

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021224\
 Data File : VY017356.D
 Acq On : 12 Feb 2024 16:19
 Operator : SY/MD
 Sample : P1339-03RE
 Misc : 2.64g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-GRABRE

Quant Time: Feb 12 17:00:20 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	16056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	27117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	22591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	6586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	7113	49.591	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.180%
35) Dibromofluoromethane	7.722	113	7284	49.749	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.500%
50) Toluene-d8	10.185	98	23243	43.601	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.200%
62) 4-Bromofluorobenzene	12.489	95	5377	30.791	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	61.580%

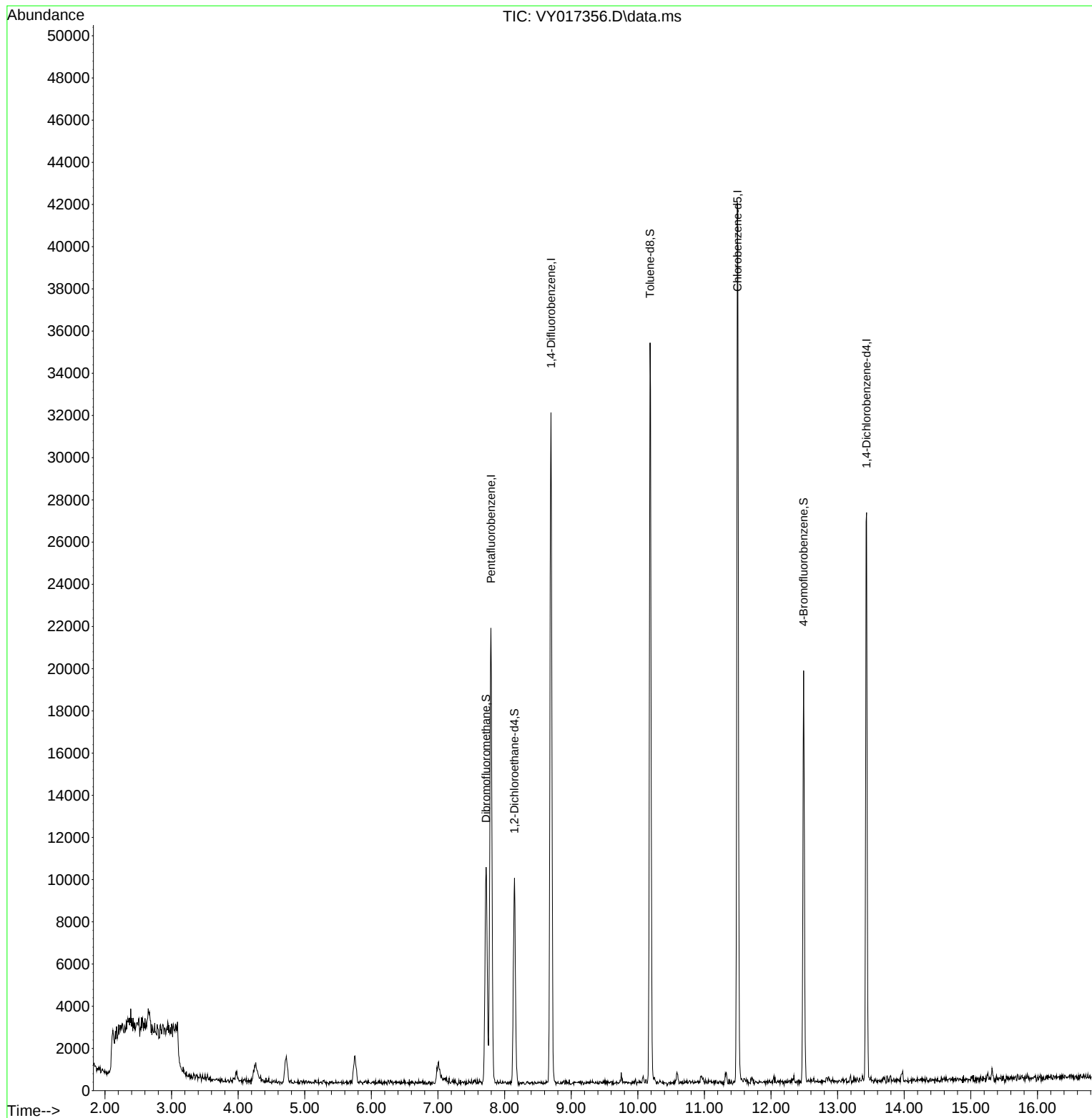
Target Compounds	Qvalue

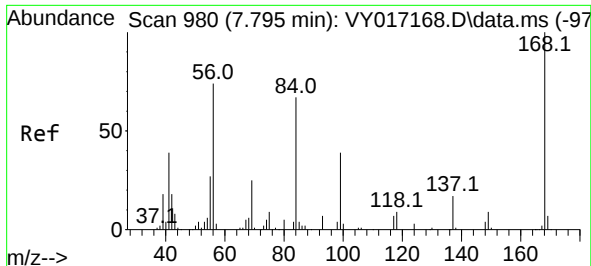
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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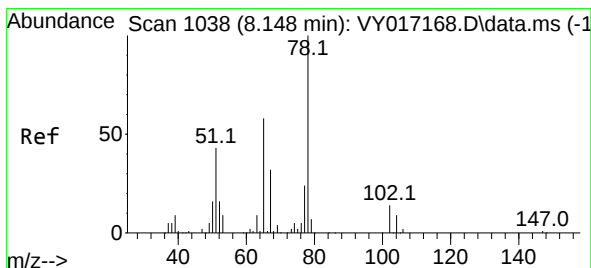
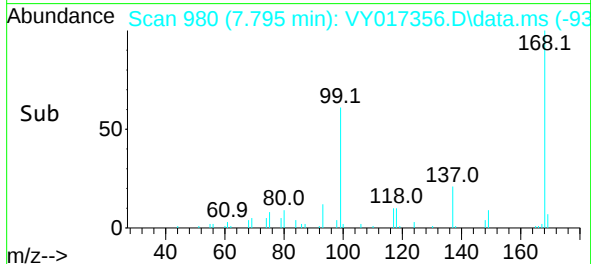
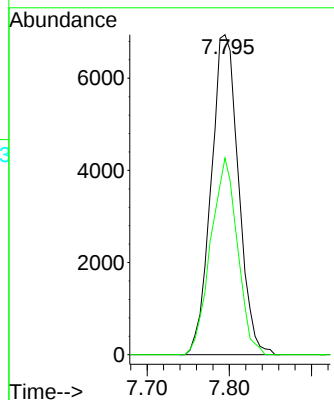
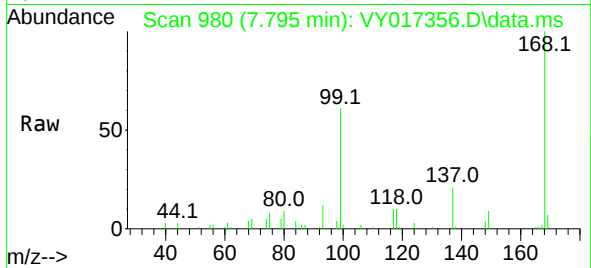




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY017356.D
Acq: 12 Feb 2024 16:19

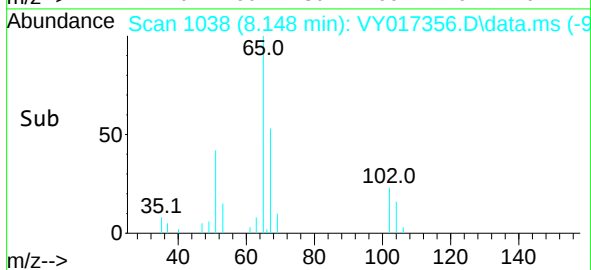
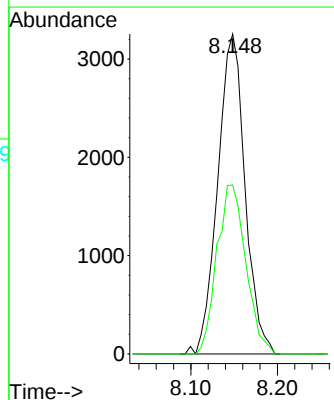
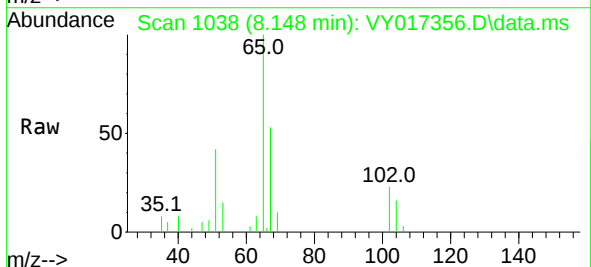
Instrument :
MSVOA_Y
ClientSampleId :
WC-GRABRE

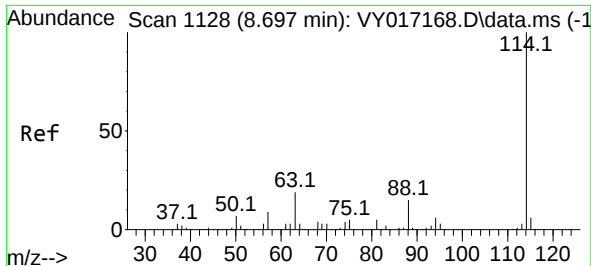
Tgt Ion:168 Resp: 16056
Ion Ratio Lower Upper
168 100
99 61.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.591 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017356.D
Acq: 12 Feb 2024 16:19

Tgt Ion: 65 Resp: 7113
Ion Ratio Lower Upper
65 100
67 56.1 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: VY017356.D

Acq: 12 Feb 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

WC-GRABRE

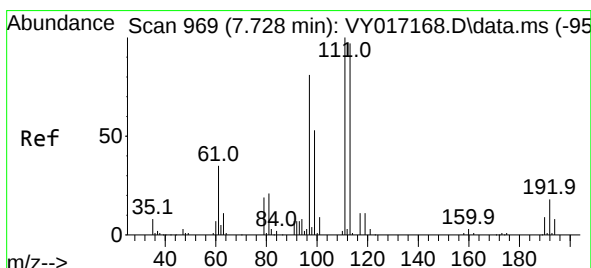
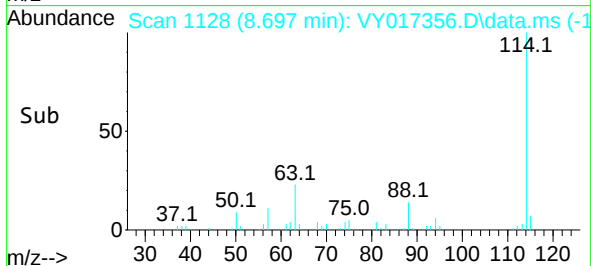
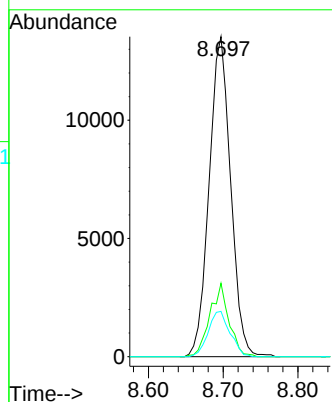
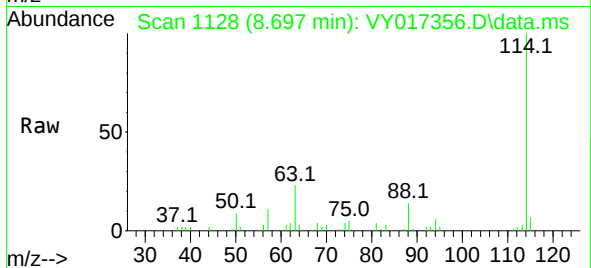
Tgt Ion:114 Resp: 27117

Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.4

88 14.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 49.749 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017356.D

Acq: 12 Feb 2024 16:19

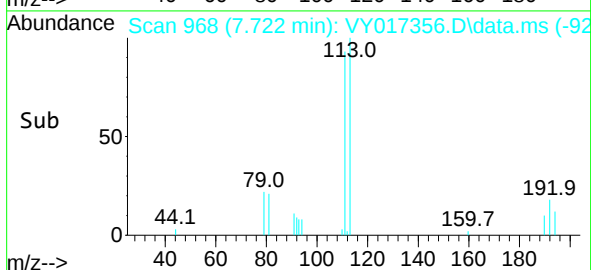
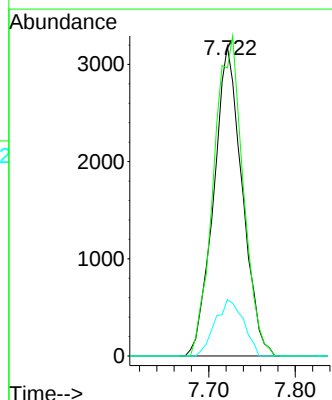
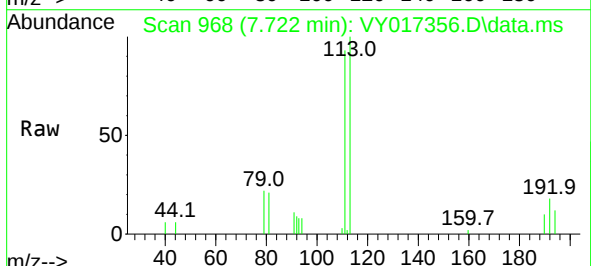
Tgt Ion:113 Resp: 7284

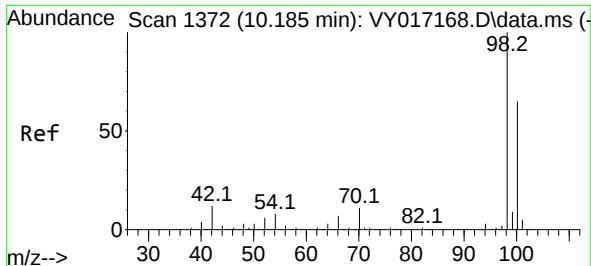
Ion Ratio Lower Upper

113 100

111 106.7 83.8 125.6

192 18.0 14.5 21.7

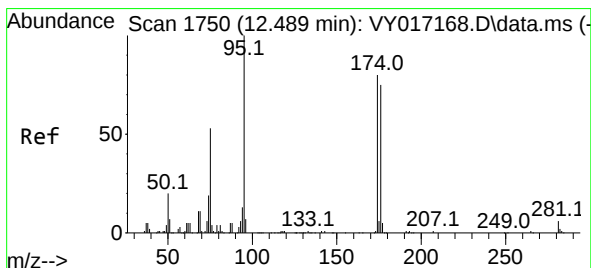
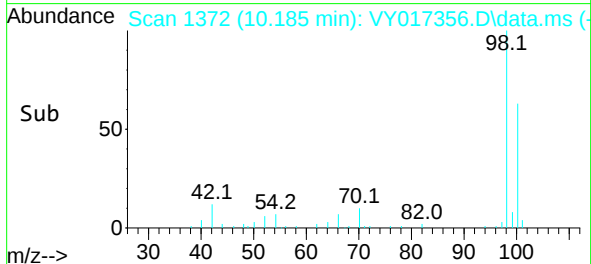
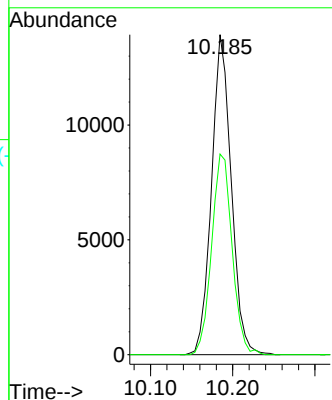
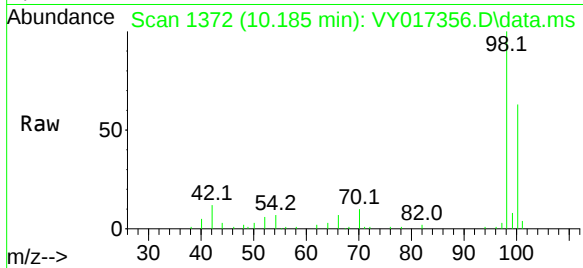




#50
Toluene-d8
Concen: 43.601 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017356.D
Acq: 12 Feb 2024 16:19

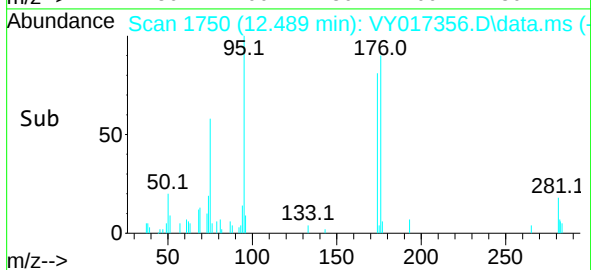
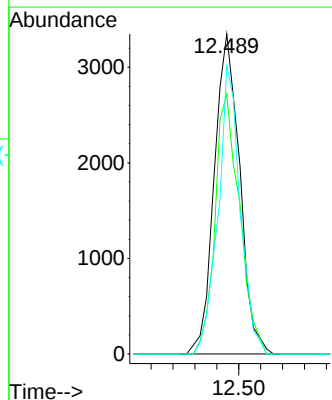
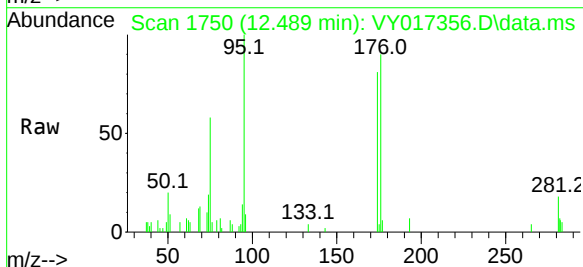
Instrument :
MSVOA_Y
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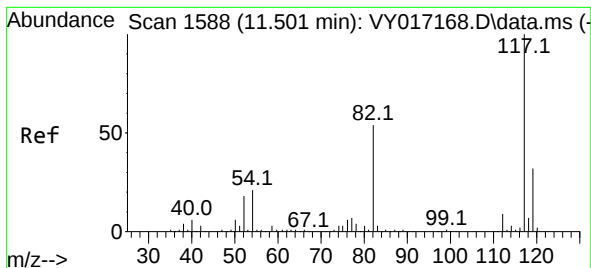
Tgt Ion: 98 Resp: 23243
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 30.791 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017356.D
Acq: 12 Feb 2024 16:19

Tgt Ion: 95 Resp: 5377
Ion Ratio Lower Upper
95 100
174 78.6 0.0 160.0
176 78.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017356.D

Acq: 12 Feb 2024 16:19

Instrument :

MSVOA_Y

ClientSampleId :

WC-GRABRE

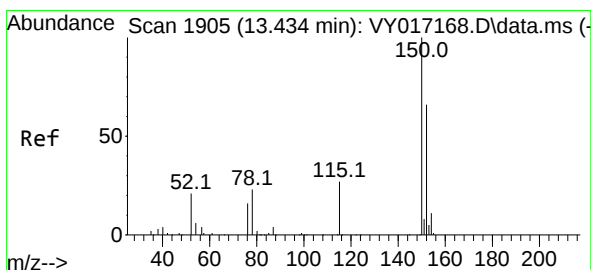
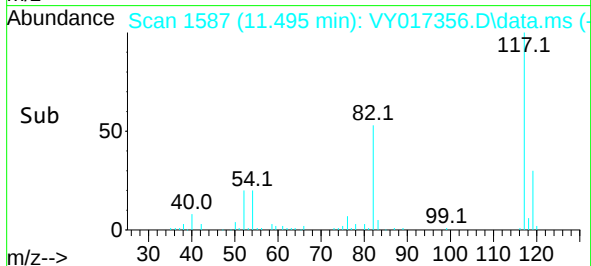
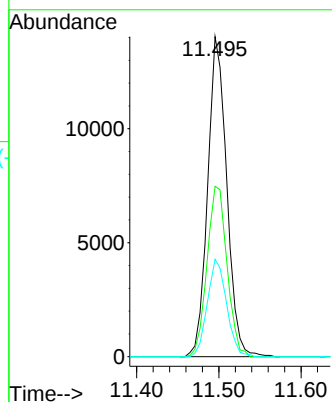
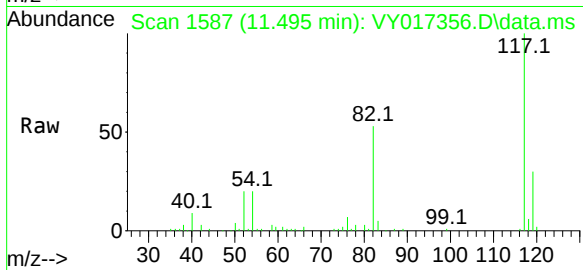
Tgt Ion:117 Resp: 22591

Ion Ratio Lower Upper

117 100

82 53.3 43.8 65.8

119 30.4 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: VY017356.D

Acq: 12 Feb 2024 16:19

Tgt Ion:152 Resp: 6586

Ion Ratio Lower Upper

152 100

115 62.5 30.0 90.0

150 166.5 0.0 344.6

