

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015790.D
 Acq On : 02 Oct 2023 20:35
 Operator : SY/MD
 Sample : 04657-10
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 W-2(2-6IN)

Quant Time: Oct 03 01:28:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

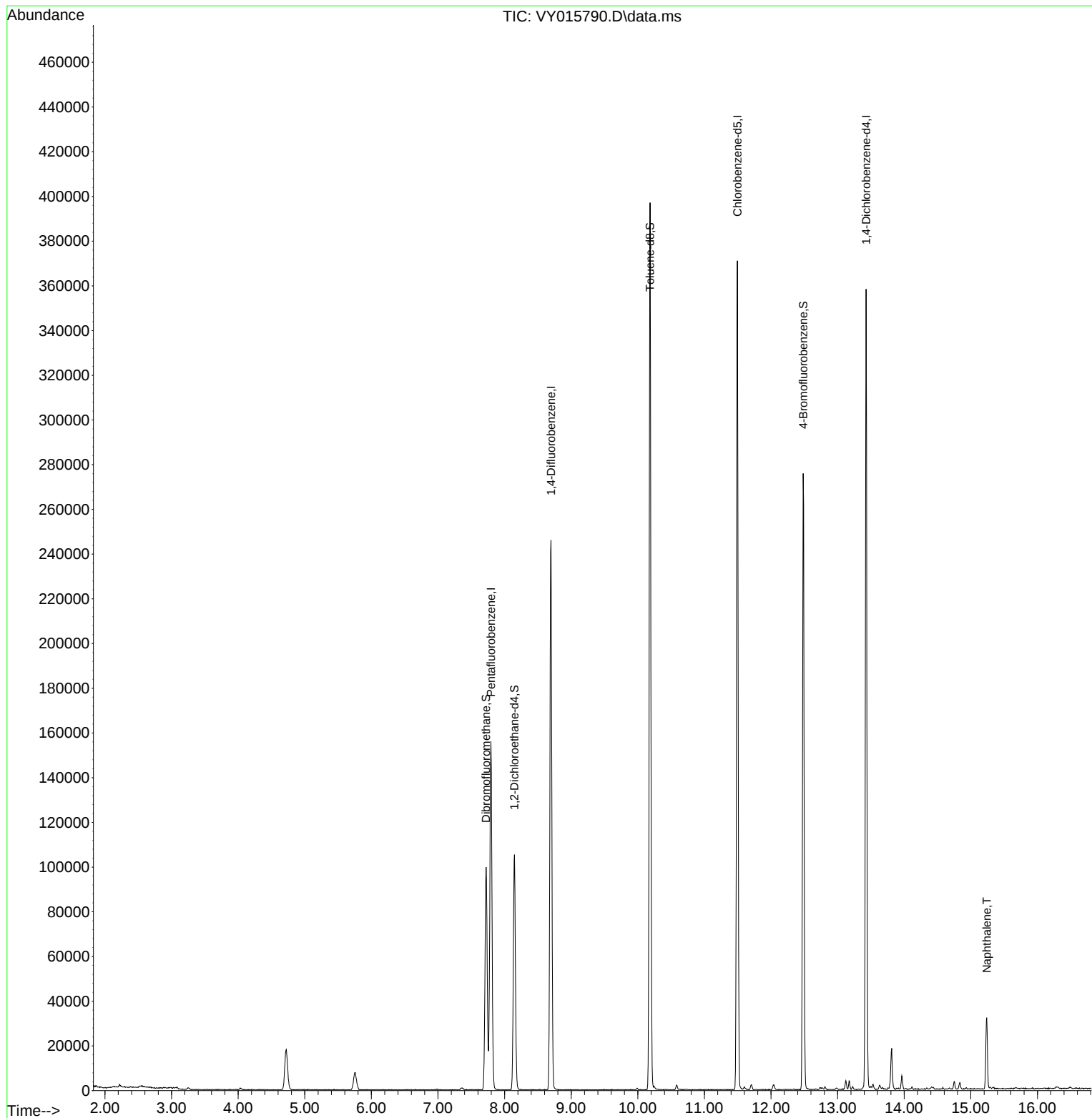
Internal Standards						
1) Pentafluorobenzene	7.795	168	122697	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	214070	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	197681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	80483	59.617	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.240%
35) Dibromofluoromethane	7.722	113	70577	55.083	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.160%
50) Toluene-d8	10.185	98	257048	59.168	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	118.340%
62) 4-Bromofluorobenzene	12.483	95	83044	48.710	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.420%
Target Compounds						
95) Naphthalene	15.239	128	26819	5.463	ug/l	Qvalue 99

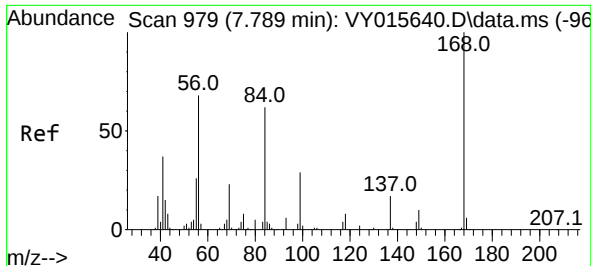
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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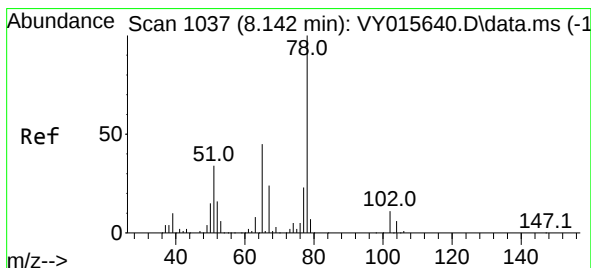
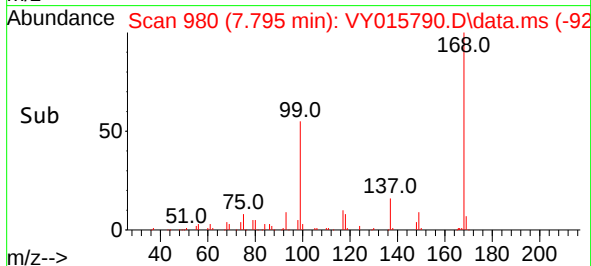
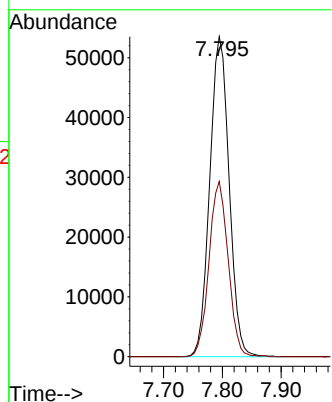
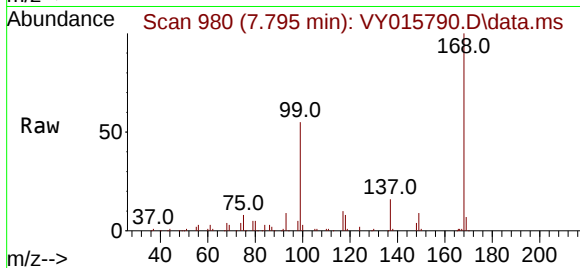




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015790.D
Acq: 02 Oct 2023 20:35

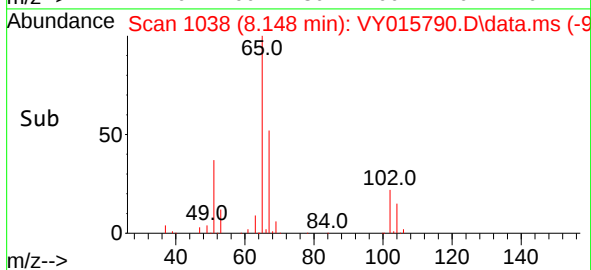
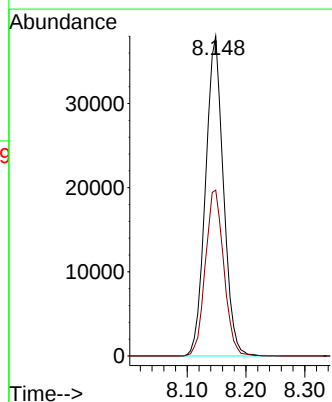
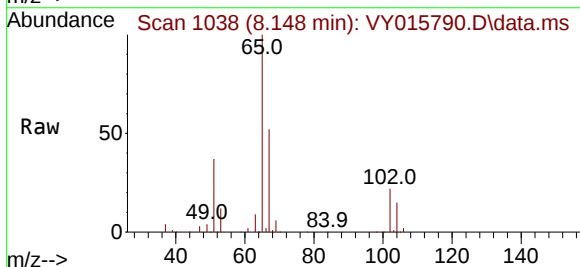
Instrument :
MSVOA_Y
ClientSampleId :
W-2(2-6IN)

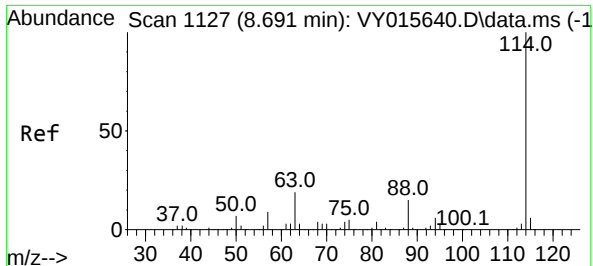
Tgt Ion:168 Resp: 122697
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 59.617 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY015790.D
Acq: 02 Oct 2023 20:35

Tgt Ion: 65 Resp: 80483
Ion Ratio Lower Upper
65 100
67 53.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.012 min

Lab File: VY015790.D

Acq: 02 Oct 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

W-2(2-6IN)

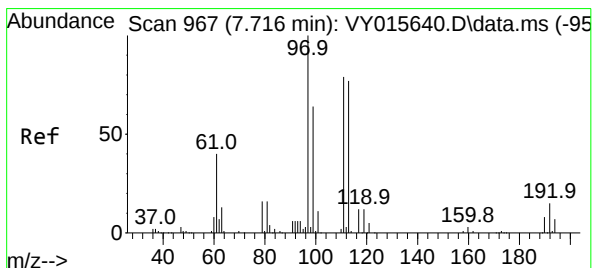
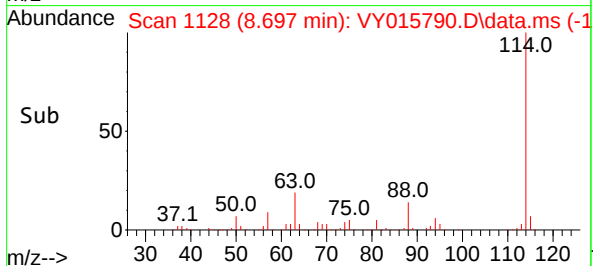
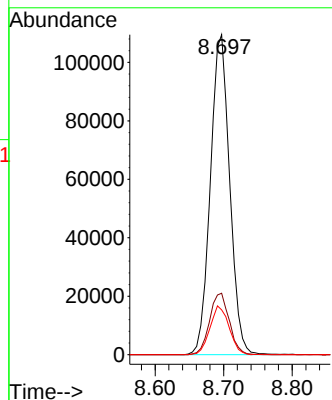
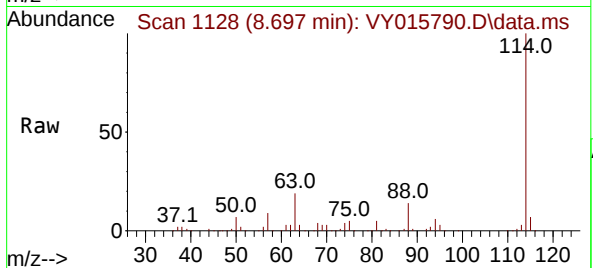
Tgt Ion:114 Resp: 214070

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 14.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.083 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015790.D

Acq: 02 Oct 2023 20:35

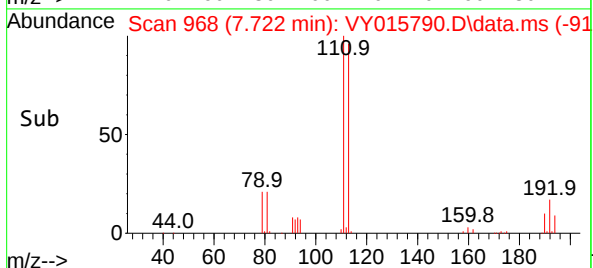
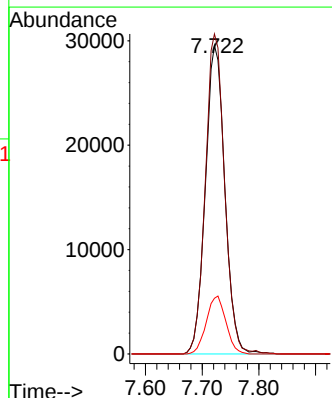
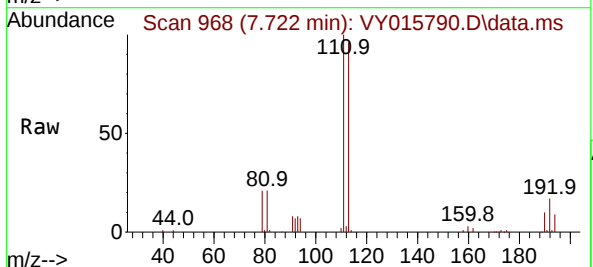
Tgt Ion:113 Resp: 70577

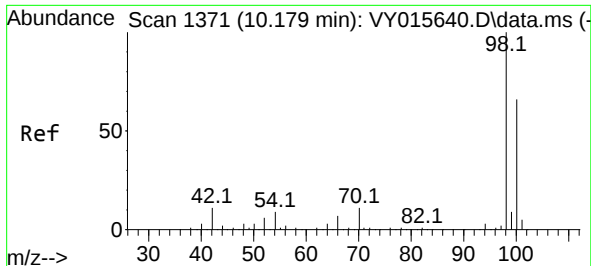
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 18.8 16.9 25.3

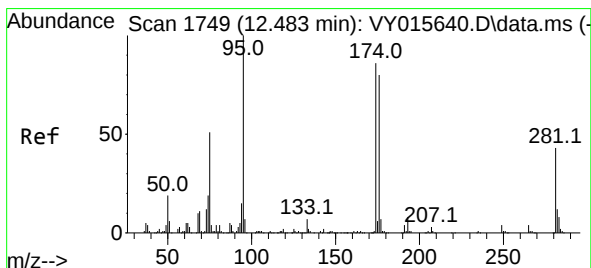
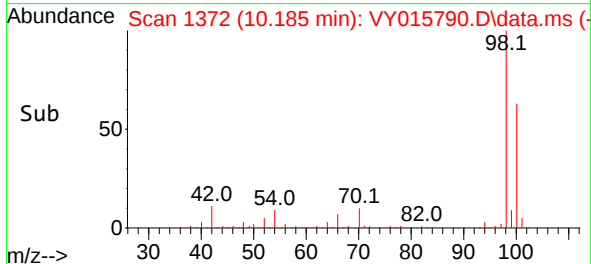
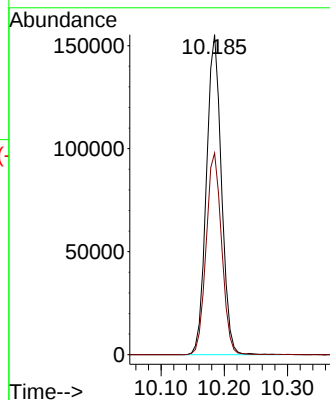
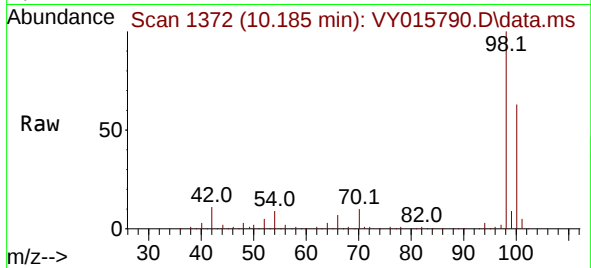




#50
Toluene-d8
Concen: 59.168 ug/l
RT: 10.185 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY015790.D
Acq: 02 Oct 2023 20:35

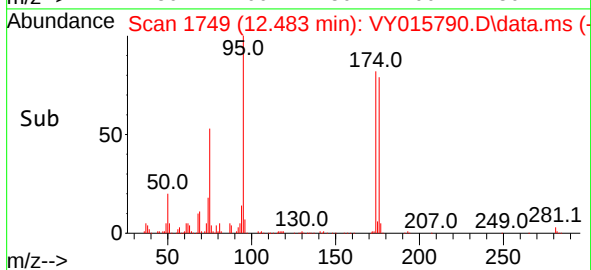
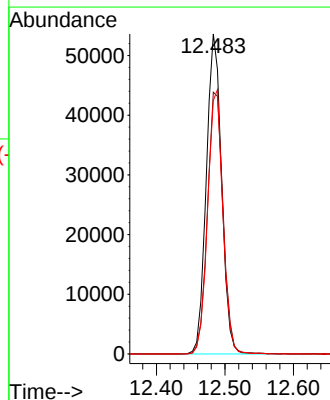
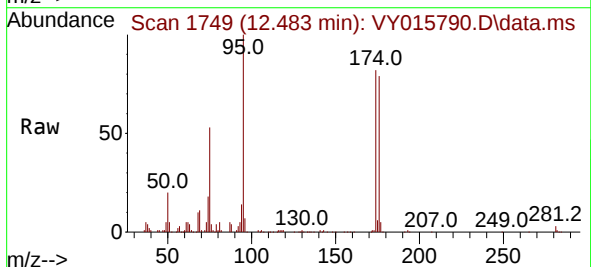
Instrument :
MSVOA_Y
ClientSampleId :
W-2(2-6IN)

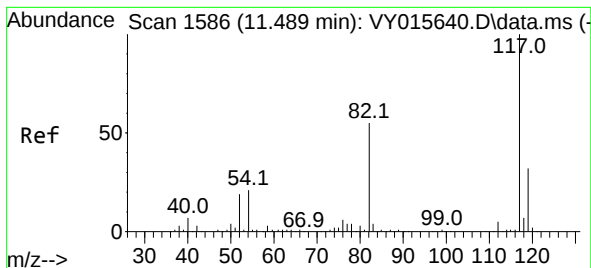
Tgt Ion: 98 Resp: 257048
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.710 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015790.D
Acq: 02 Oct 2023 20:35

Tgt Ion: 95 Resp: 83044
Ion Ratio Lower Upper
95 100
174 84.3 0.0 178.2
176 81.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015790.D

Acq: 02 Oct 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

W-2(2-6IN)

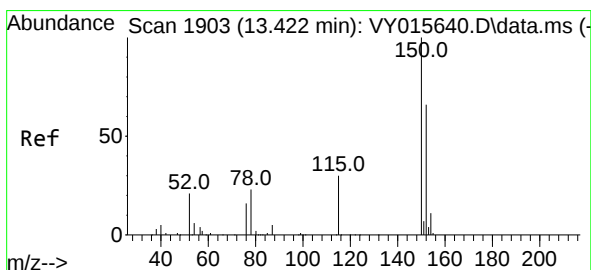
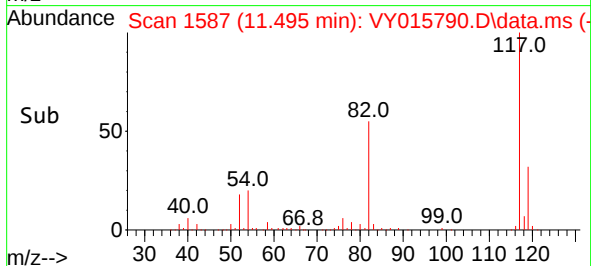
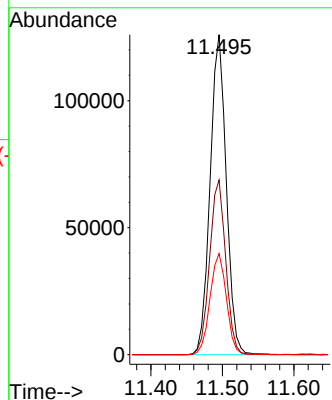
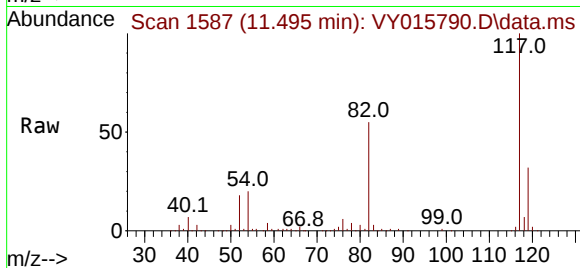
Tgt Ion:117 Resp: 197681

Ion Ratio Lower Upper

117 100

82 54.6 43.4 65.0

119 31.6 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015790.D

Acq: 02 Oct 2023 20:35

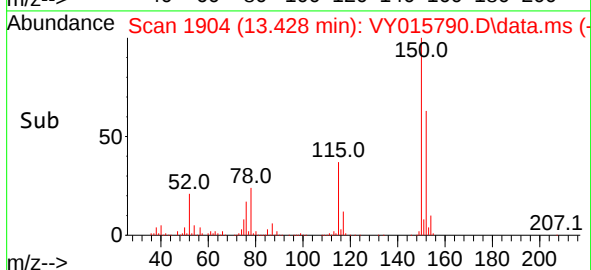
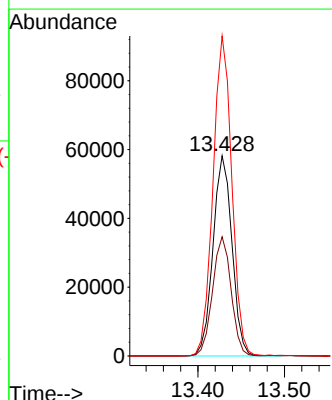
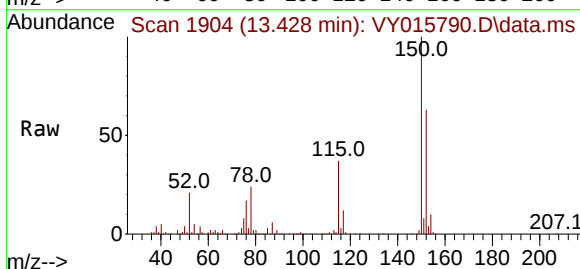
Tgt Ion:152 Resp: 88687

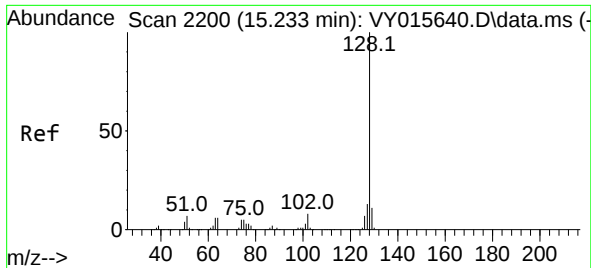
Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

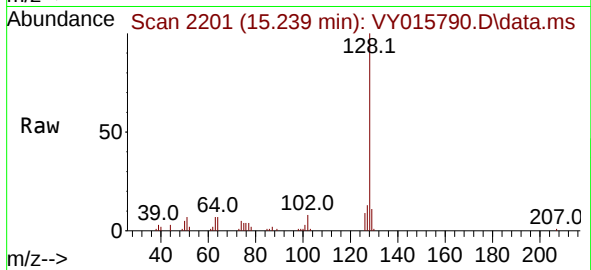
150 158.3 0.0 348.8





#95
Naphthalene
Concen: 5.463 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY015790.D
Acq: 02 Oct 2023 20:35

Instrument :
MSVOA_Y
ClientSampleId :
W-2(2-6IN)



Tgt Ion:128 Resp: 26819
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 11.2 8.6 13.0

