

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017044.D
 Acq On : 19 Jan 2024 10:17
 Operator : SY/MD
 Sample : VY0119SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0119SBL01

Quant Time: Jan 19 22:17:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	106042	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	223676	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	217123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	82667	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	50381	48.070	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.140%
35) Dibromofluoromethane	7.746	113	54132	37.978	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.960%
50) Toluene-d8	10.203	98	196125	39.959	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.920%
62) 4-Bromofluorobenzene	12.501	95	63346	38.253	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.500%

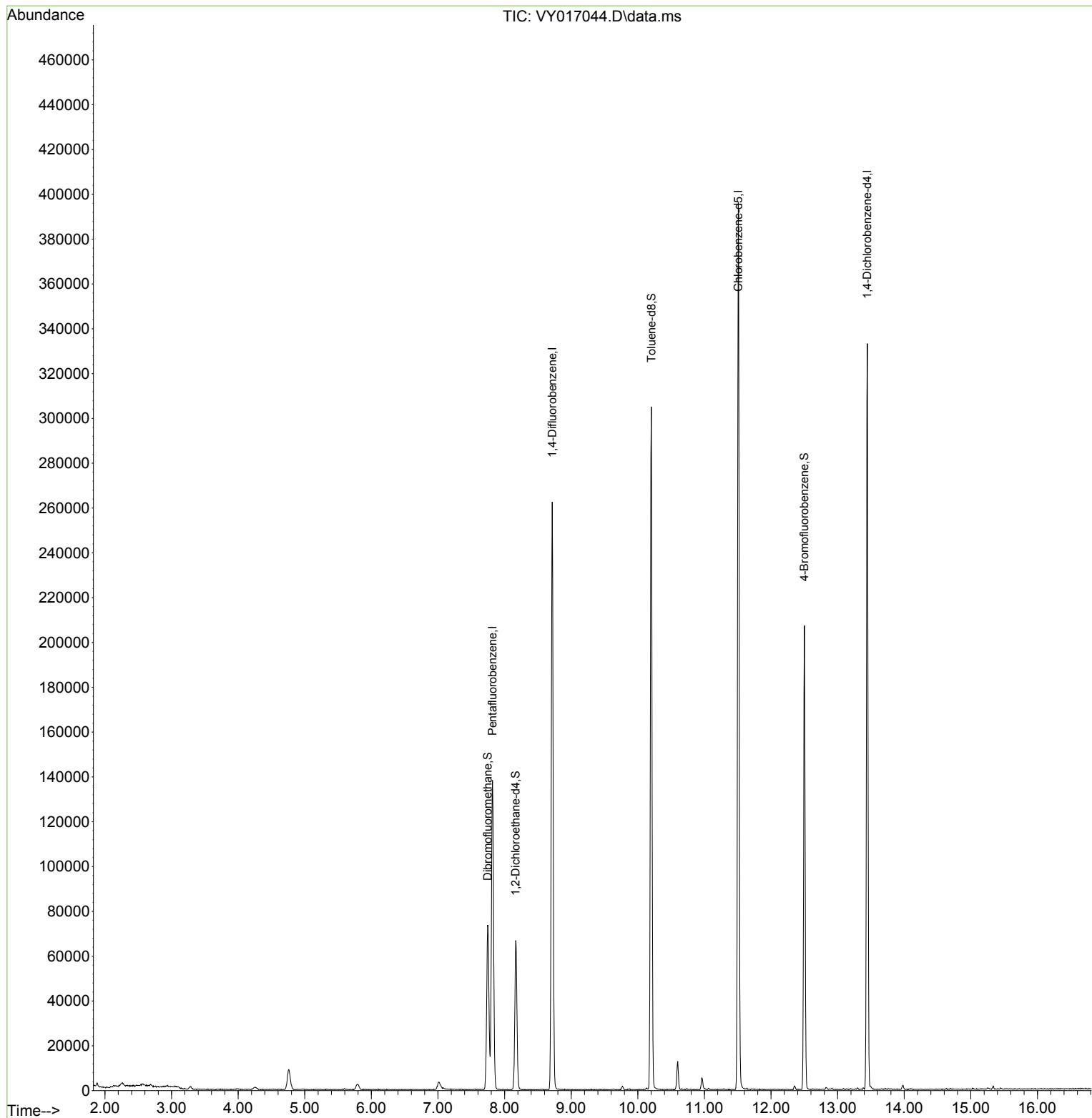
Target Compounds	Qvalue

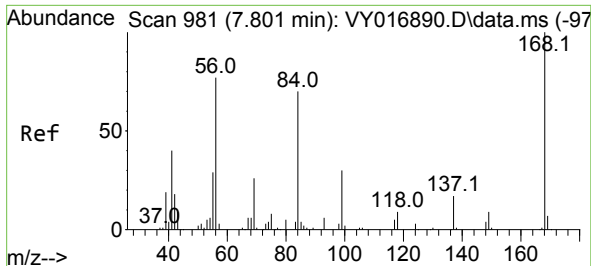
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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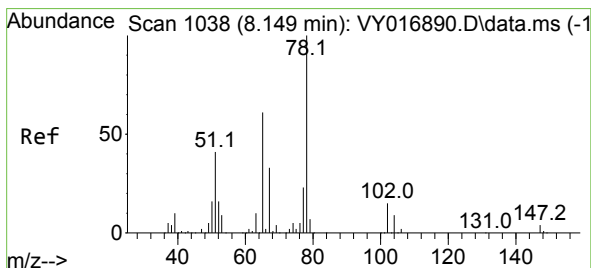
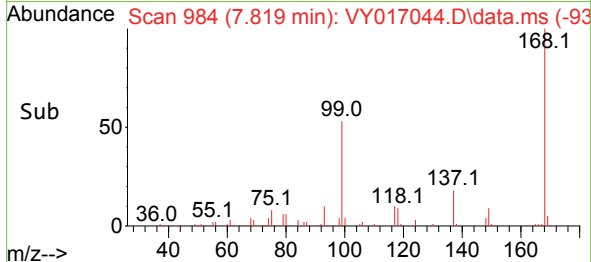
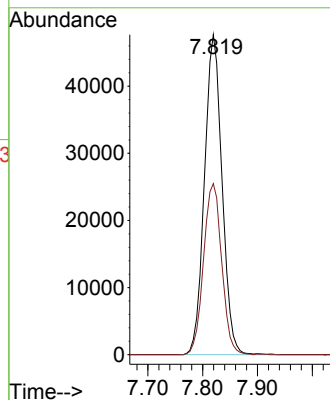
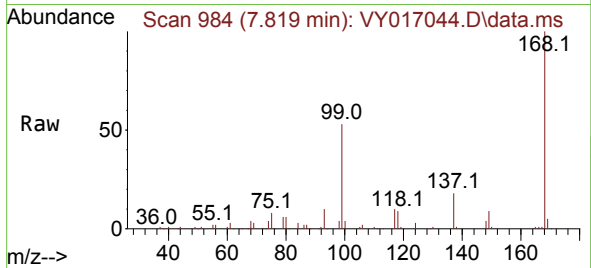




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017044.D
Acq: 19 Jan 2024 10:17

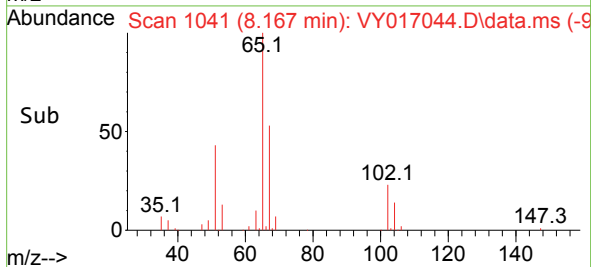
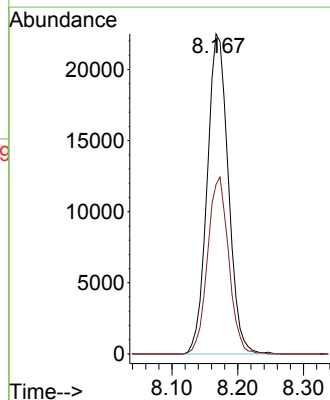
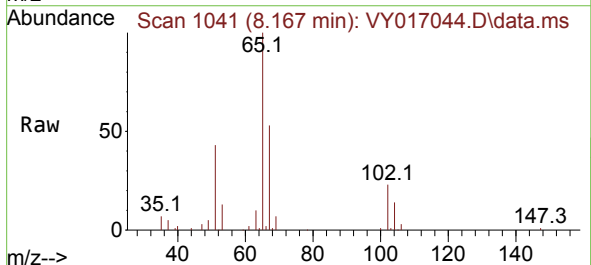
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBL01

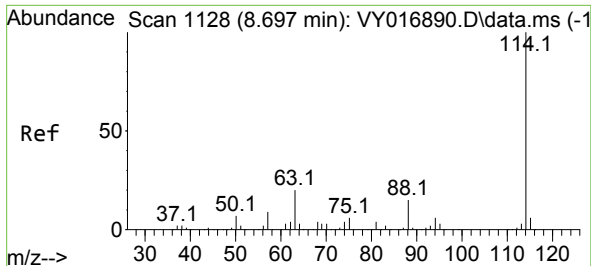
Tgt Ion:168 Resp: 106042
Ion Ratio Lower Upper
168 100
99 53.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 48.070 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY017044.D
Acq: 19 Jan 2024 10:17

Tgt Ion: 65 Resp: 50381
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY017044.D

Acq: 19 Jan 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBL01

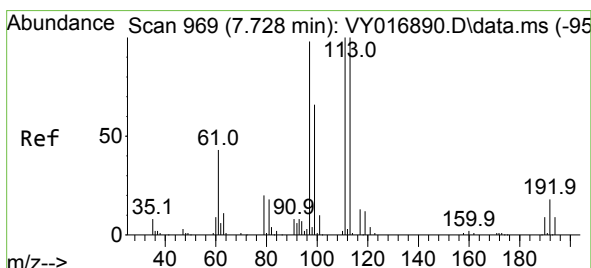
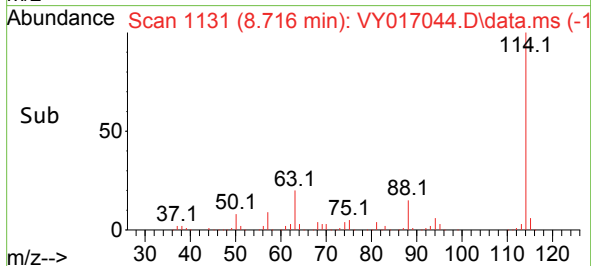
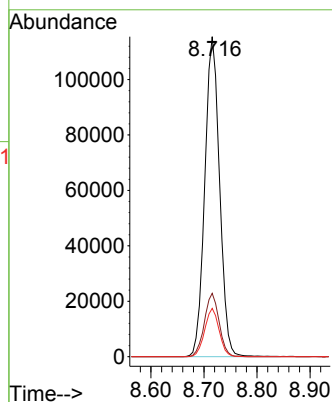
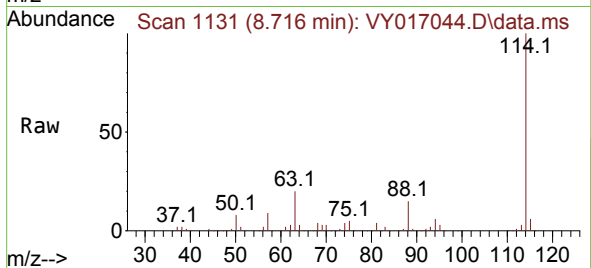
Tgt Ion:114 Resp: 223676

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 15.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.978 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY017044.D

Acq: 19 Jan 2024 10:17

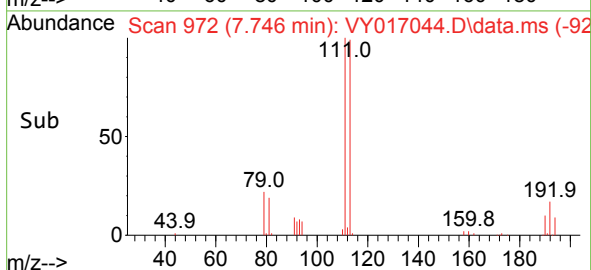
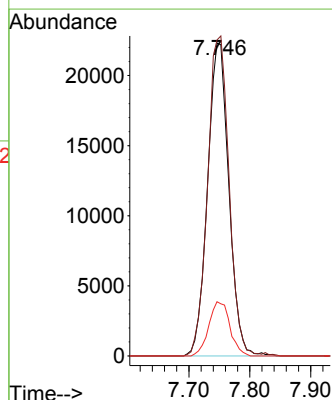
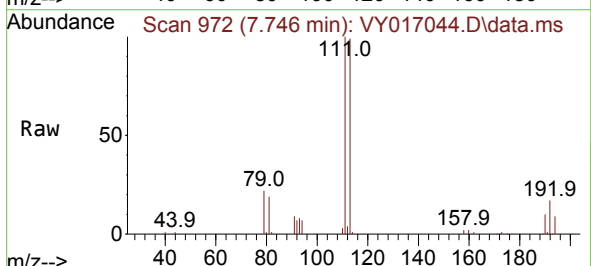
Tgt Ion:113 Resp: 54132

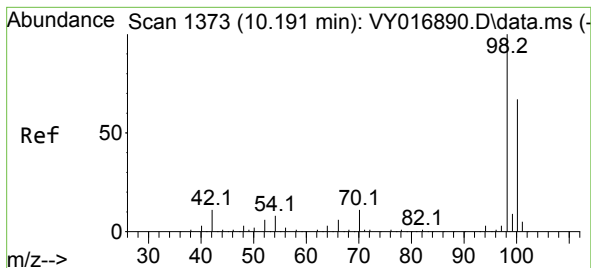
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 17.2 14.5 21.7





#50

Toluene-d8

Concen: 39.959 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY017044.D

Acq: 19 Jan 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

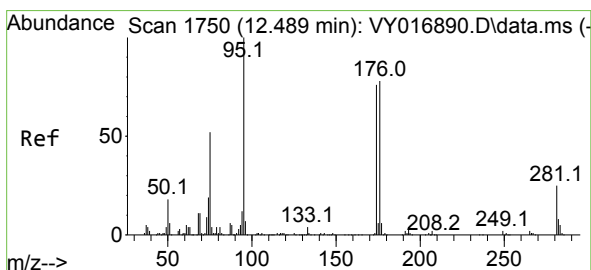
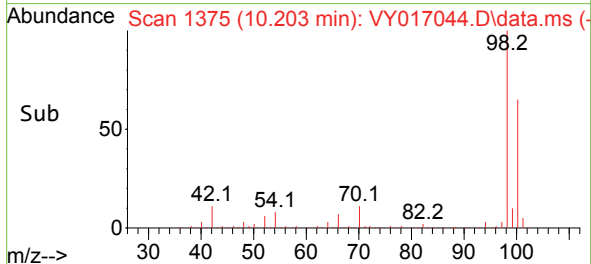
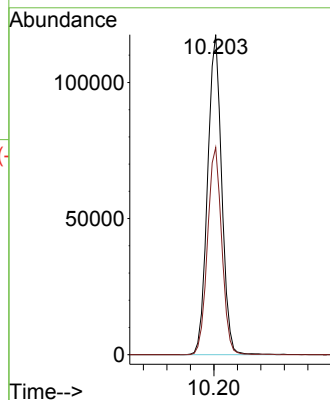
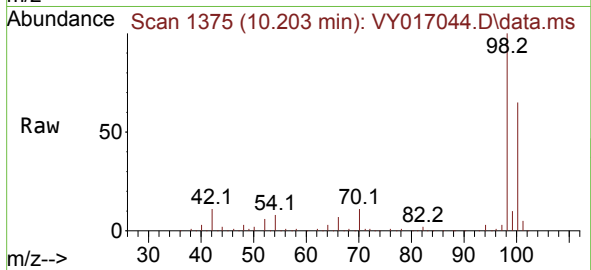
VY0119SBL01

Tgt Ion: 98 Resp: 196125

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 38.253 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY017044.D

Acq: 19 Jan 2024 10:17

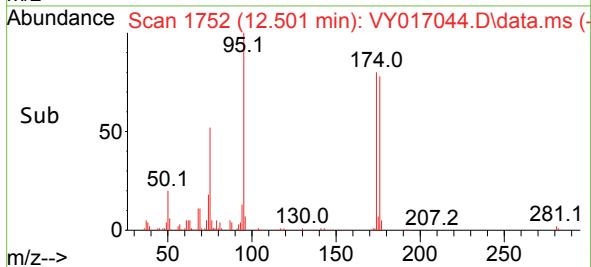
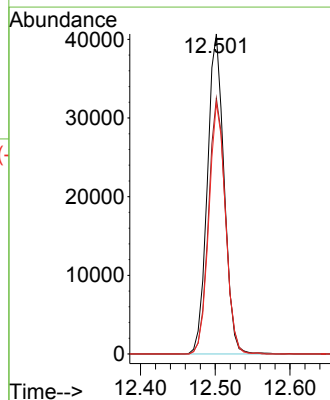
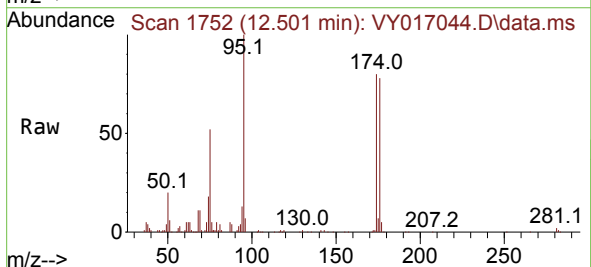
Tgt Ion: 95 Resp: 63346

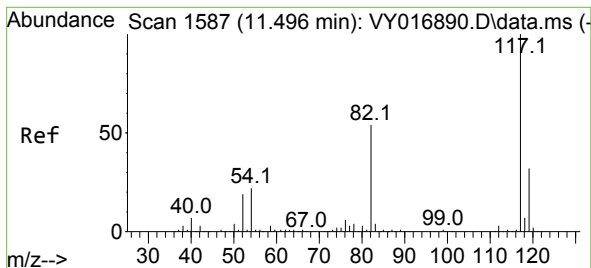
Ion Ratio Lower Upper

95 100

174 80.4 0.0 160.0

176 77.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017044.D

Acq: 19 Jan 2024 10:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBL01

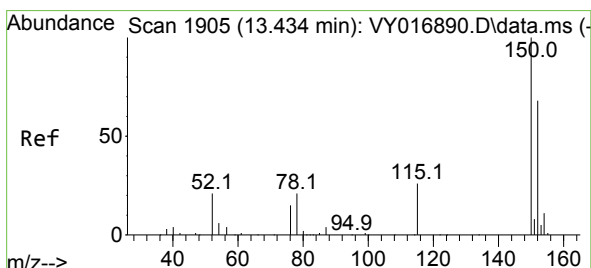
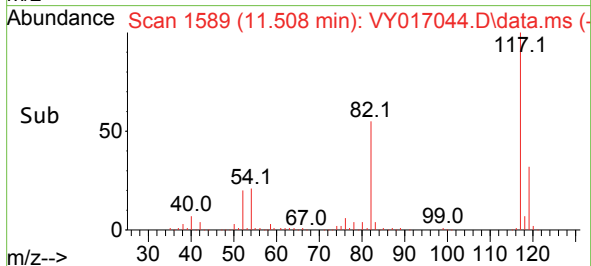
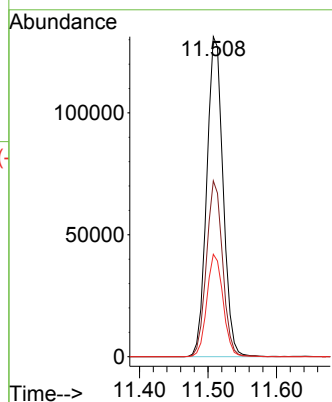
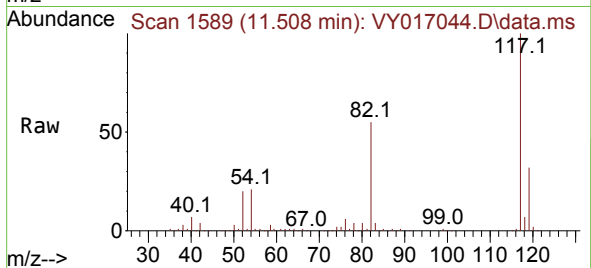
Tgt Ion:117 Resp: 217123

Ion Ratio Lower Upper

117 100

82 55.0 43.8 65.8

119 32.0 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY017044.D

Acq: 19 Jan 2024 10:17

Tgt Ion:152 Resp: 82667

Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

150 159.9 0.0 344.6

