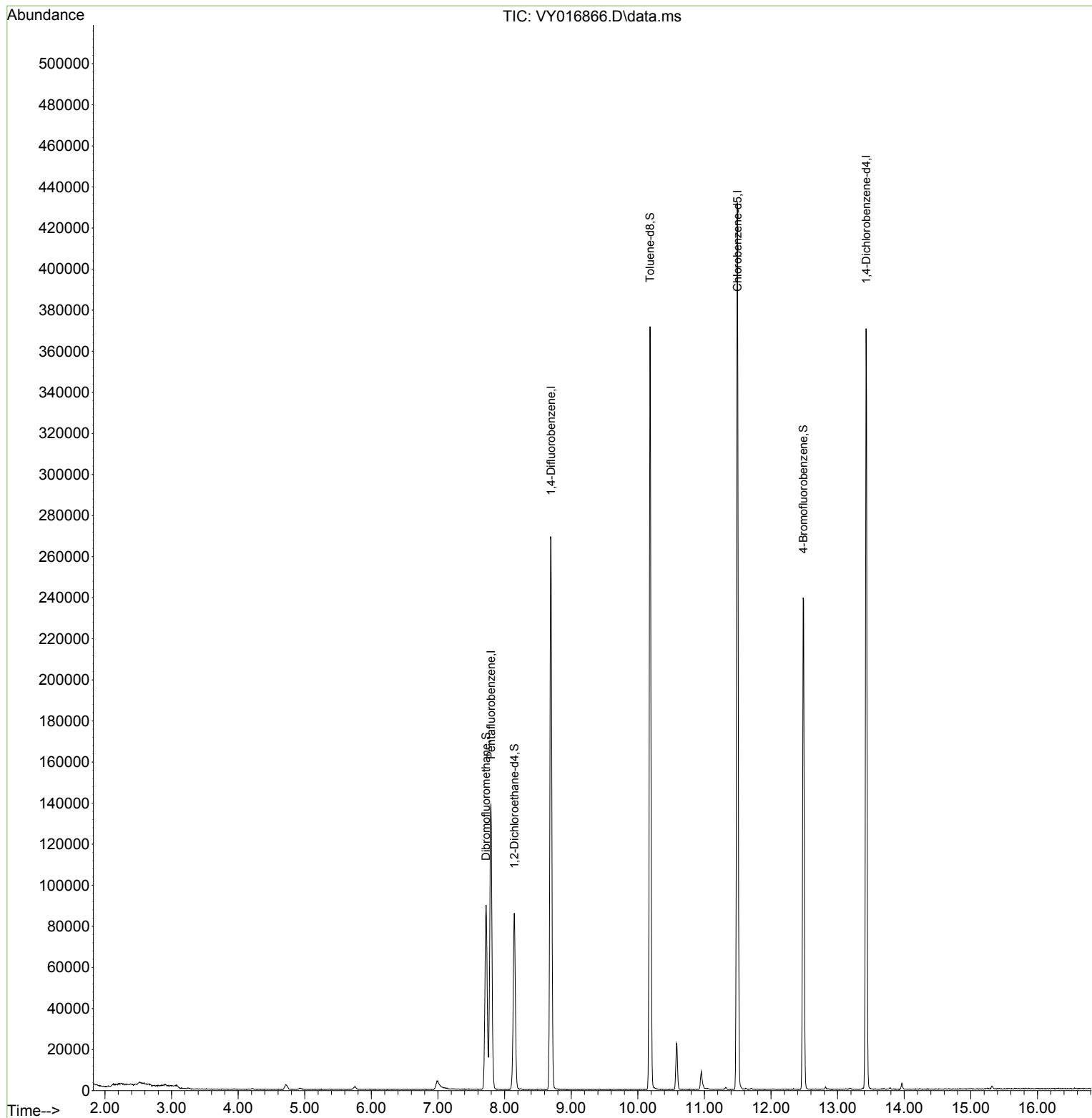
Target Compounds	Qvalue

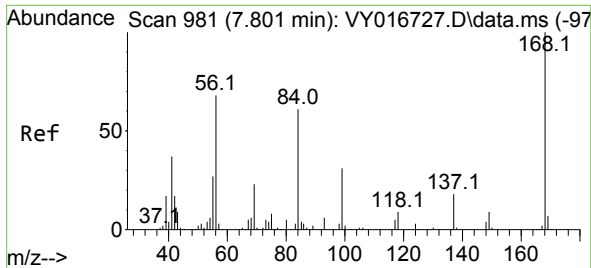
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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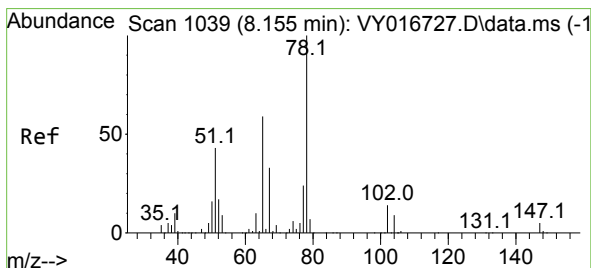
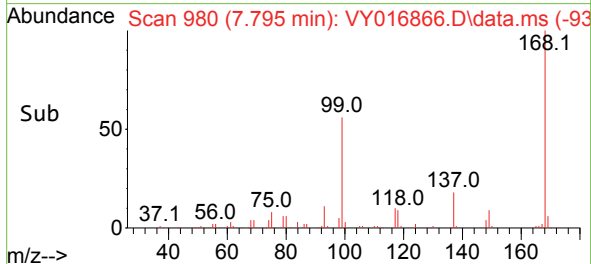
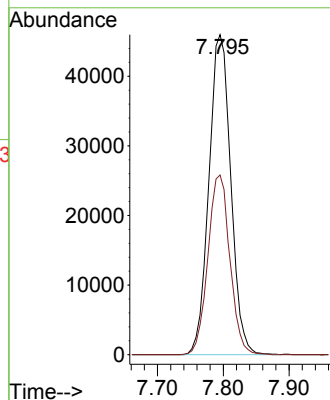
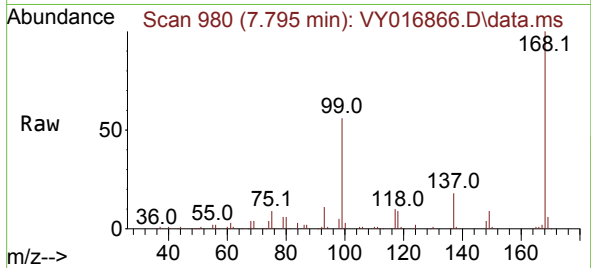




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016866.D
Acq: 27 Dec 2023 10:09

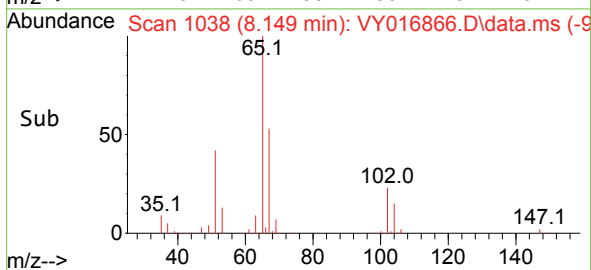
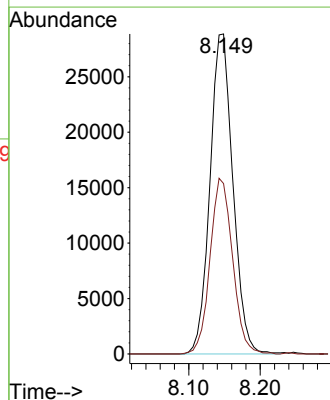
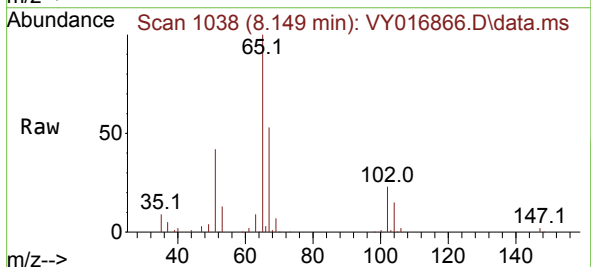
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBL01

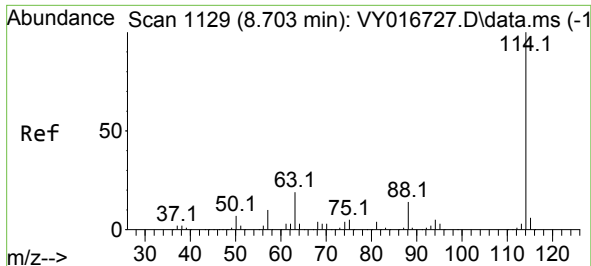
Tgt Ion:168 Resp: 106334
Ion Ratio Lower Upper
168 100
99 56.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 66.307 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016866.D
Acq: 27 Dec 2023 10:09

Tgt Ion: 65 Resp: 64365
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016866.D

Acq: 27 Dec 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBL01

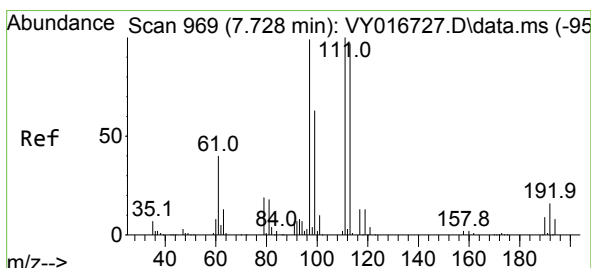
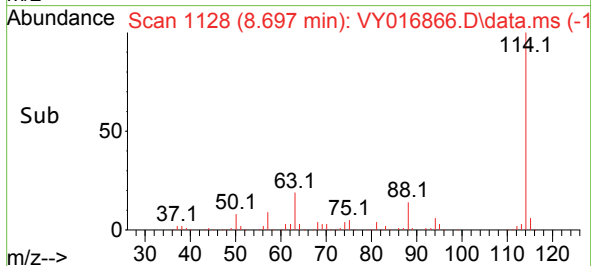
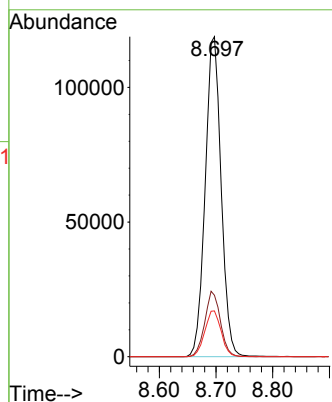
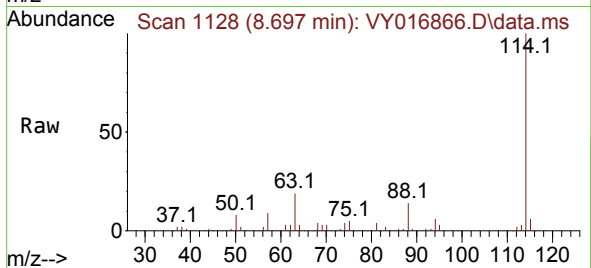
Tgt Ion:114 Resp: 231985

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 14.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 49.143 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY016866.D

Acq: 27 Dec 2023 10:09

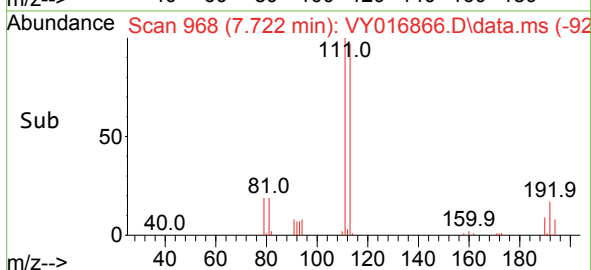
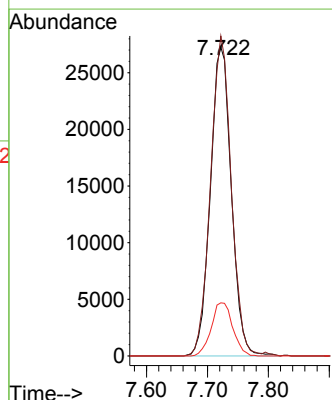
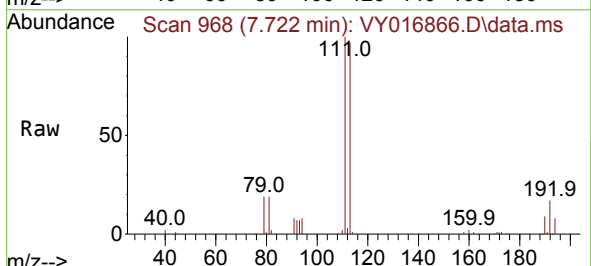
Tgt Ion:113 Resp: 65305

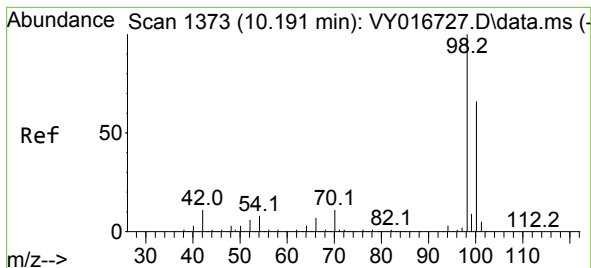
Ion Ratio Lower Upper

113 100

111 101.9 83.8 125.6

192 17.6 14.5 21.7





#50

Toluene-d8

Concen: 48.326 ug/l

RT: 10.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016866.D

Acq: 27 Dec 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

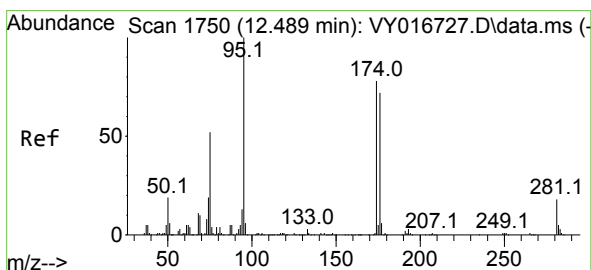
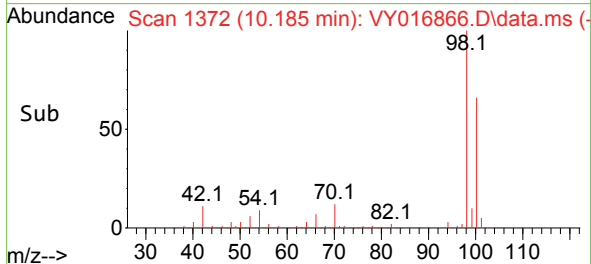
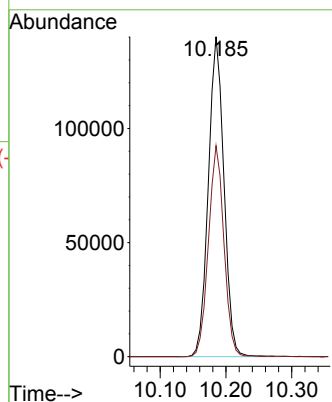
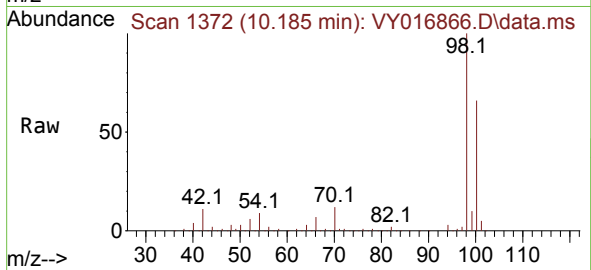
VY1227SBL01

Tgt Ion: 98 Resp: 231501

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 48.735 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY016866.D

Acq: 27 Dec 2023 10:09

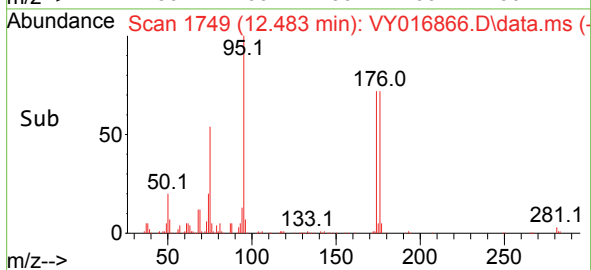
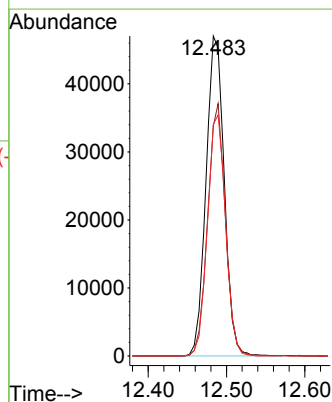
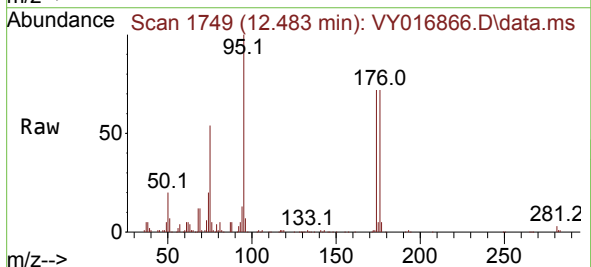
Tgt Ion: 95 Resp: 75742

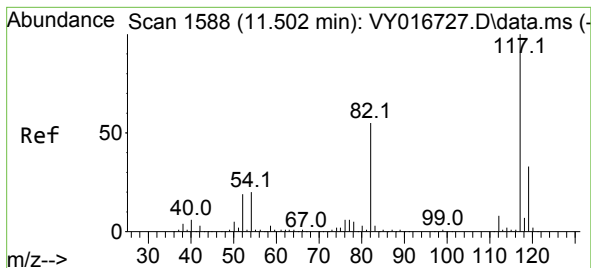
Ion Ratio Lower Upper

95 100

174 76.8 0.0 160.0

176 74.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016866.D

Acq: 27 Dec 2023 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBL01

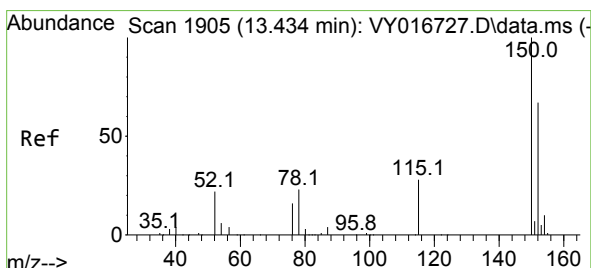
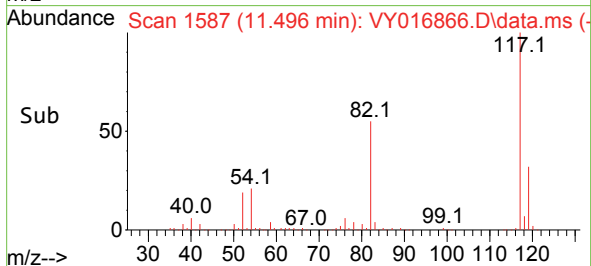
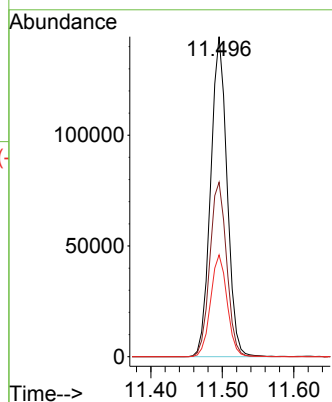
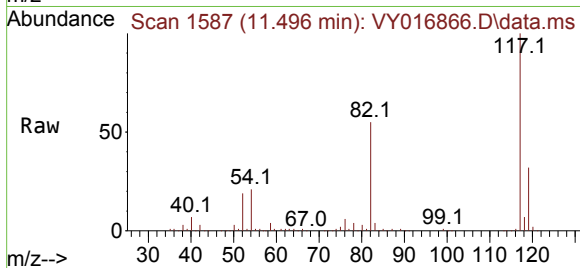
Tgt Ion:117 Resp: 230165

Ion Ratio Lower Upper

117 100

82 54.5 43.8 65.8

119 31.8 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY016866.D

Acq: 27 Dec 2023 10:09

Tgt Ion:152 Resp: 90494

Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

150 157.1 0.0 344.6

