

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015789.D
 Acq On : 02 Oct 2023 20:12
 Operator : SY/MD
 Sample : 04657-12
 Misc : 5.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 W-1(2-6IN)

Quant Time: Oct 03 01:28:24 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)

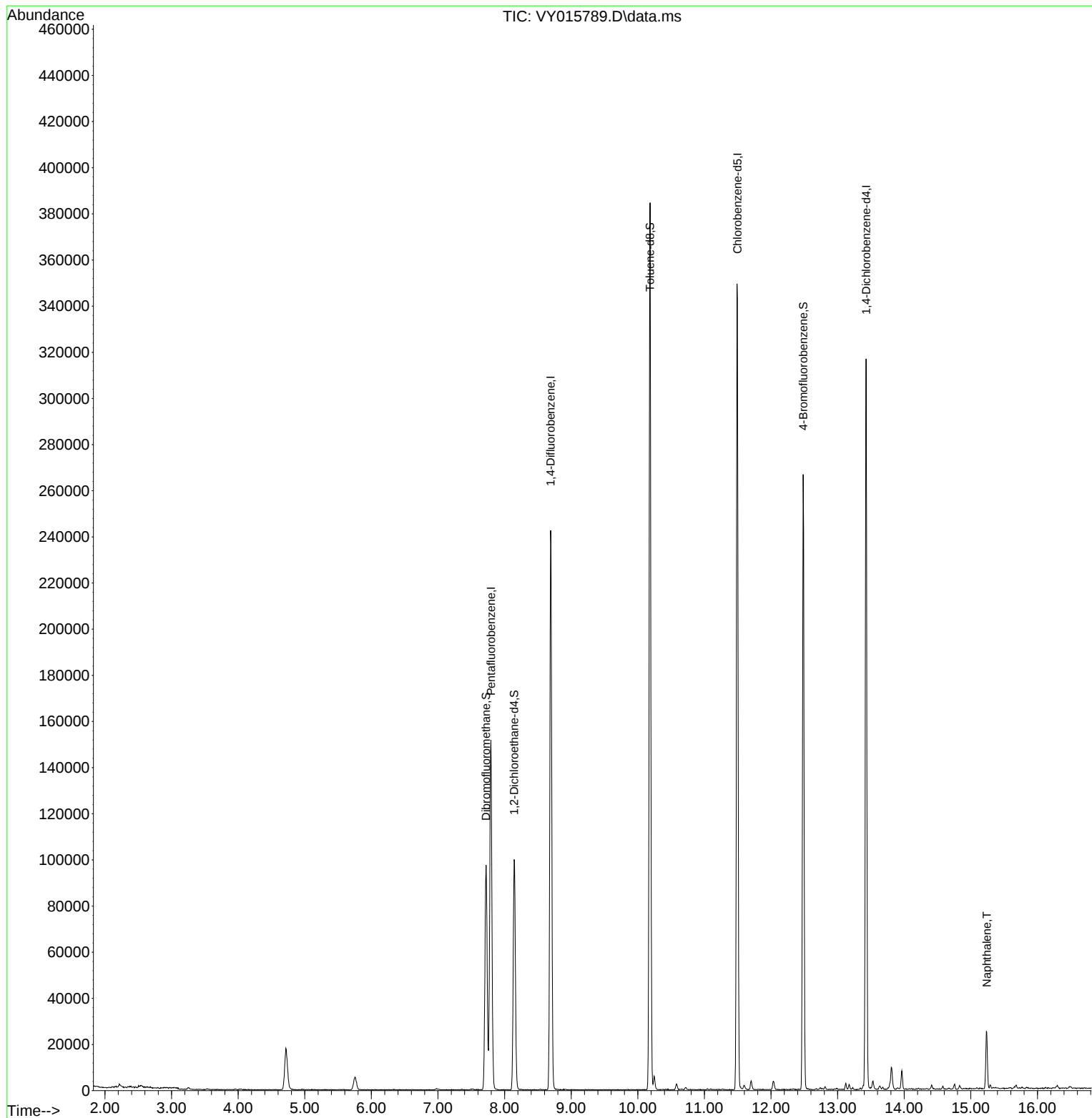
Internal Standards						
1) Pentafluorobenzene	7.795	168	118753	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	211232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	193068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	78505	60.083	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.160%	
35) Dibromofluoromethane	7.722	113	68980	54.560	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.120%	
50) Toluene-d8	10.185	98	250419	58.417	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.840%	
62) 4-Bromofluorobenzene	12.483	95	79487	47.250	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.500%	
Target Compounds						
95) Naphthalene	15.239	128	20882	4.680	ug/l	Qvalue 98

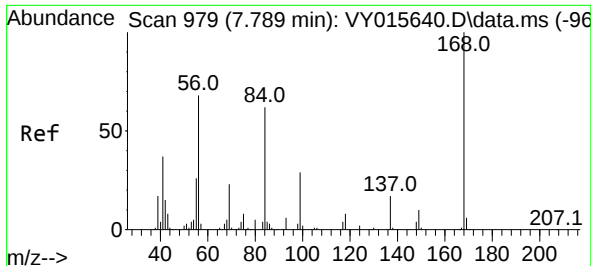
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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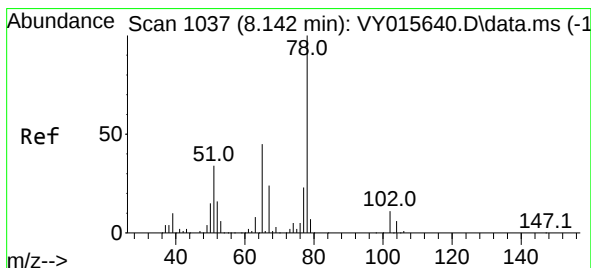
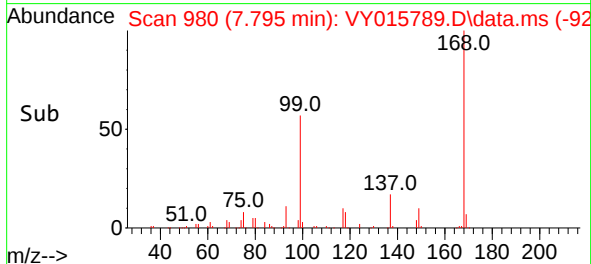
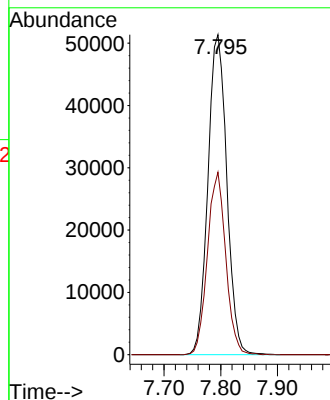
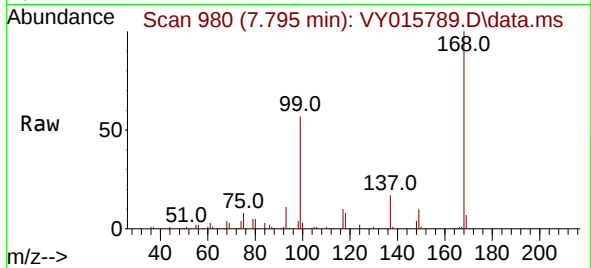




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015789.D
Acq: 02 Oct 2023 20:12

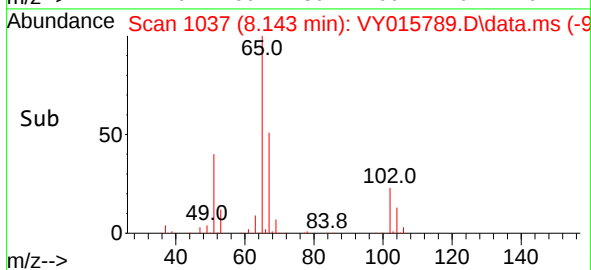
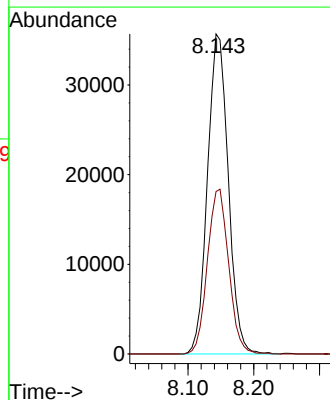
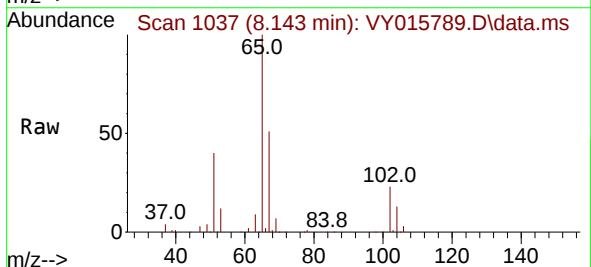
Instrument :
MSVOA_Y
ClientSampleId :
W-1(2-6IN)

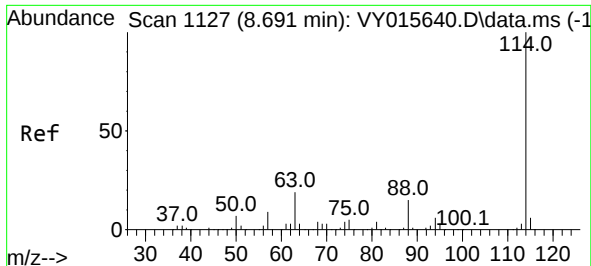
Tgt Ion:168 Resp: 118753
Ion Ratio Lower Upper
168 100
99 57.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 60.083 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY015789.D
Acq: 02 Oct 2023 20:12

Tgt Ion: 65 Resp: 78505
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015789.D

Acq: 02 Oct 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

W-1(2-6IN)

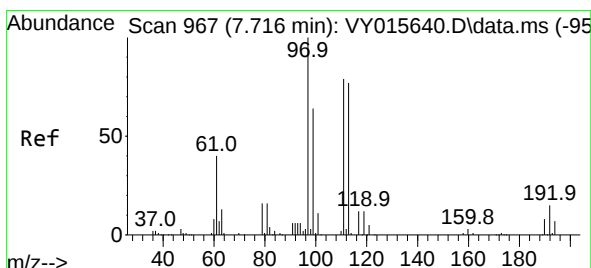
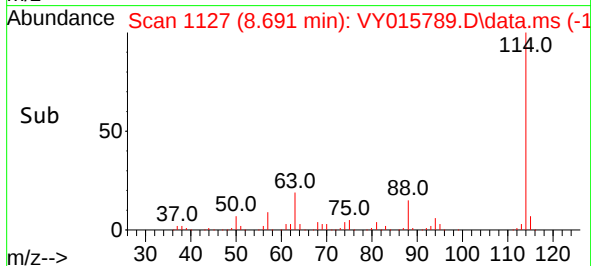
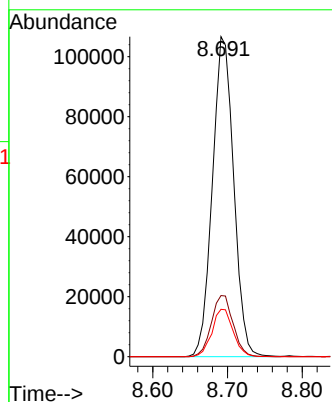
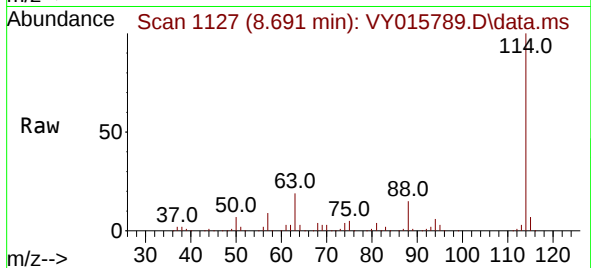
Tgt Ion:114 Resp: 211232

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.560 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015789.D

Acq: 02 Oct 2023 20:12

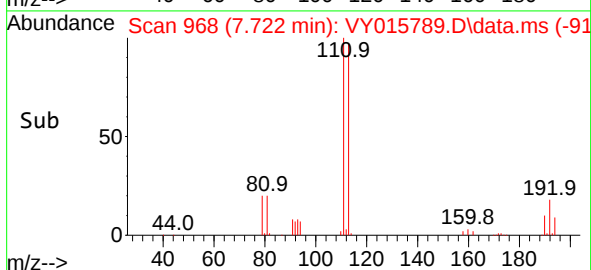
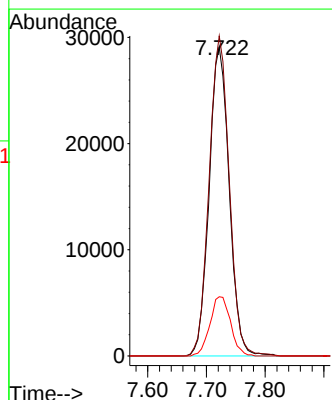
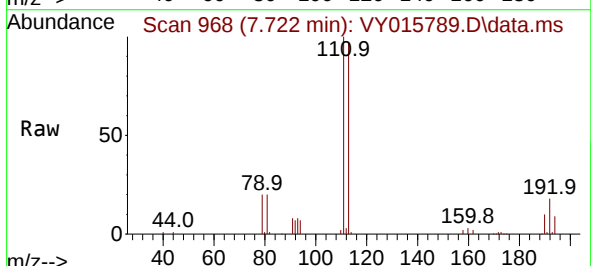
Tgt Ion:113 Resp: 68980

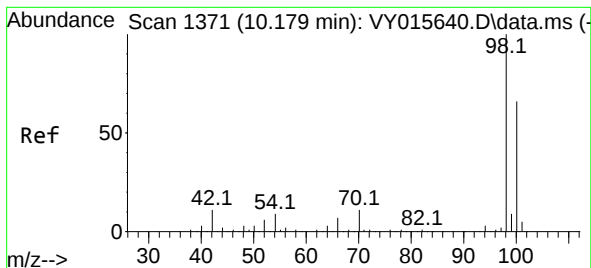
Ion Ratio Lower Upper

113 100

111 103.9 81.3 121.9

192 19.7 16.9 25.3





#50

Toluene-d8

Concen: 58.417 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015789.D

Acq: 02 Oct 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

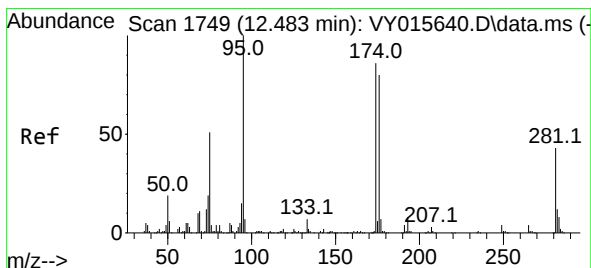
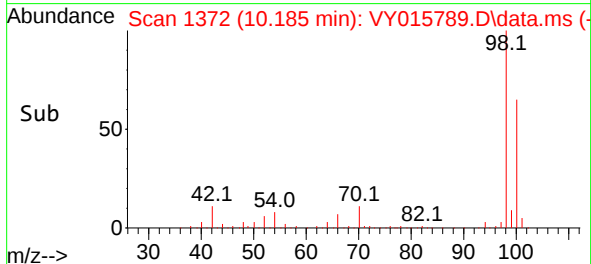
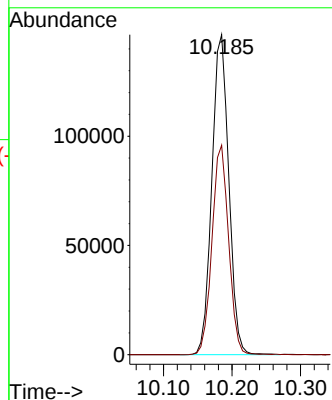
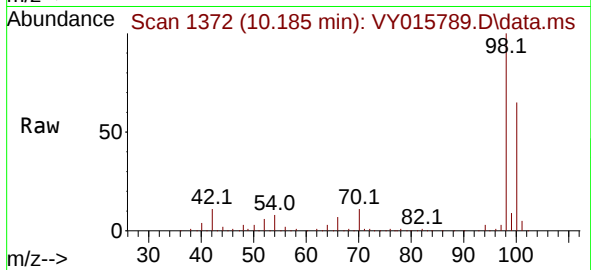
W-1(2-6IN)

Tgt Ion: 98 Resp: 250419

Ion Ratio Lower Upper

98 100

100 64.5 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 47.250 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015789.D

Acq: 02 Oct 2023 20:12

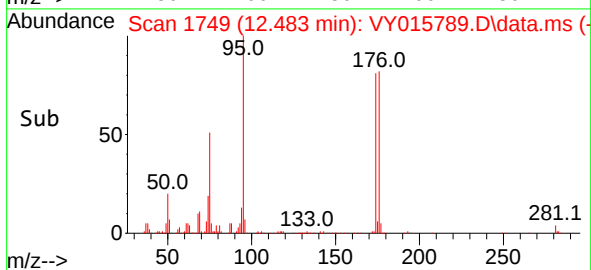
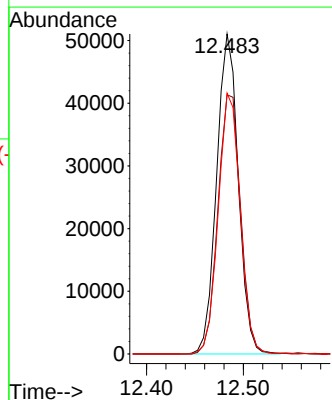
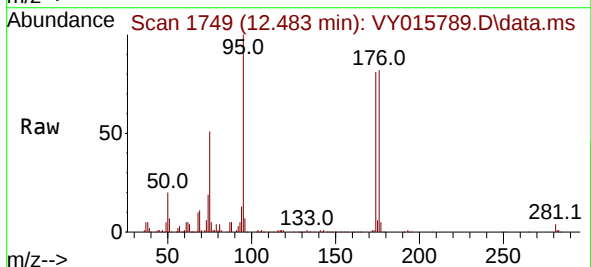
Tgt Ion: 95 Resp: 79487

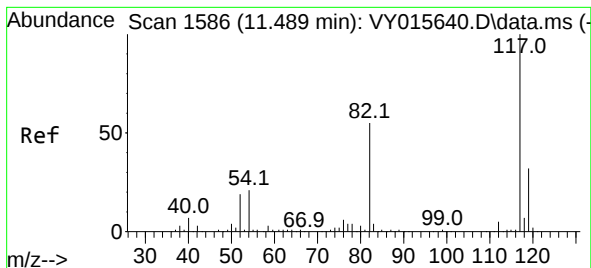
Ion Ratio Lower Upper

95 100

174 84.7 0.0 178.2

176 82.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015789.D

Acq: 02 Oct 2023 20:12

Instrument :

MSVOA_Y

ClientSampleId :

W-1(2-6IN)

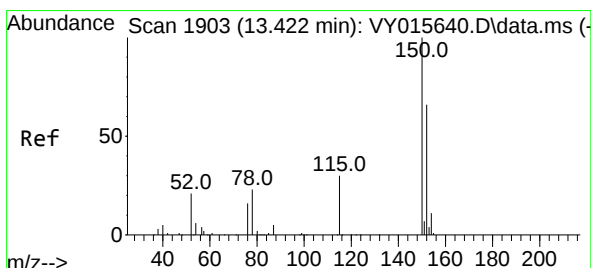
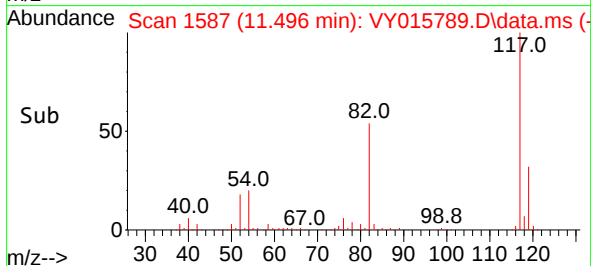
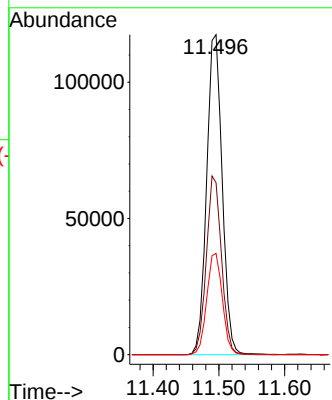
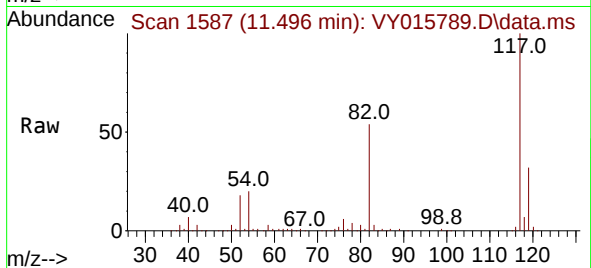
Tgt Ion:117 Resp: 193068

Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.0

119 31.7 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: VY015789.D

Acq: 02 Oct 2023 20:12

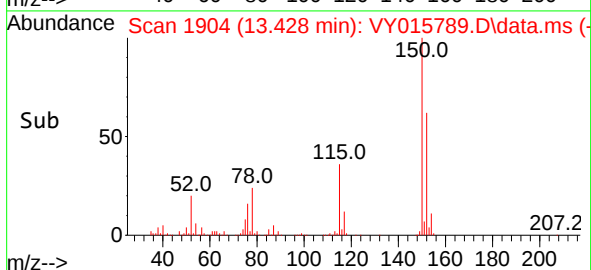
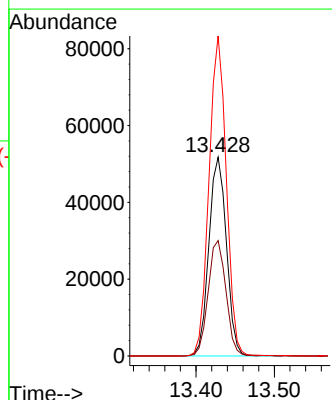
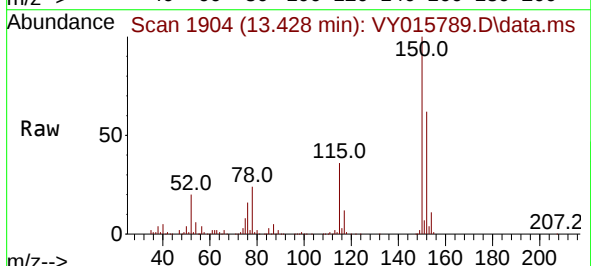
Tgt Ion:152 Resp: 80603

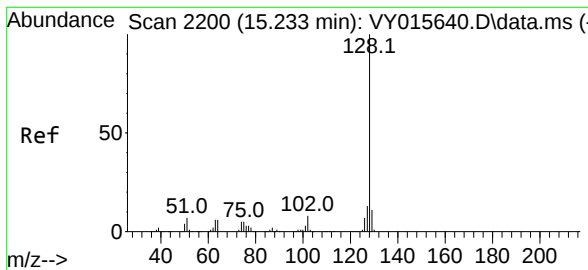
Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

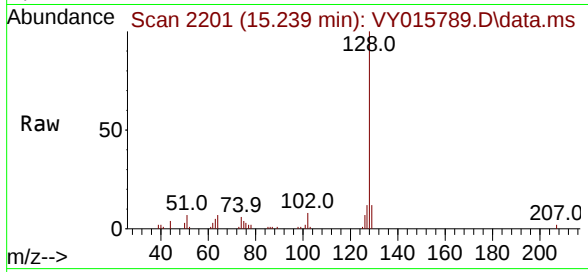
150 158.1 0.0 348.8





#95
Naphthalene
Concen: 4.680 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY015789.D
Acq: 02 Oct 2023 20:12

Instrument :
MSVOA_Y
ClientSampleId :
W-1(2-6IN)



Tgt Ion:	128	Resp:	20882
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.8	16.2
129	12.5	8.6	13.0

