

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017198.D
 Acq On : 02 Feb 2024 21:50
 Operator : SY/MD
 Sample : VY0202SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0202SBL02

Quant Time: Feb 02 22:36:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	103908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	195552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	170984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	66454	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	57067	61.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.960%
35) Dibromofluoromethane	7.722	113	56789	53.785	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.560%
50) Toluene-d8	10.191	98	198751	51.700	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.400%
62) 4-Bromofluorobenzene	12.489	95	57775	45.878	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.760%

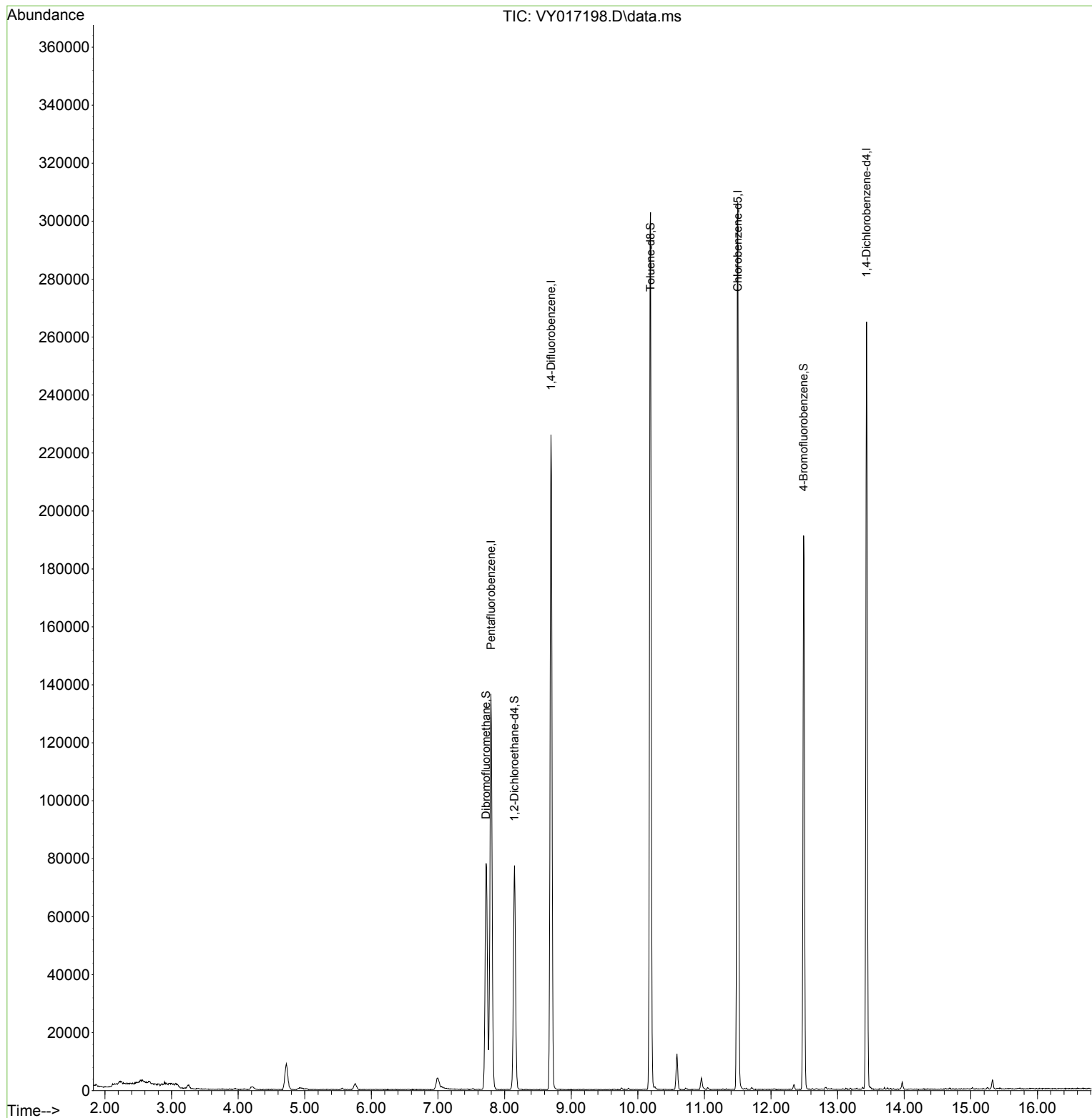
Target Compounds	Qvalue

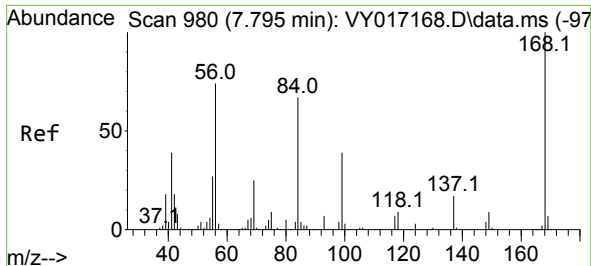
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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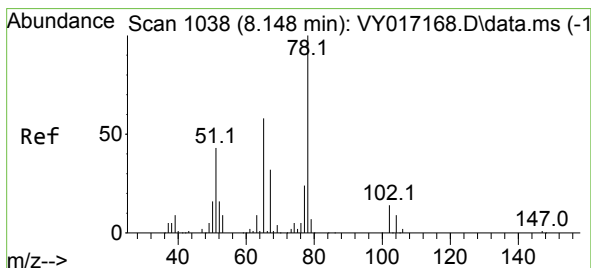
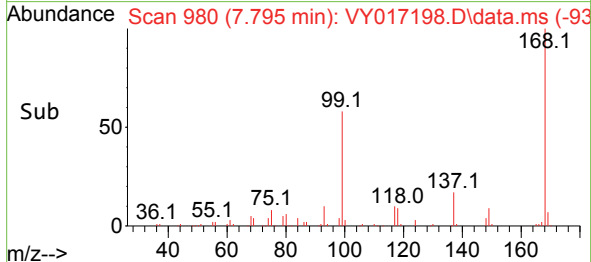
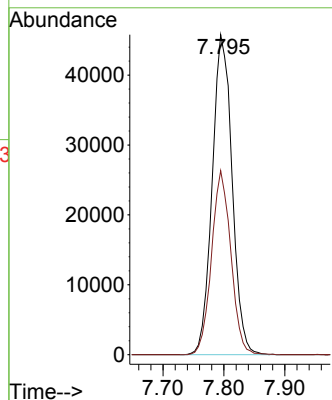
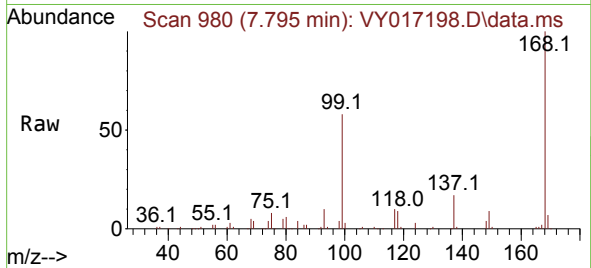




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY017198.D
Acq: 02 Feb 2024 21:50

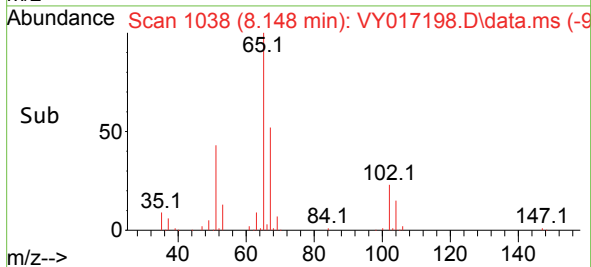
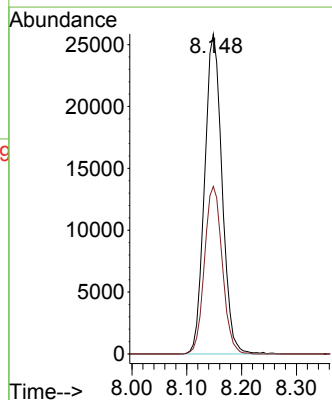
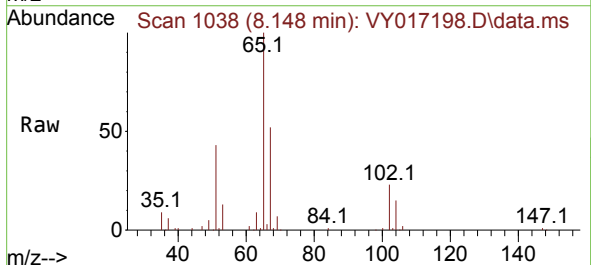
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL02

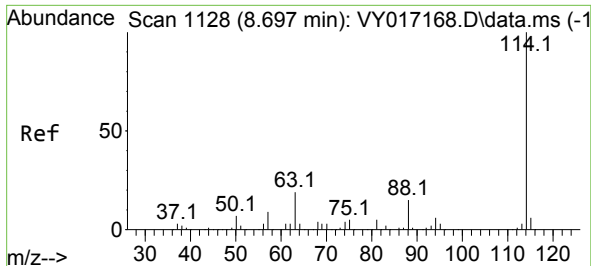
Tgt Ion:168 Resp: 103908
Ion Ratio Lower Upper
168 100
99 57.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 61.478 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017198.D
Acq: 02 Feb 2024 21:50

Tgt Ion: 65 Resp: 57067
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017198.D

Acq: 02 Feb 2024 21:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBL02

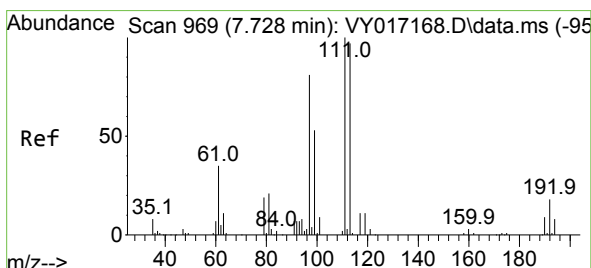
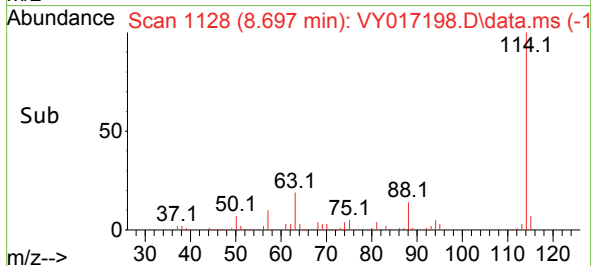
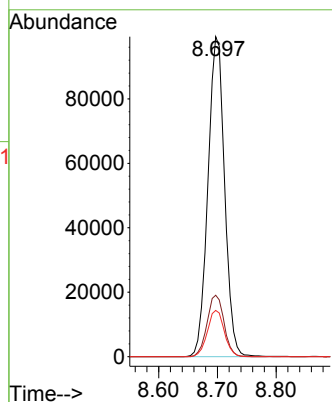
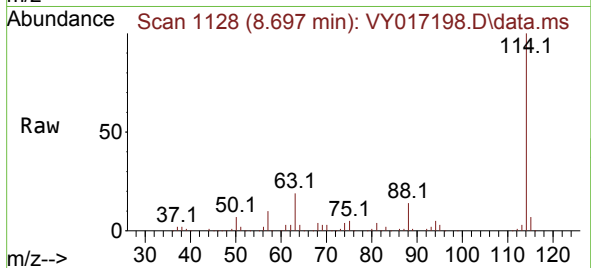
Tgt Ion:114 Resp: 195552

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 14.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.785 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017198.D

Acq: 02 Feb 2024 21:50

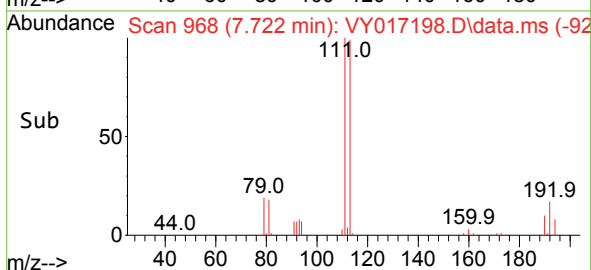
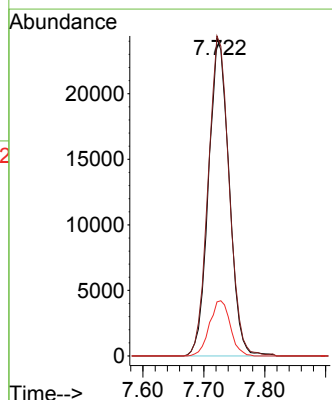
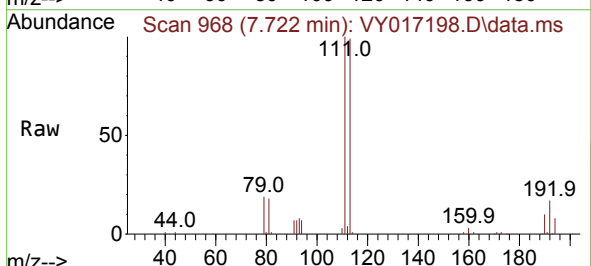
Tgt Ion:113 Resp: 56789

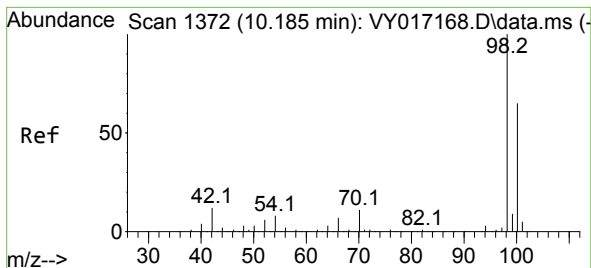
Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 17.6 14.5 21.7





#50

Toluene-d8

Concen: 51.700 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017198.D

Acq: 02 Feb 2024 21:50

Instrument :

MSVOA_Y

ClientSampleId :

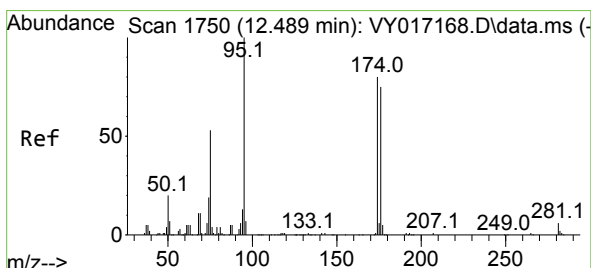
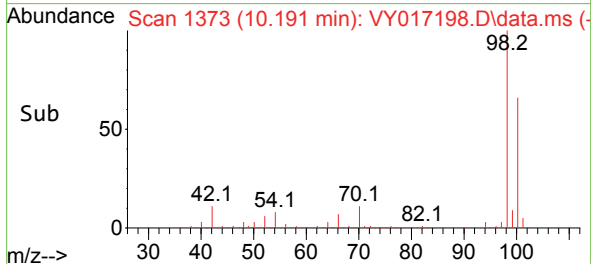
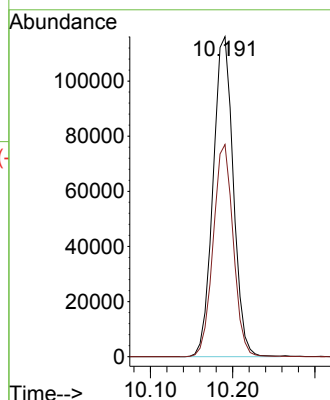
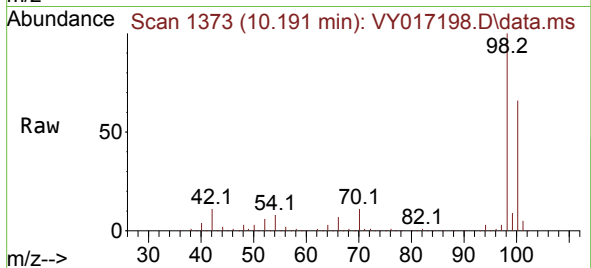
VY0202SBL02

Tgt Ion: 98 Resp: 198751

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 45.878 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017198.D

Acq: 02 Feb 2024 21:50

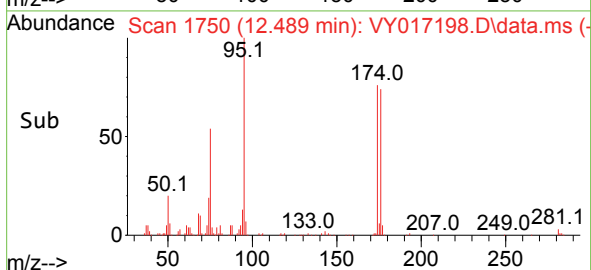
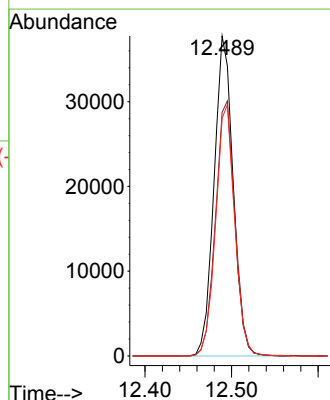
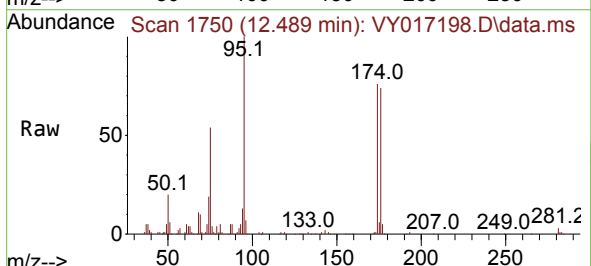
Tgt Ion: 95 Resp: 57775

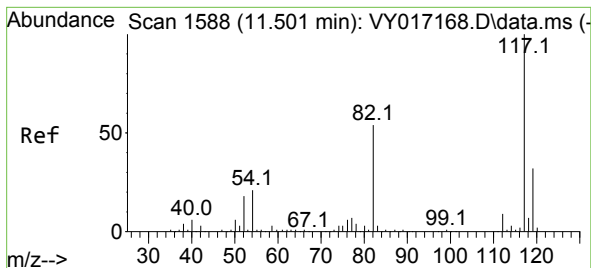
Ion Ratio Lower Upper

95 100

174 81.3 0.0 160.0

176 78.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017198.D

Acq: 02 Feb 2024 21:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBL02

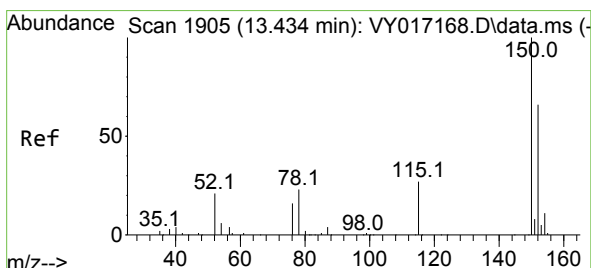
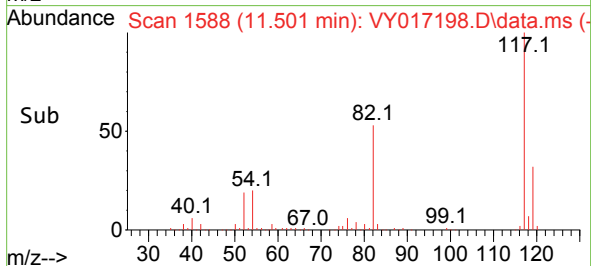
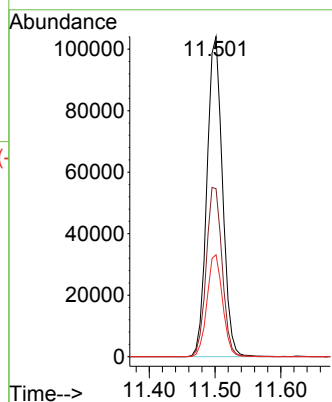
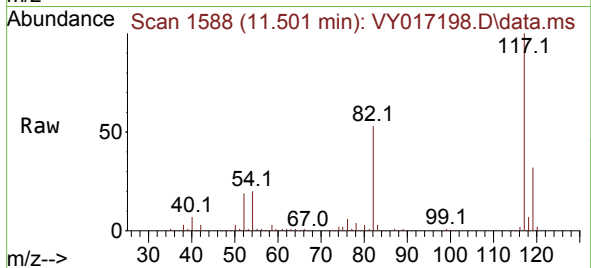
Tgt Ion:117 Resp: 170984

Ion Ratio Lower Upper

117 100

82 52.5 43.8 65.8

119 31.9 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: VY017198.D

Acq: 02 Feb 2024 21:50

Tgt Ion:152 Resp: 66454

Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 156.4 0.0 344.6

