

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017025.D
 Acq On : 17 Jan 2024 20:48
 Operator : SY/MD
 Sample : P1156-05
 Misc : 3.51g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8-9.0-9.5

Quant Time: Jan 18 00:48:36 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	7.832	168	99583	50.000	ug/l	0.03
34) 1,4-Difluorobenzene	8.728	114	217394	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.520	117	209017	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.453	152	79369	50.000	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.179	65	49962	50.762	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.520%
35) Dibromofluoromethane	7.759	113	51147	36.921	ug/l	0.03
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.840%
50) Toluene-d8	10.215	98	190112	39.853	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.700%
62) 4-Bromofluorobenzene	12.508	95	60523	37.605	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.200%

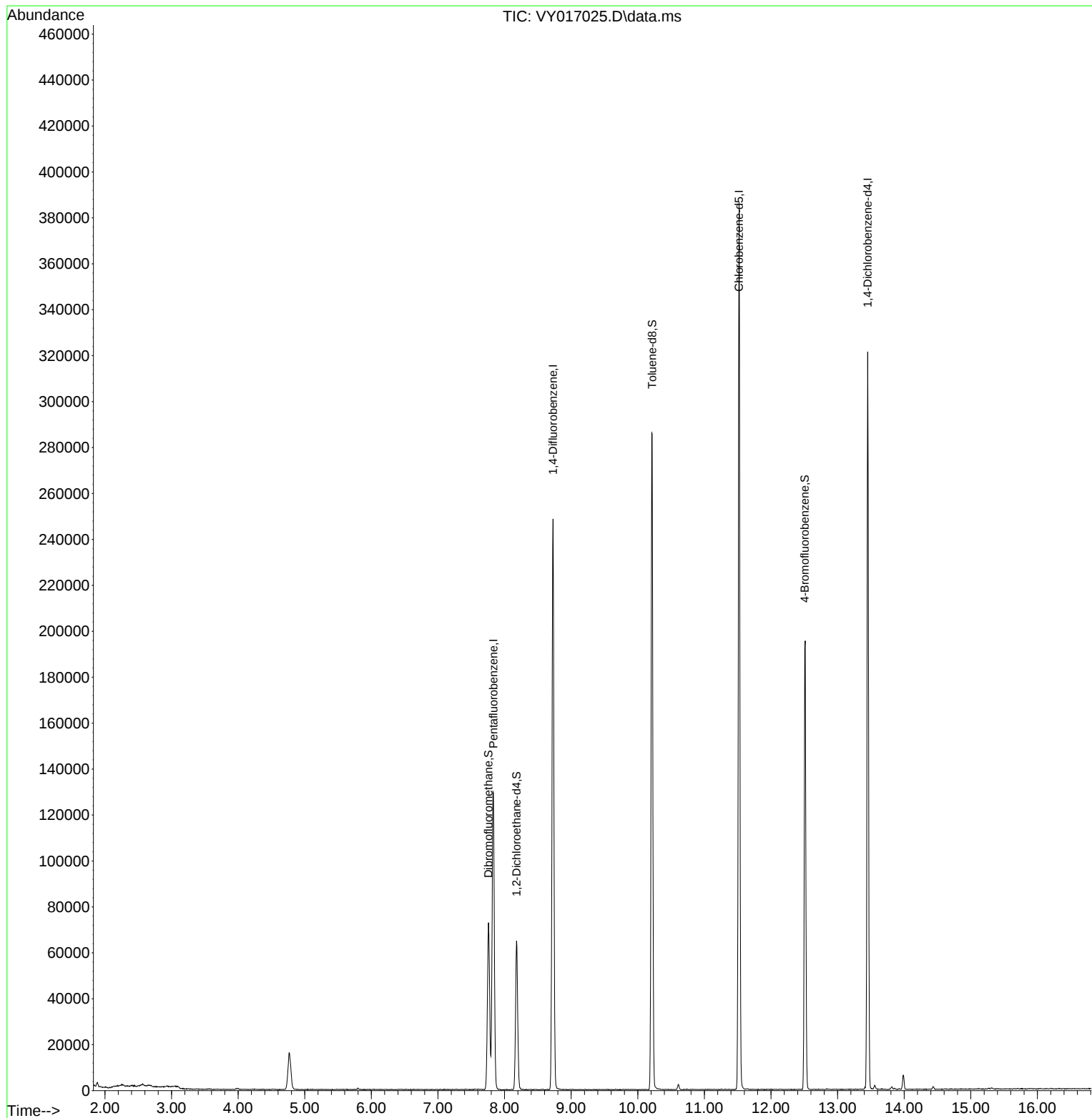
Target Compounds	Qvalue

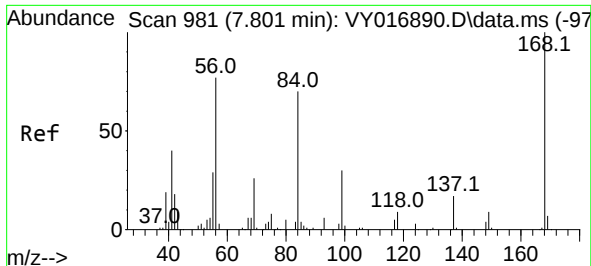
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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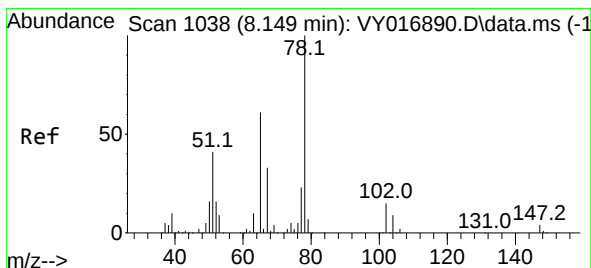
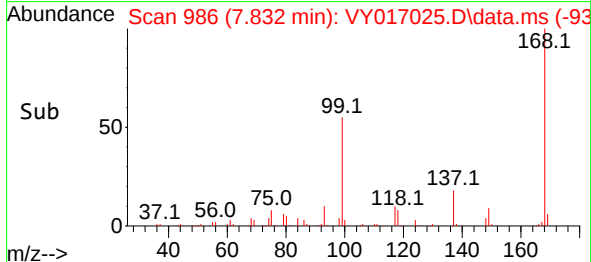
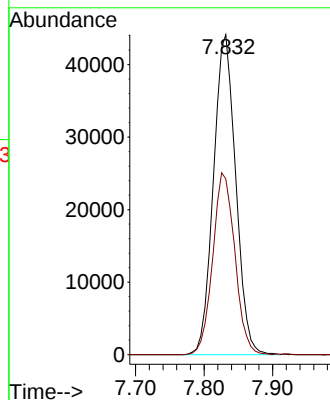
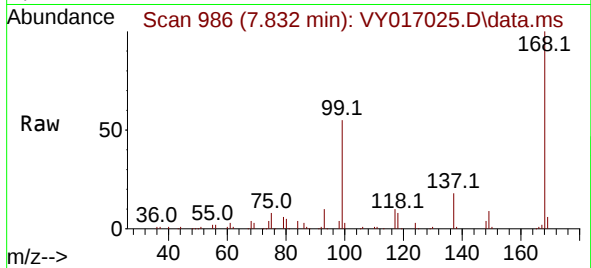




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.832 min Scan# 91
Delta R.T. 0.031 min
Lab File: VY017025.D
Acq: 17 Jan 2024 20:48

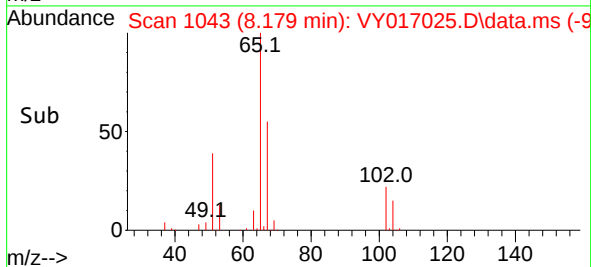
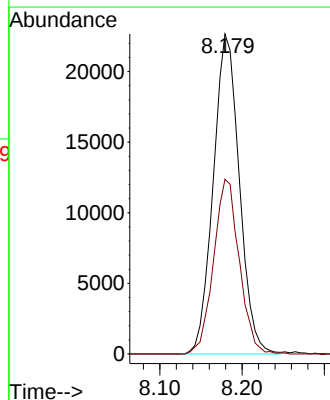
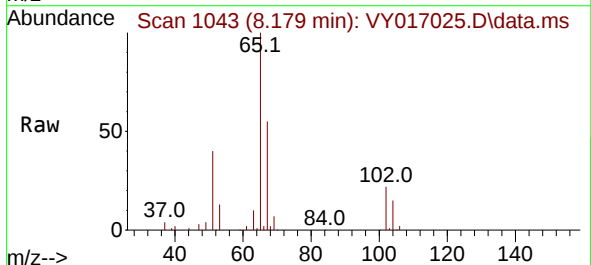
Instrument :
MSVOA_Y
ClientSampleId :
SB-8-9.0-9.5

Tgt Ion:168 Resp: 99583
Ion Ratio Lower Upper
168 100
99 55.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 50.762 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.024 min
Lab File: VY017025.D
Acq: 17 Jan 2024 20:48

Tgt Ion: 65 Resp: 49962
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.728 min Scan# 1128

Delta R.T. 0.025 min

Lab File: VY017025.D

Acq: 17 Jan 2024 20:48

Instrument :

MSVOA_Y

ClientSampleId :

SB-8-9.0-9.5

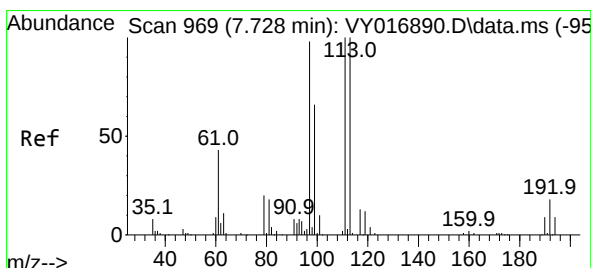
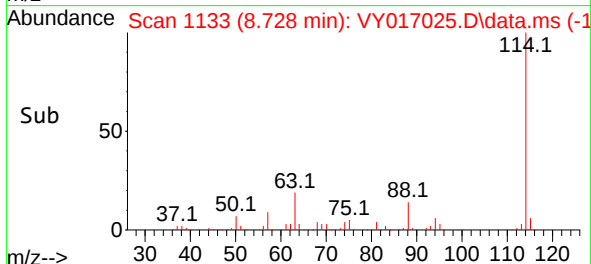
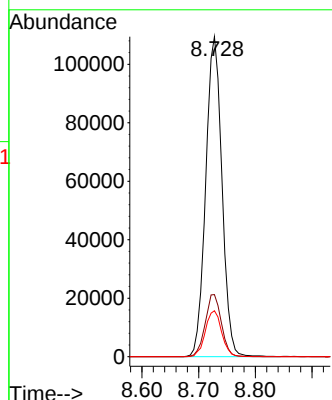
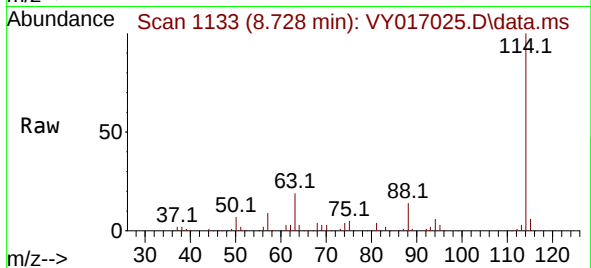
Tgt Ion:114 Resp: 217394

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 36.921 ug/l

RT: 7.759 min Scan# 974

Delta R.T. 0.031 min

Lab File: VY017025.D

Acq: 17 Jan 2024 20:48

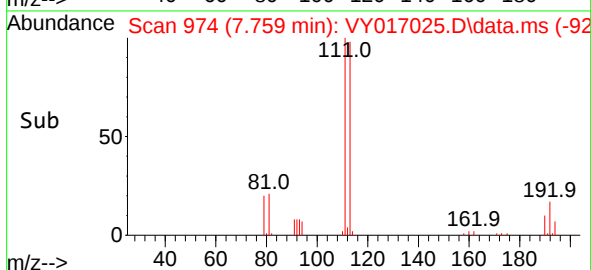
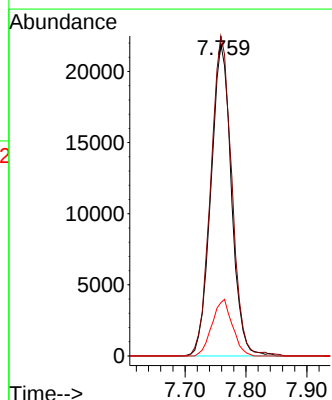
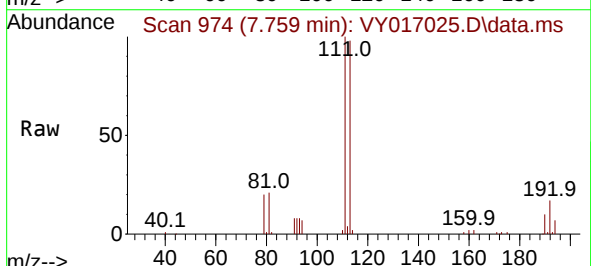
Tgt Ion:113 Resp: 51147

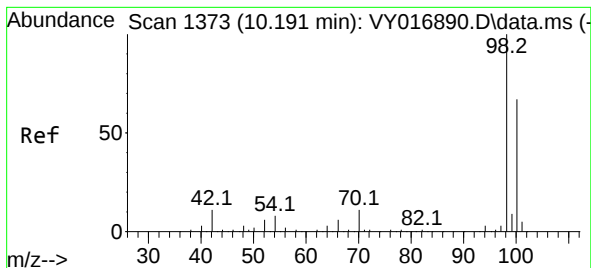
Ion Ratio Lower Upper

113 100

111 105.6 83.8 125.6

192 18.0 14.5 21.7





#50

Toluene-d8

Concen: 39.853 ug/l

RT: 10.215 min Scan# 1

Delta R.T. 0.024 min

Lab File: VY017025.D

Acq: 17 Jan 2024 20:48

Instrument :

MSVOA_Y

ClientSampleId :

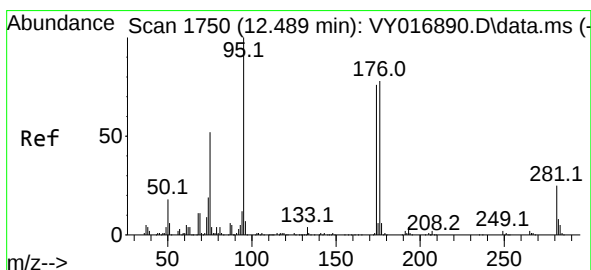
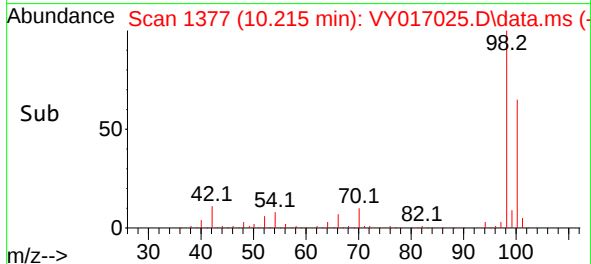
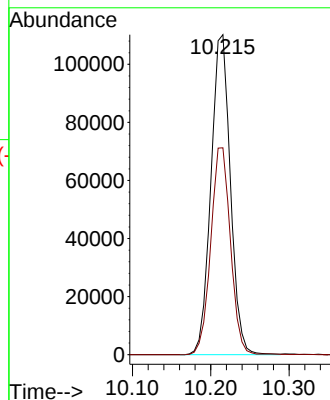
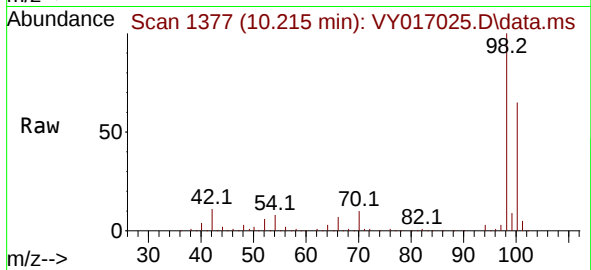
SB-8-9.0-9.5

Tgt Ion: 98 Resp: 190112

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 37.605 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. 0.019 min

Lab File: VY017025.D

Acq: 17 Jan 2024 20:48

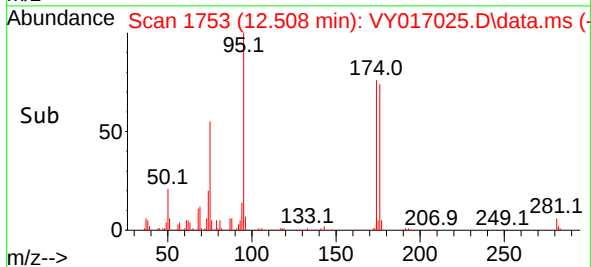
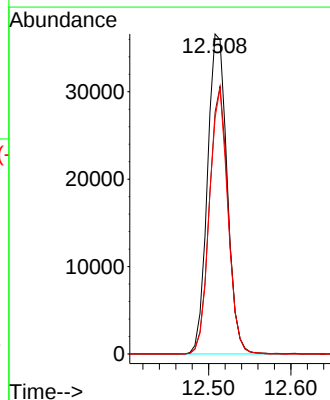
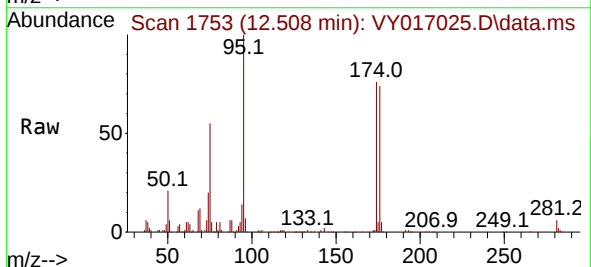
Tgt Ion: 95 Resp: 60523

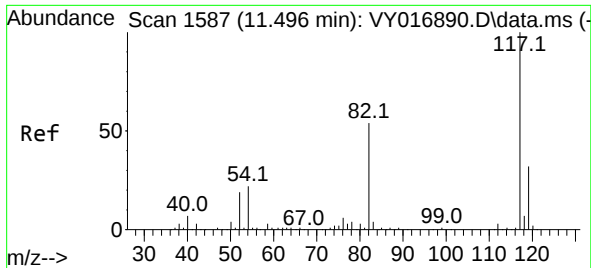
Ion Ratio Lower Upper

95 100

174 79.8 0.0 160.0

176 77.9 0.0 151.8

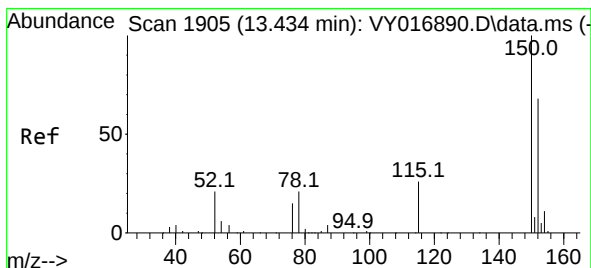
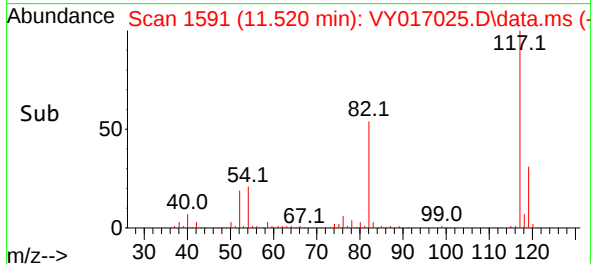
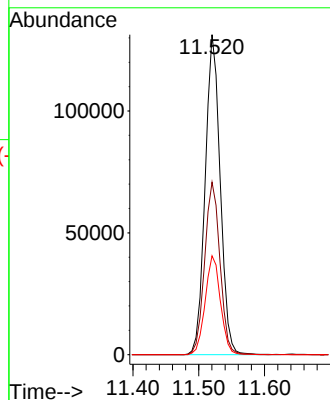
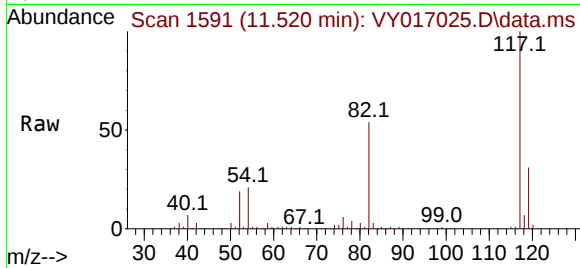




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017025.D
Acq: 17 Jan 2024 20:48

Instrument :
MSVOA_Y
ClientSampleId :
SB-8-9.0-9.5

Tgt Ion:117 Resp: 209017
Ion Ratio Lower Upper
117 100
82 53.9 43.8 65.8
119 30.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.019 min
Lab File: VY017025.D
Acq: 17 Jan 2024 20:48

Tgt Ion:152 Resp: 79369
Ion Ratio Lower Upper
152 100
115 58.6 30.0 90.0
150 156.1 0.0 344.6

