

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017071.D
 Acq On : 22 Jan 2024 13:32
 Operator : SY/MD
 Sample : P1188-02
 Misc : 4.27g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOUTH-JERSEY-PORT-SAMPLE-SET-2-B

Quant Time: Jan 23 01:45:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	100990	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	213196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	168809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	38087	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	42494	42.573	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.140%
35) Dibromofluoromethane	7.740	113	48960	36.038	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.080%
50) Toluene-d8	10.197	98	178362	38.126	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.260%
62) 4-Bromofluorobenzene	12.502	95	39847	25.246	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	50.500%

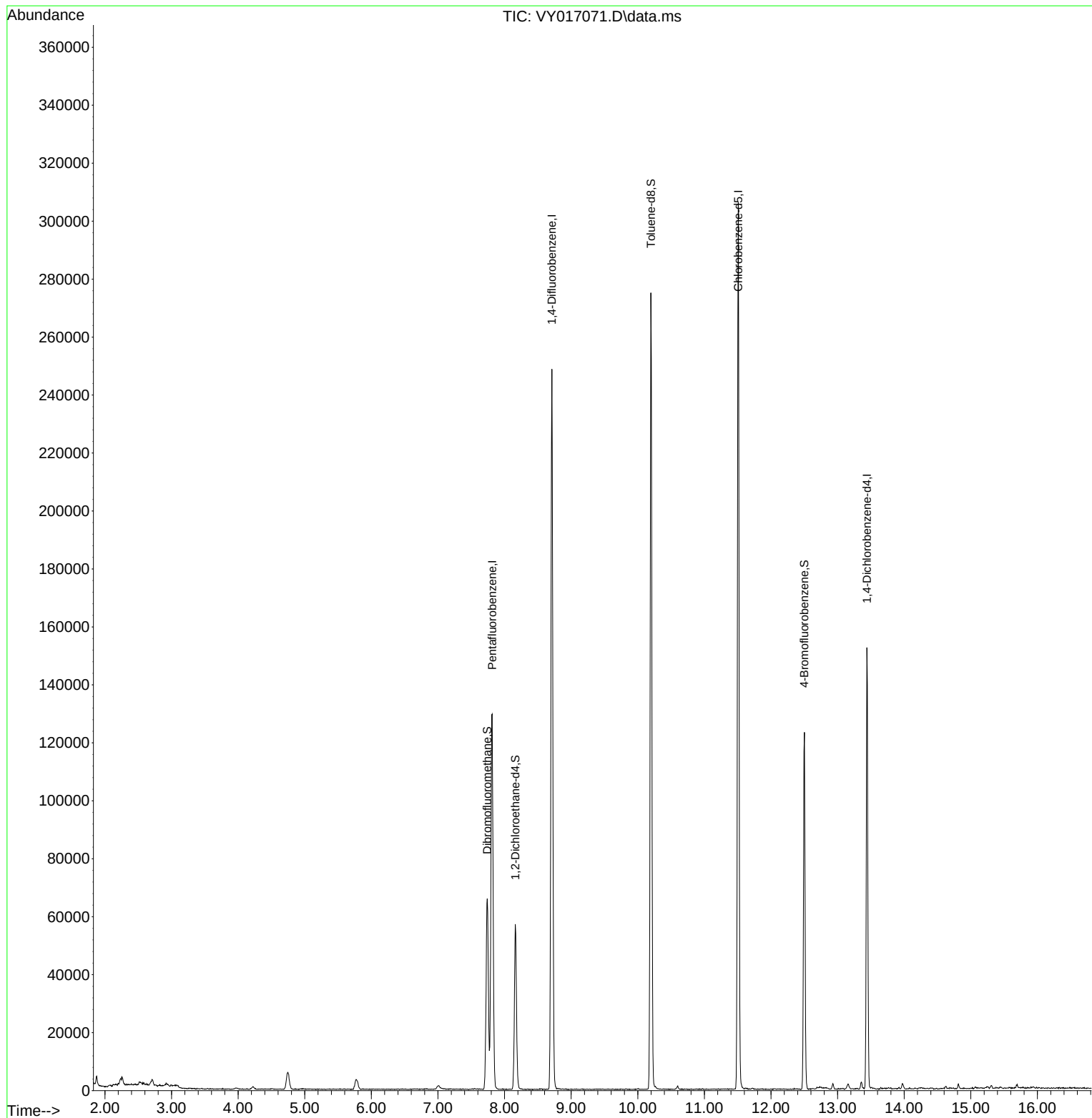
Target Compounds	Qvalue

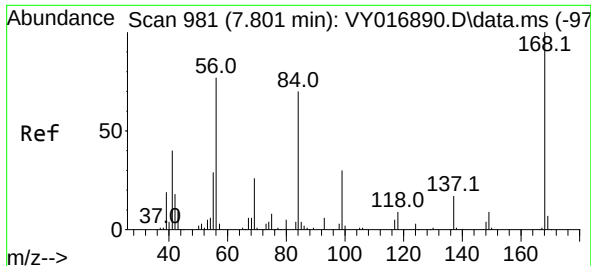
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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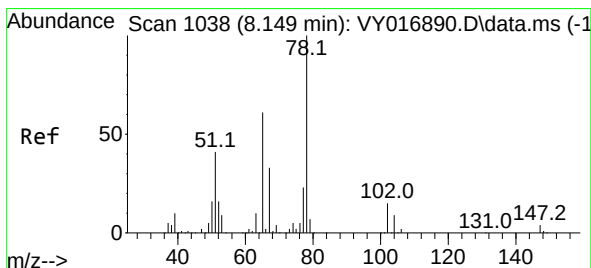
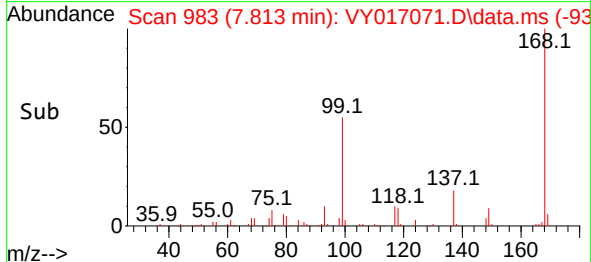
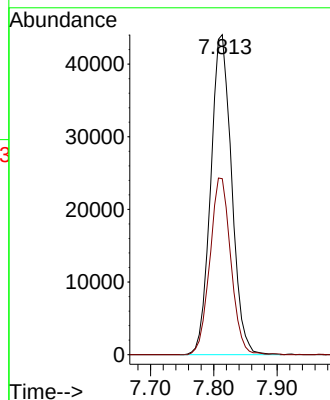
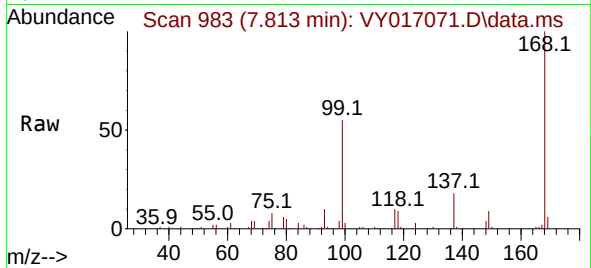




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017071.D
Acq: 22 Jan 2024 13:32

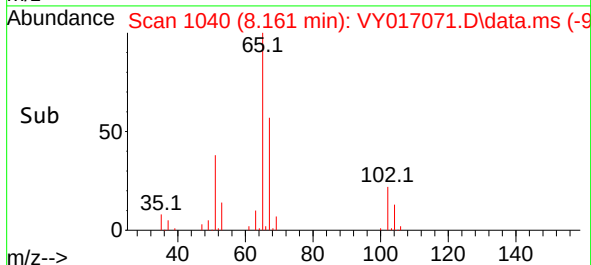
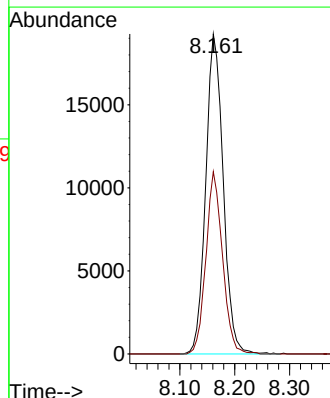
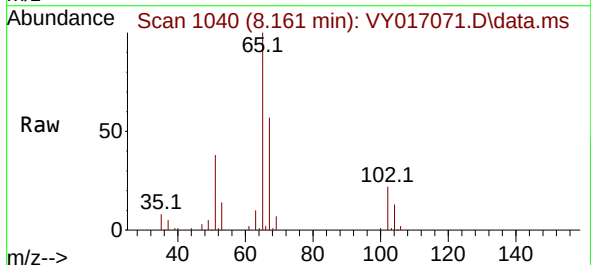
Instrument :
MSVOA_Y
ClientSampleId :
SOUTH-JERSEY-PORT-SAMPLE-SET-2-B

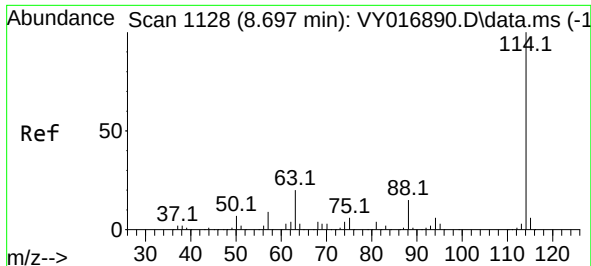
Tgt Ion:168 Resp: 100990
Ion Ratio Lower Upper
168 100
99 55.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 42.573 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY017071.D
Acq: 22 Jan 2024 13:32

Tgt Ion: 65 Resp: 42494
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1128

Delta R.T. 0.007 min

Lab File: VY017071.D

Acq: 22 Jan 2024 13:32

Instrument :

MSVOA_Y

ClientSampleId :

SOUTH-JERSEY-PORT-SAMPLE-SET-2-B

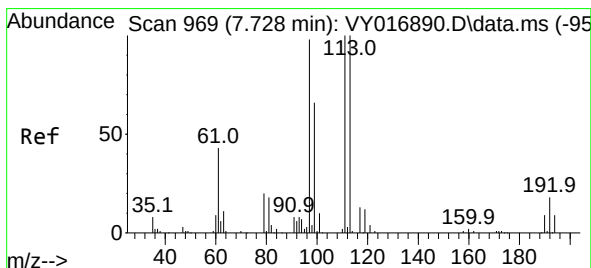
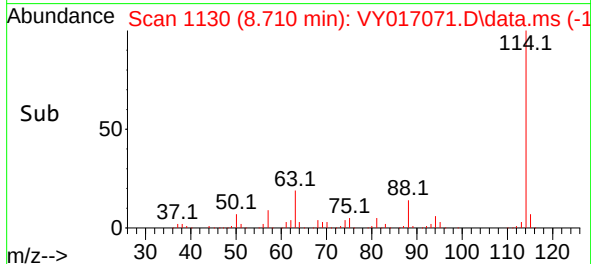
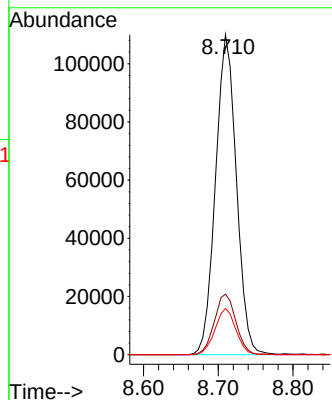
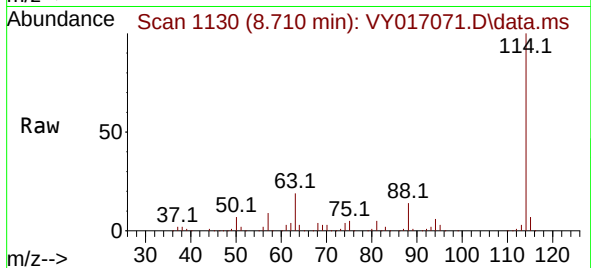
Tgt Ion:114 Resp: 213196

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 36.038 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY017071.D

Acq: 22 Jan 2024 13:32

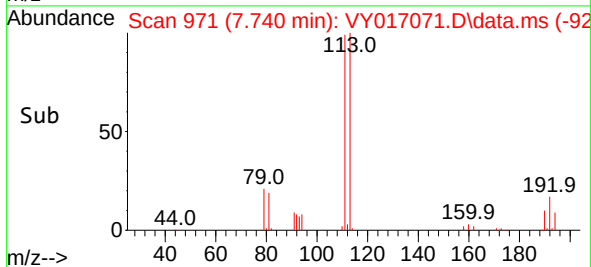
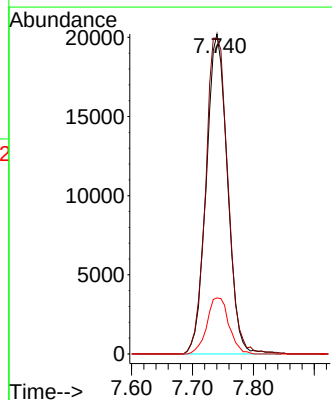
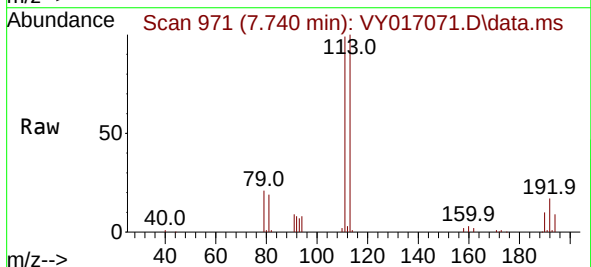
Tgt Ion:113 Resp: 48960

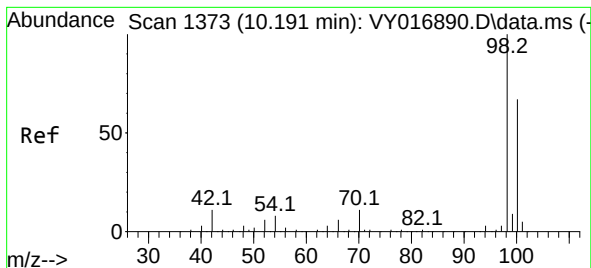
Ion Ratio Lower Upper

113 100

111 103.6 83.8 125.6

192 18.1 14.5 21.7





#50

Toluene-d8

Concen: 38.126 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017071.D

Acq: 22 Jan 2024 13:32

Instrument :

MSVOA_Y

ClientSampleId :

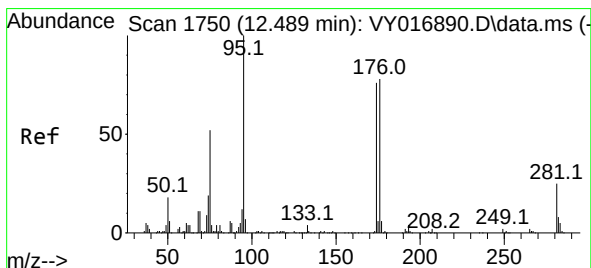
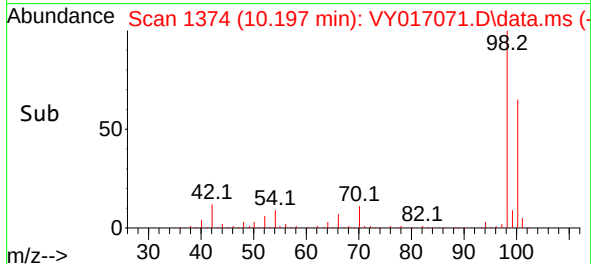
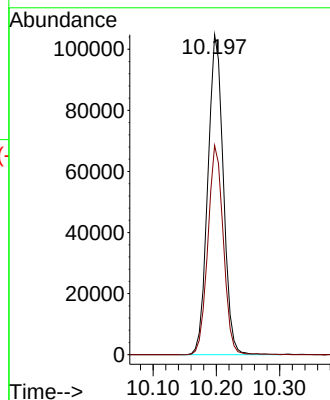
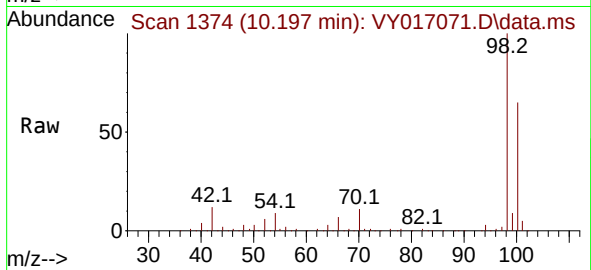
SOUTH-JERSEY-PORT-SAMPLE-SET-2-B

Tgt Ion: 98 Resp: 178362

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 25.246 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.013 min

Lab File: VY017071.D

Acq: 22 Jan 2024 13:32

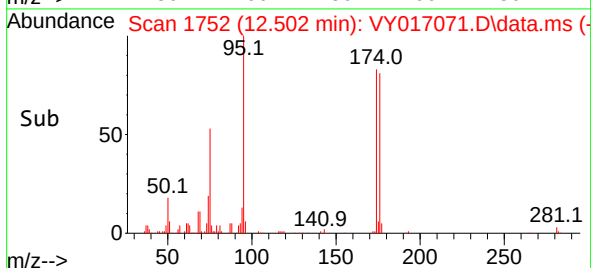
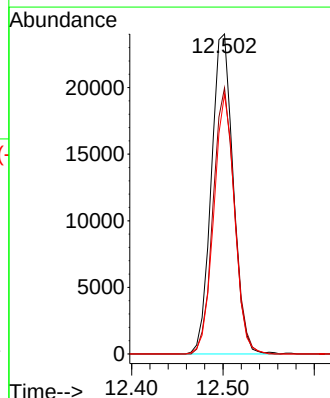
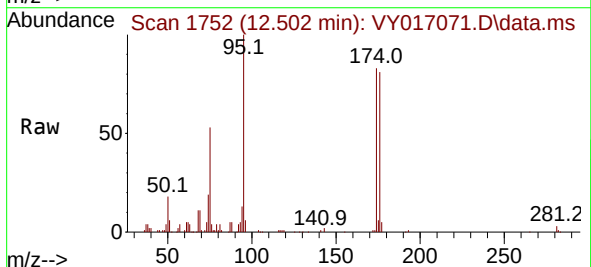
Tgt Ion: 95 Resp: 39847

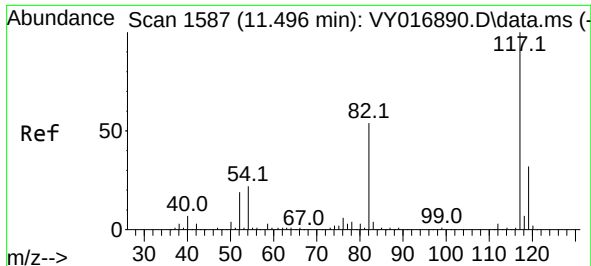
Ion Ratio Lower Upper

95 100

174 81.4 0.0 160.0

176 77.4 0.0 151.8

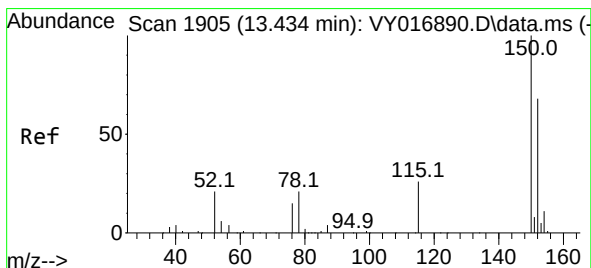
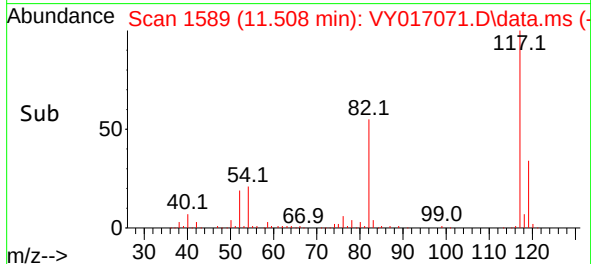
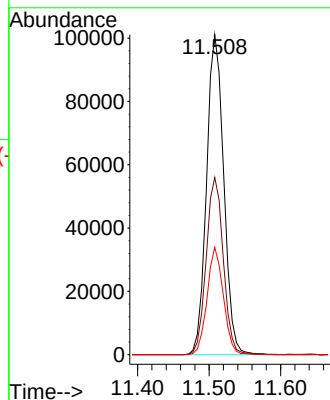
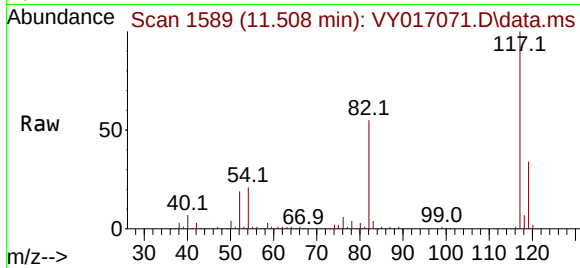




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017071.D
Acq: 22 Jan 2024 13:32

Instrument :
MSVOA_Y
ClientSampleId :
SOUTH-JERSEY-PORT-SAMPLE-SET-2-B

Tgt Ion:117 Resp: 168809
Ion Ratio Lower Upper
117 100
82 55.4 43.8 65.8
119 33.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017071.D
Acq: 22 Jan 2024 13:32

Tgt Ion:152 Resp: 38087
Ion Ratio Lower Upper
152 100
115 60.1 30.0 90.0
150 158.2 0.0 344.6

