

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017188.D
 Acq On : 02 Feb 2024 16:48
 Operator : SY/MD
 Sample : P1311-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1RE

Quant Time: Feb 02 22:32:17 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	38248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	70185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	63001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	21289	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	15634	45.756	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.520%
35) Dibromofluoromethane	7.722	113	17511	46.209	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.420%
50) Toluene-d8	10.185	98	60213	43.641	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.280%
62) 4-Bromofluorobenzene	12.489	95	16223	35.893	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.780%

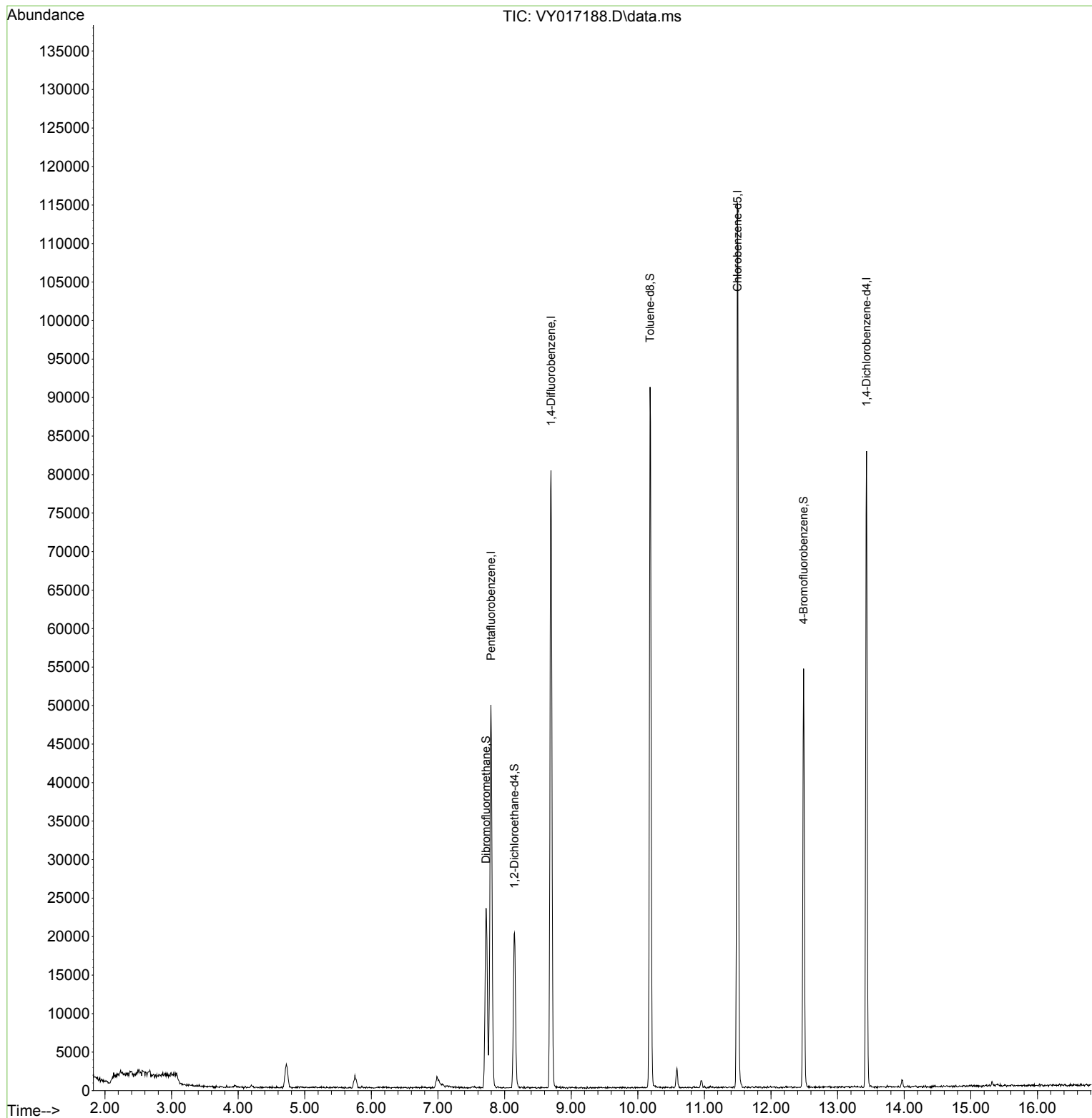
Target Compounds	Qvalue

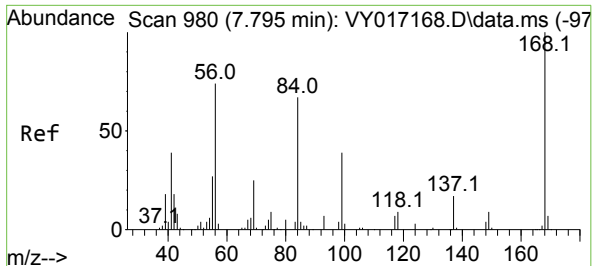
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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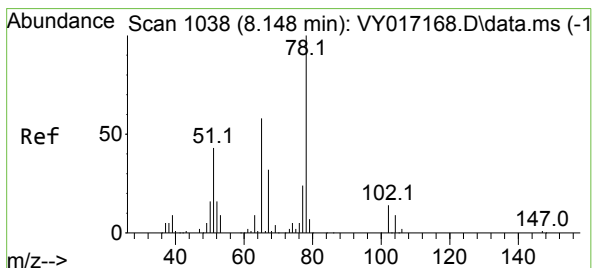
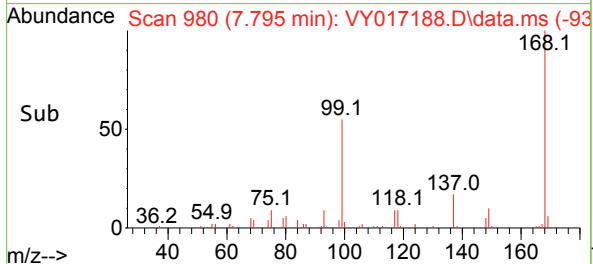
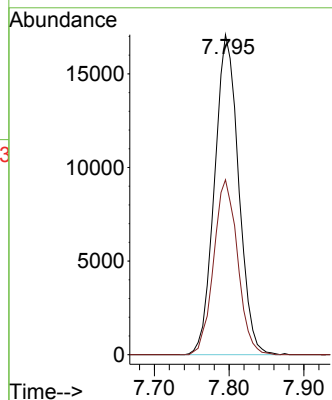
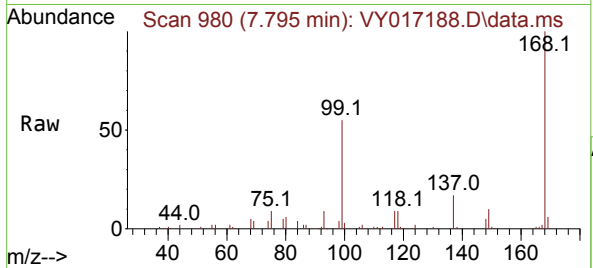




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017188.D
Acq: 02 Feb 2024 16:48

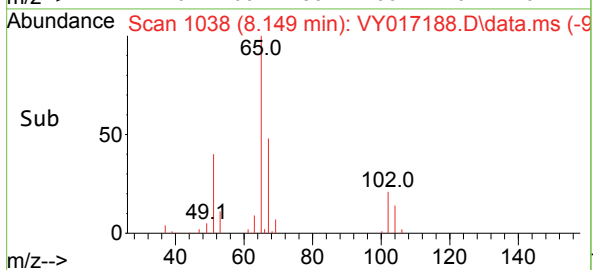
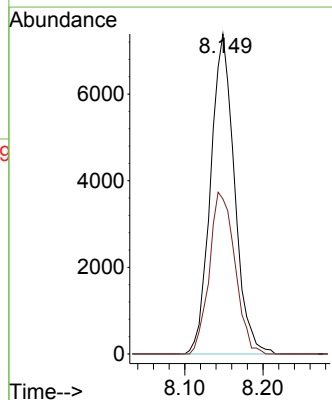
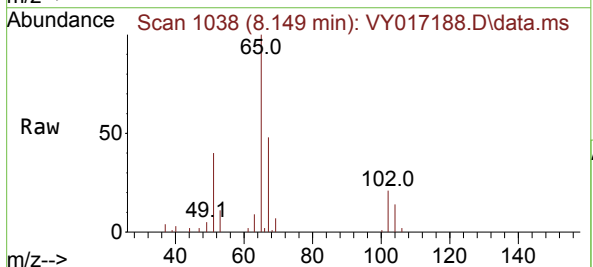
Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

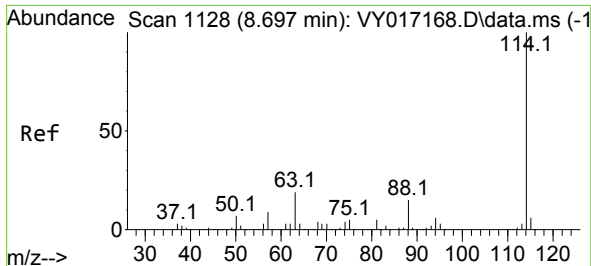
Tgt Ion:168 Resp: 38248
Ion Ratio Lower Upper
168 100
99 54.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 45.756 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017188.D
Acq: 02 Feb 2024 16:48

Tgt Ion: 65 Resp: 15634
Ion Ratio Lower Upper
65 100
67 54.1 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: VY017188.D

Acq: 02 Feb 2024 16:48

Instrument :

MSVOA_Y

ClientSampleId :

TP-1RE

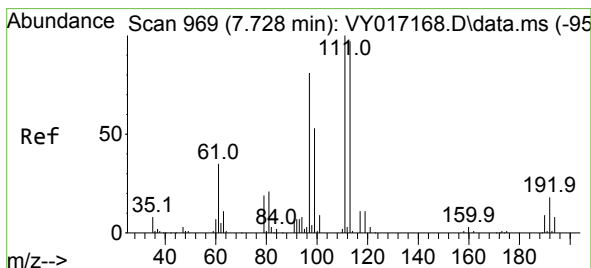
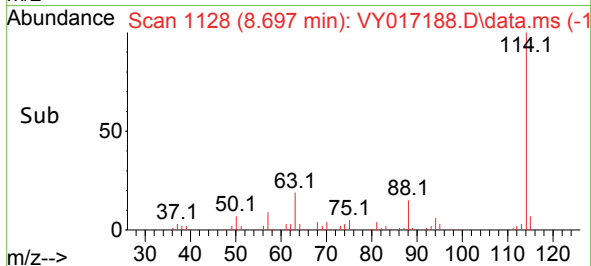
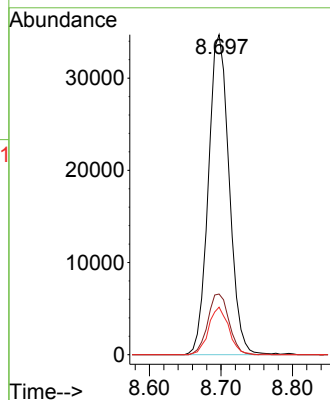
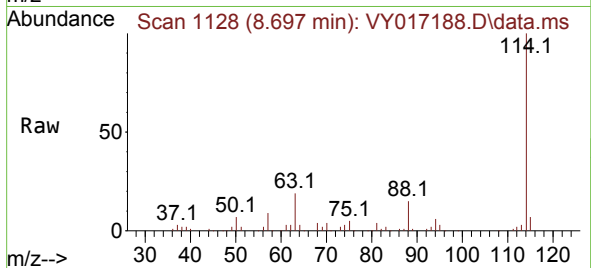
Tgt Ion:114 Resp: 70185

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 46.209 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017188.D

Acq: 02 Feb 2024 16:48

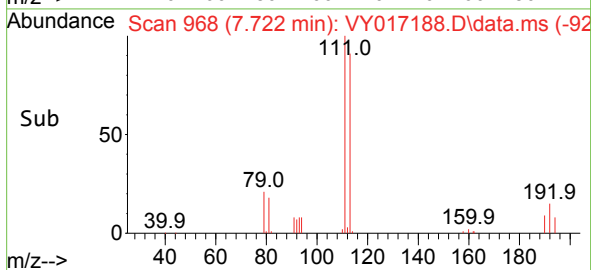
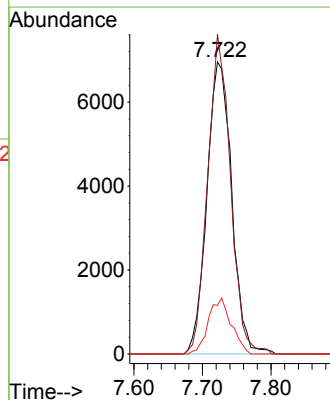
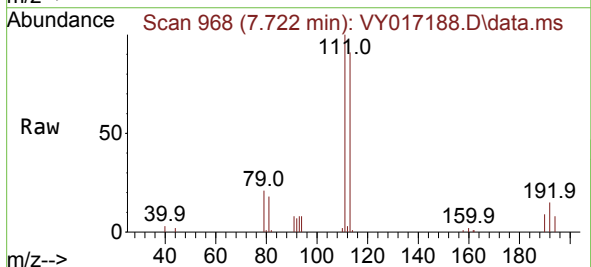
Tgt Ion:113 Resp: 17511

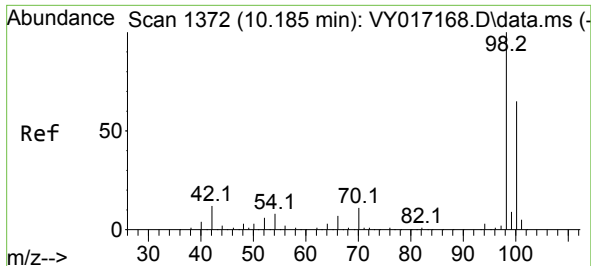
Ion Ratio Lower Upper

113 100

111 100.6 83.8 125.6

192 17.7 14.5 21.7

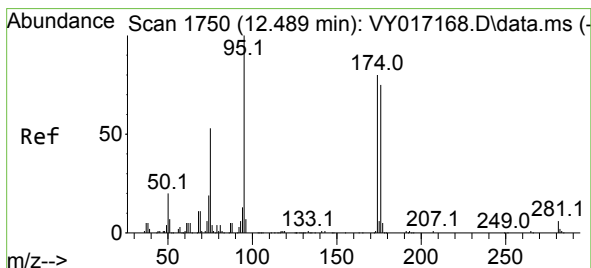
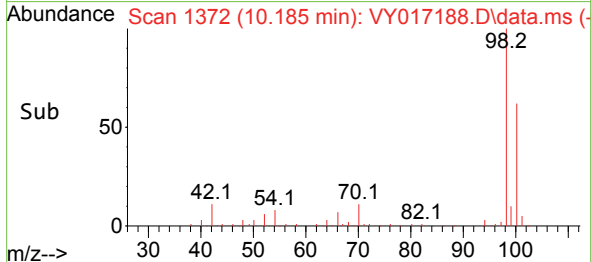
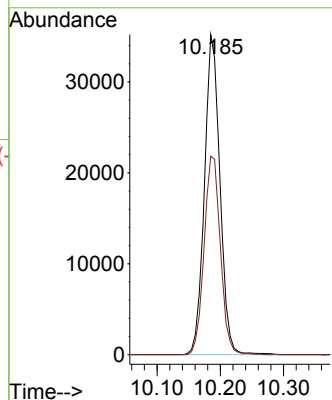
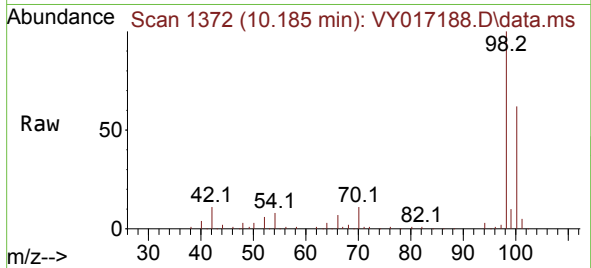




#50
Toluene-d8
Concen: 43.641 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017188.D
Acq: 02 Feb 2024 16:48

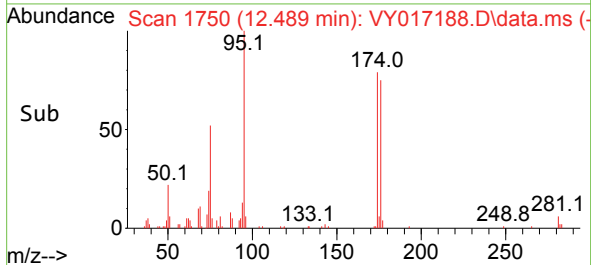
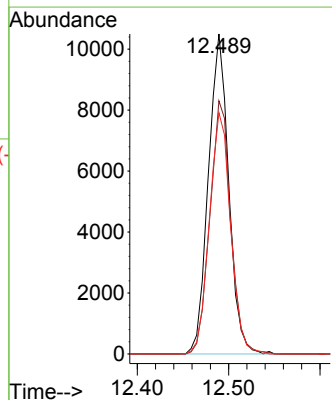
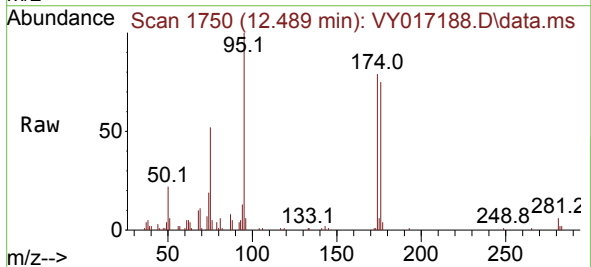
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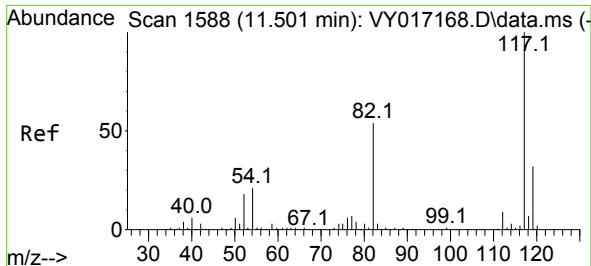
Tgt Ion: 98 Resp: 60213
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 35.893 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017188.D
Acq: 02 Feb 2024 16:48

Tgt Ion: 95 Resp: 16223
Ion Ratio Lower Upper
95 100
174 80.8 0.0 160.0
176 78.9 0.0 151.8

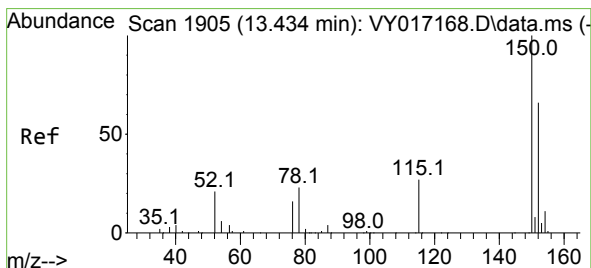
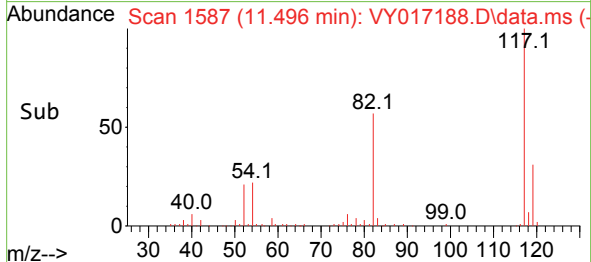
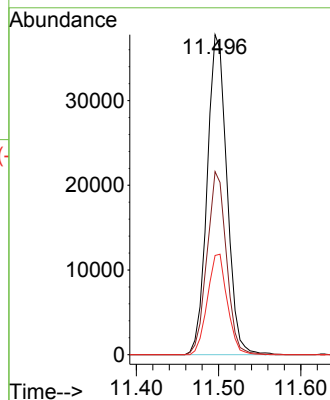
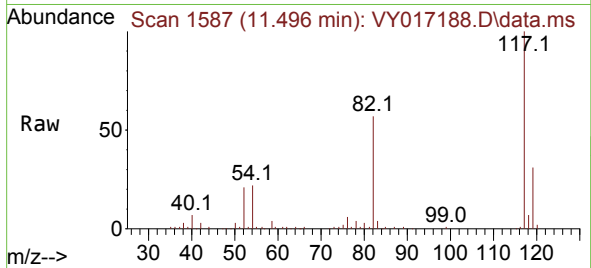




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017188.D
Acq: 02 Feb 2024 16:48

Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

Tgt Ion:117 Resp: 63001
Ion Ratio Lower Upper
117 100
82 57.2 43.8 65.8
119 31.0 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: VY017188.D
Acq: 02 Feb 2024 16:48

Tgt Ion:152 Resp: 21289
Ion Ratio Lower Upper
152 100
115 58.8 30.0 90.0
150 154.9 0.0 344.6

