

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017187.D
 Acq On : 02 Feb 2024 16:24
 Operator : SY/MD
 Sample : P1343-11
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-195-GW-660-662

Quant Time: Feb 02 22:31:58 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	7.801	168	81828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	176882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	178370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	69543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	43991	60.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.360%
35) Dibromofluoromethane	7.728	113	43772	45.832	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.660%
50) Toluene-d8	10.191	98	155329	44.670	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.340%
62) 4-Bromofluorobenzene	12.489	95	54332	47.698	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.400%

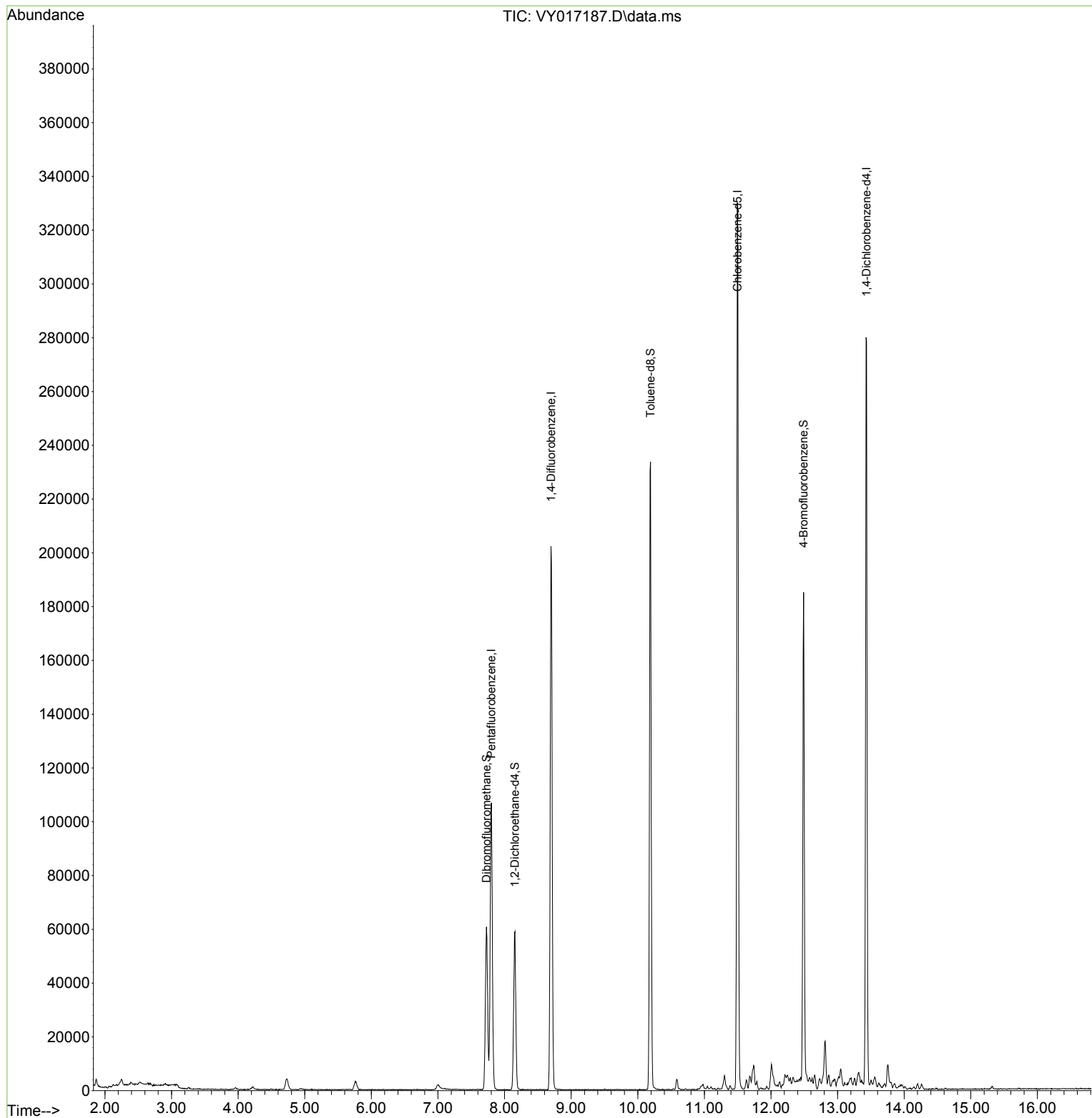
Target Compounds	Qvalue

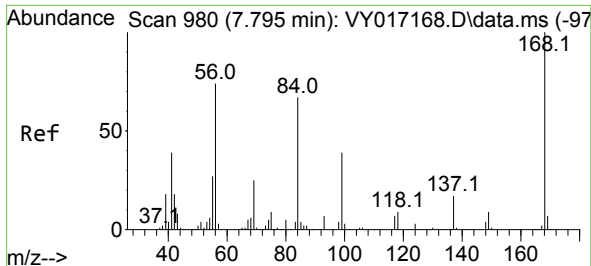
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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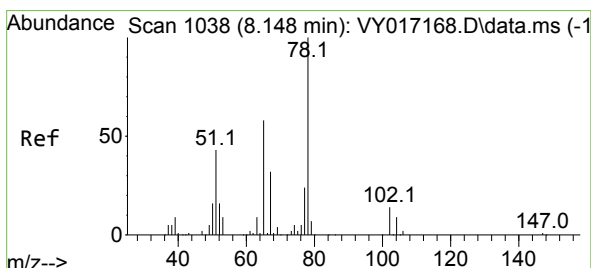
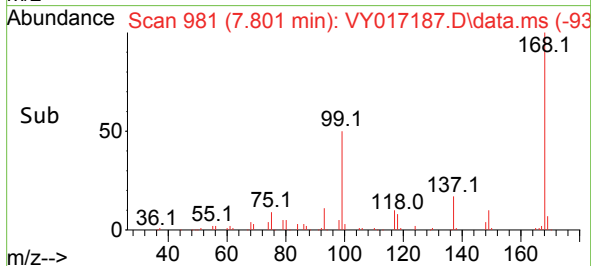
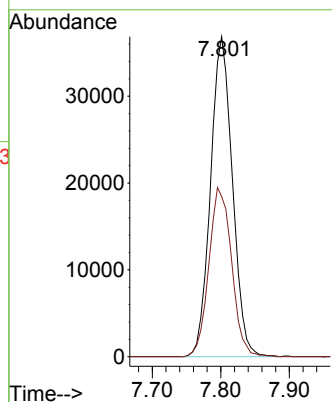
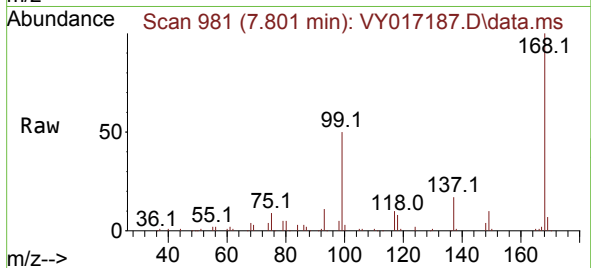




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017187.D
Acq: 02 Feb 2024 16:24

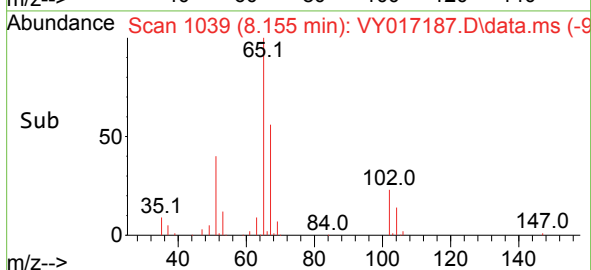
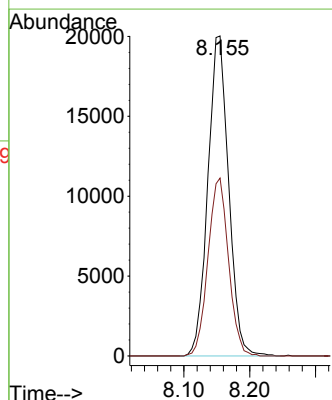
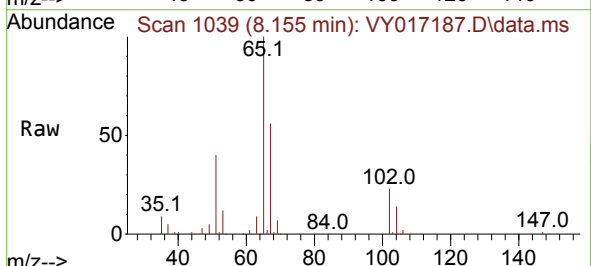
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-195-GW-660-662

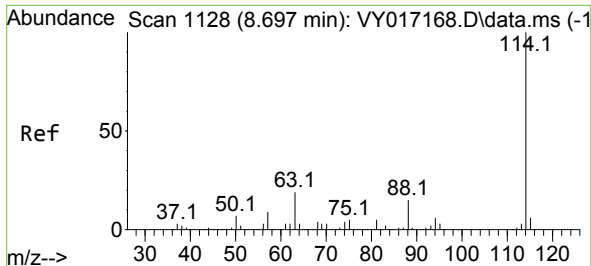
Tgt Ion:168 Resp: 81828
Ion Ratio Lower Upper
168 100
99 50.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 60.179 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.007 min
Lab File: VY017187.D
Acq: 02 Feb 2024 16:24

Tgt Ion: 65 Resp: 43991
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.0

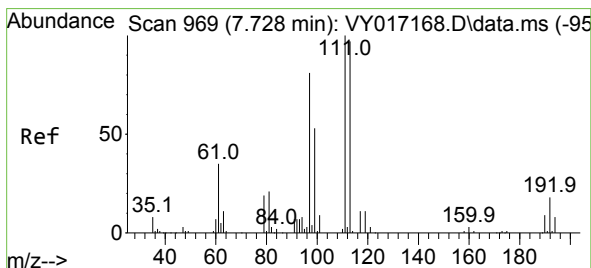
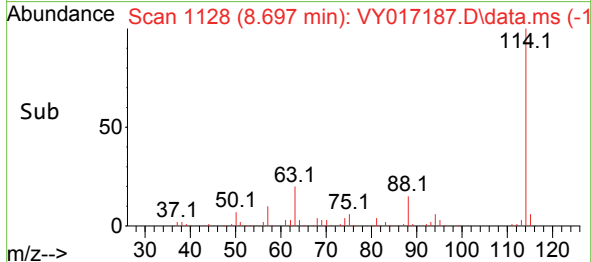
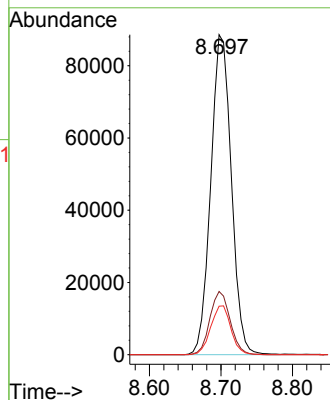
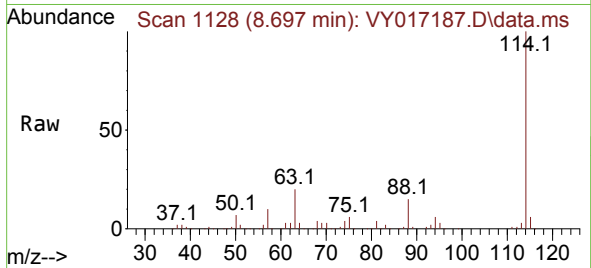




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY017187.D
Acq: 02 Feb 2024 16:24

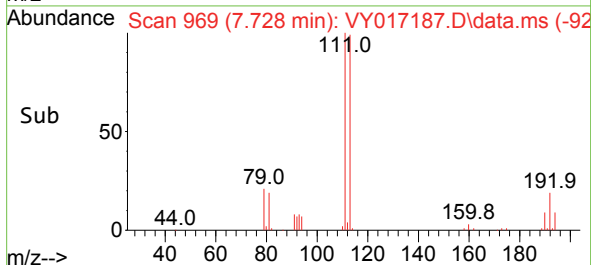
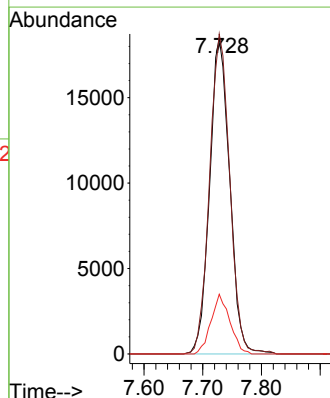
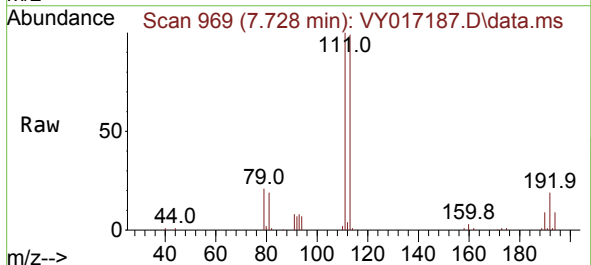
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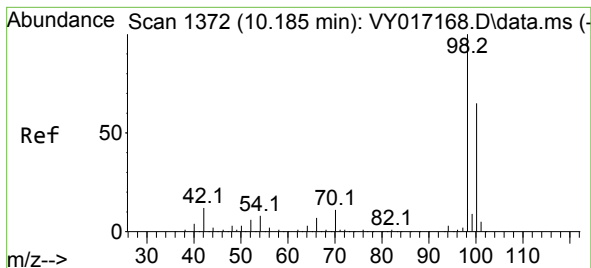
Tgt Ion:114 Resp: 176882
Ion Ratio Lower Upper
114 100
63 19.8 0.0 37.4
88 15.2 0.0 29.0



#35
Dibromofluoromethane
Concen: 45.832 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY017187.D
Acq: 02 Feb 2024 16:24

Tgt Ion:113 Resp: 43772
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 17.8 14.5 21.7





#50

Toluene-d8

Concen: 44.670 ug/l

RT: 10.191 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY017187.D

Acq: 02 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

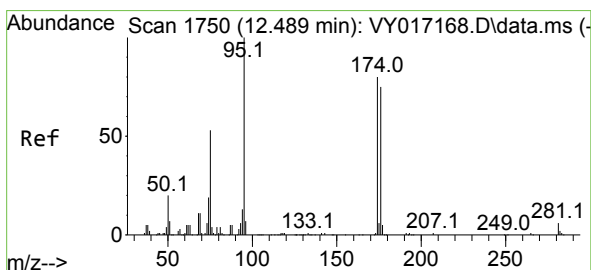
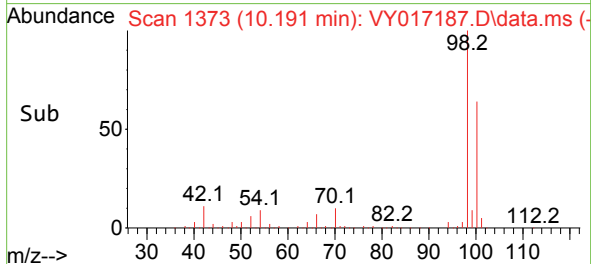
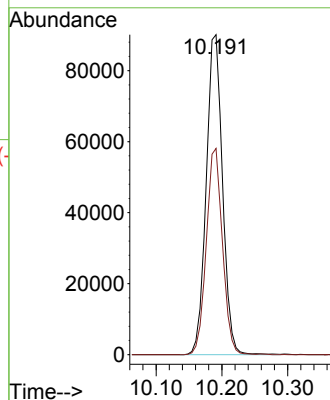
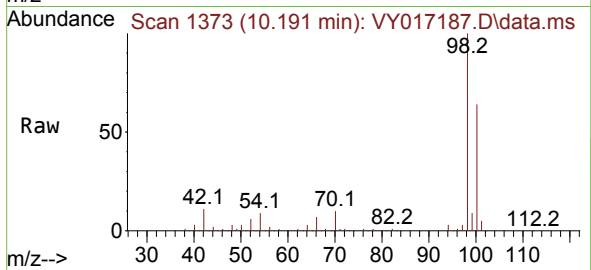
BP-VPB-195-GW-660-662

Tgt Ion: 98 Resp: 155329

Ion Ratio Lower Upper

98 100

100 63.8 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 47.698 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017187.D

Acq: 02 Feb 2024 16:24

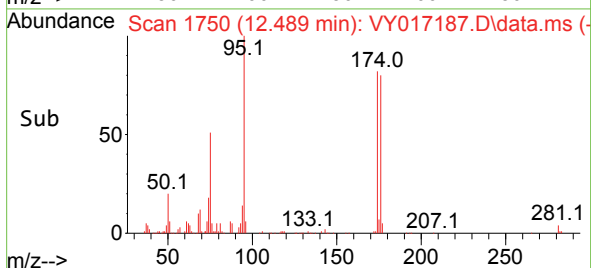
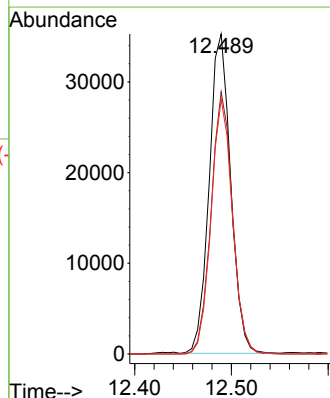
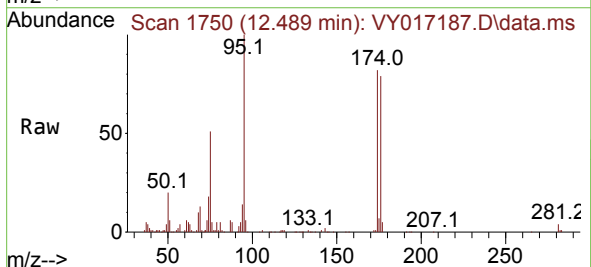
Tgt Ion: 95 Resp: 54332

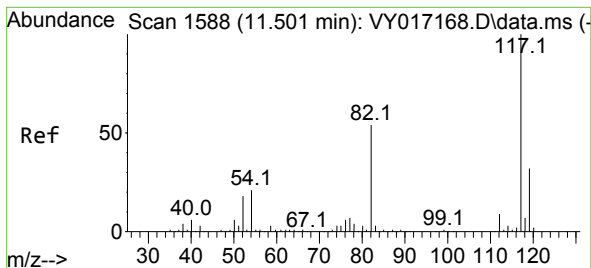
Ion Ratio Lower Upper

95 100

174 81.9 0.0 160.0

176 79.3 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: VY017187.D

Acq: 02 Feb 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-195-GW-660-662

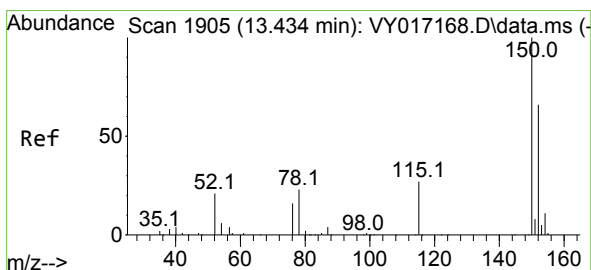
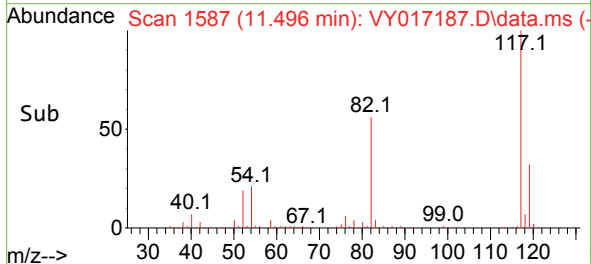
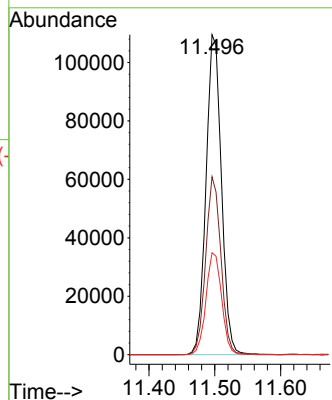
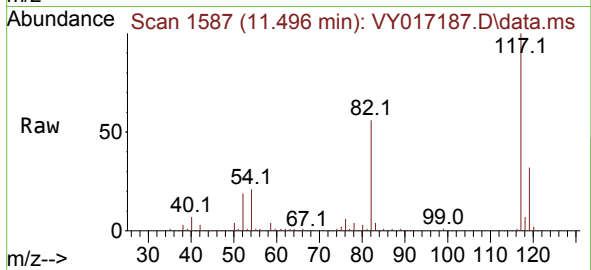
Tgt Ion:117 Resp: 178370

Ion Ratio Lower Upper

117 100

82 55.6 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: VY017187.D

Acq: 02 Feb 2024 16:24

Tgt Ion:152 Resp: 69543

Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

150 159.1 0.0 344.6

