

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
 Data File : VY016895.D
 Acq On : 02 Jan 2024 15:28
 Operator : SY/MD
 Sample : VY0102SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBL01

Quant Time: Jan 03 00:18:21 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	7.801	168	124074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	221680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	183525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	71239	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	63452	51.743	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.480%
35) Dibromofluoromethane	7.728	113	69936	49.508	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.020%
50) Toluene-d8	10.191	98	241152	49.575	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.495	95	69429	42.304	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.600%

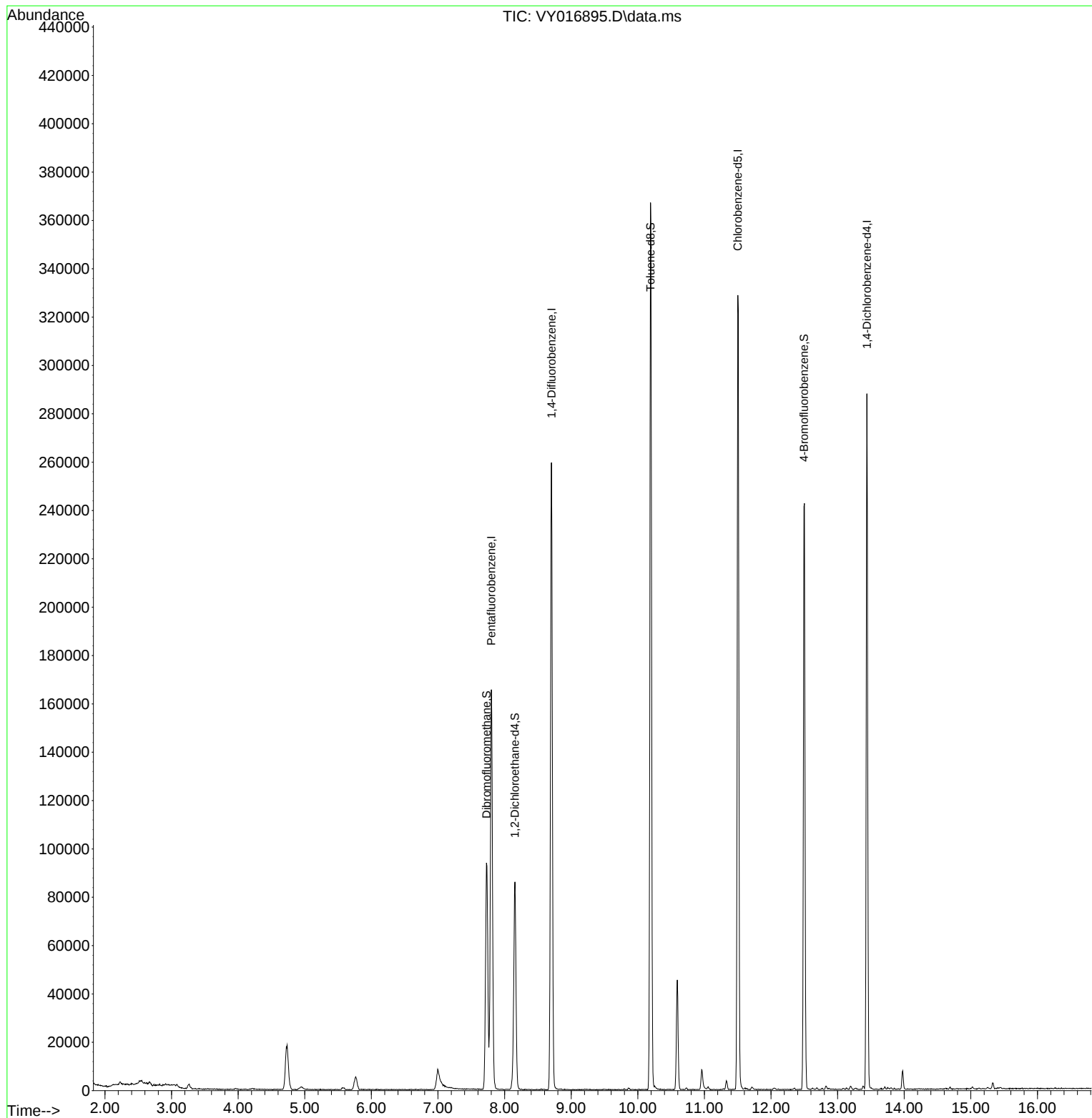
Target Compounds	Qvalue

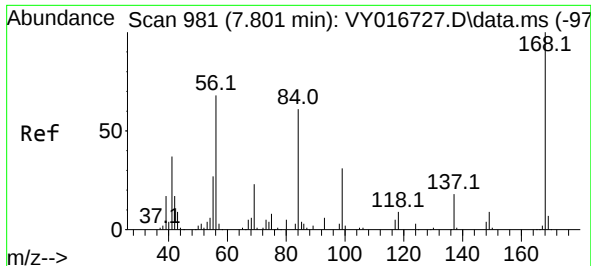
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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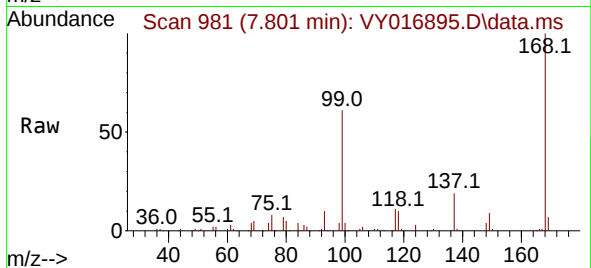
Quant Time: Jan 03 00:18:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
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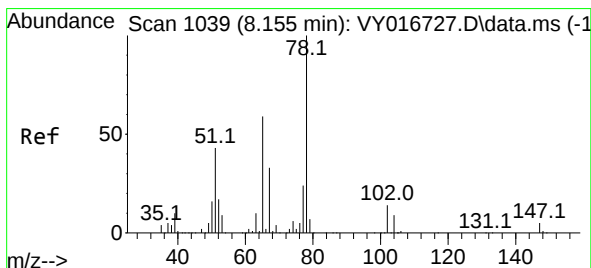
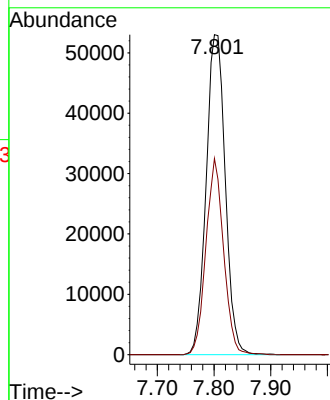
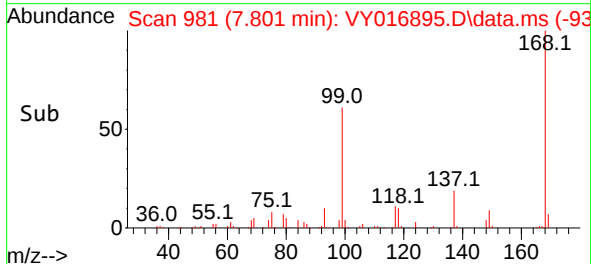


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016895.D
Acq: 02 Jan 2024 15:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBL01

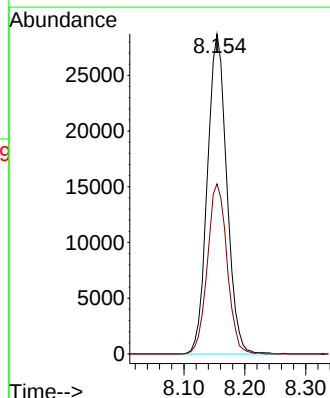
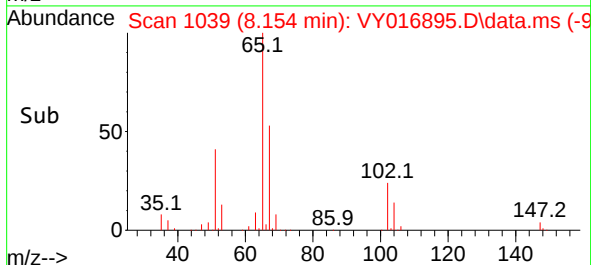
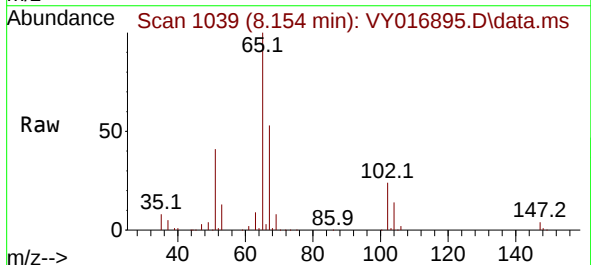


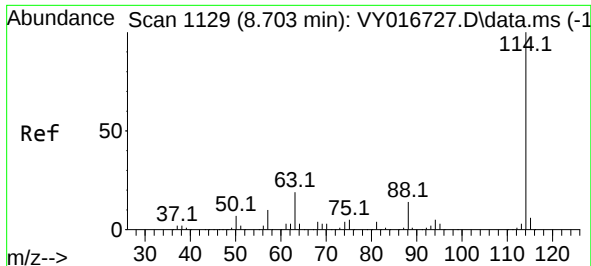
Tgt Ion:168 Resp: 124074
Ion Ratio Lower Upper
168 100
99 61.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 51.743 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. -0.001 min
Lab File: VY016895.D
Acq: 02 Jan 2024 15:28

Tgt Ion: 65 Resp: 63452
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016895.D

Acq: 02 Jan 2024 15:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBL01

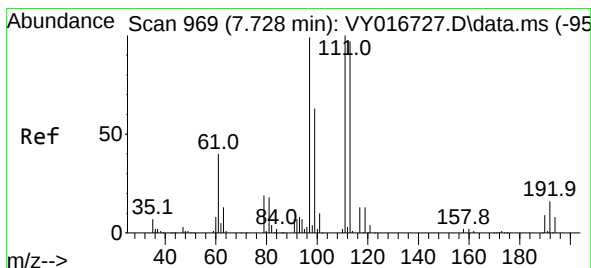
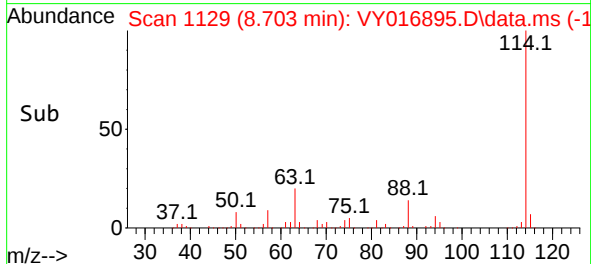
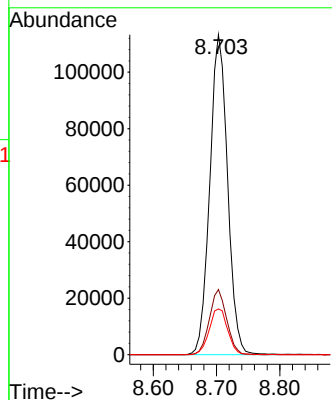
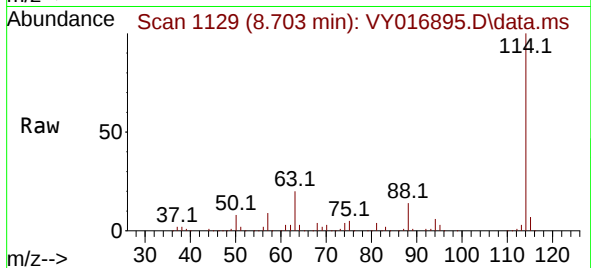
Tgt Ion:114 Resp: 221680

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 14.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 49.508 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY016895.D

Acq: 02 Jan 2024 15:28

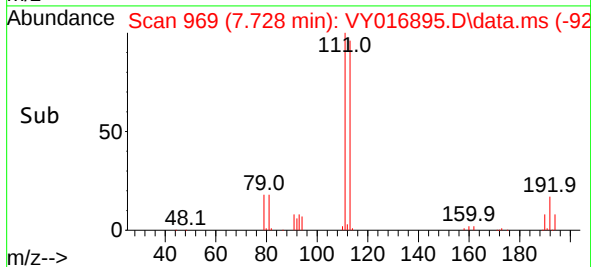
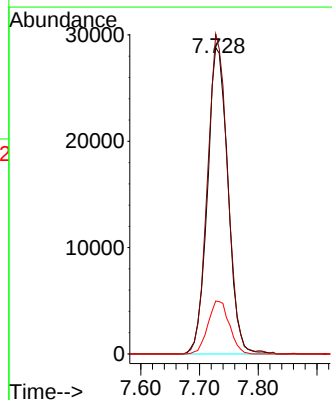
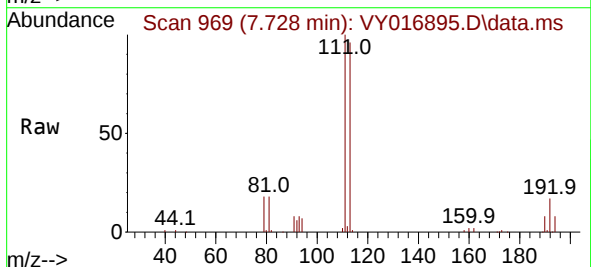
Tgt Ion:113 Resp: 69936

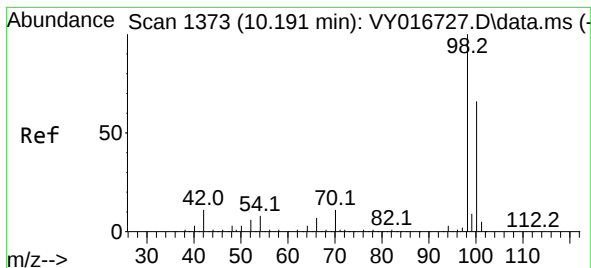
Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 17.9 14.5 21.7





#50

Toluene-d8

Concen: 49.575 ug/l

RT: 10.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016895.D

Acq: 02 Jan 2024 15:28

Instrument :

MSVOA_Y

ClientSampleId :

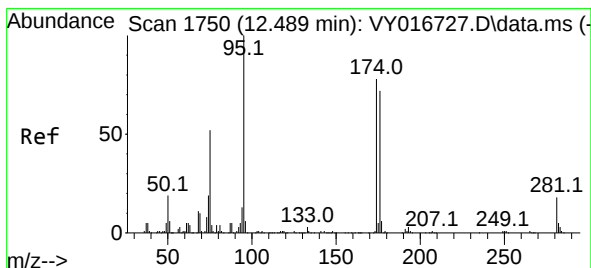
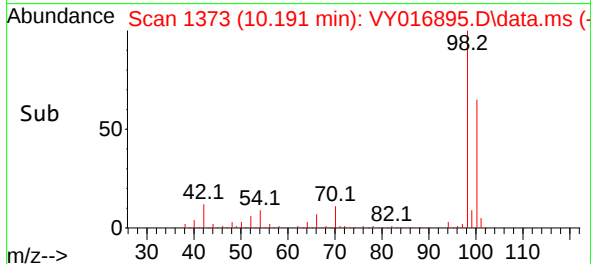
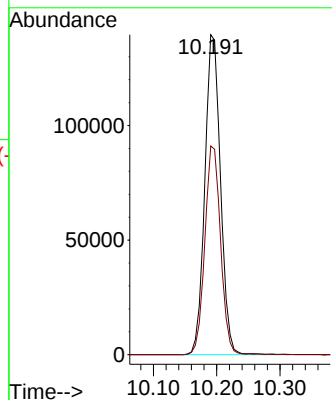
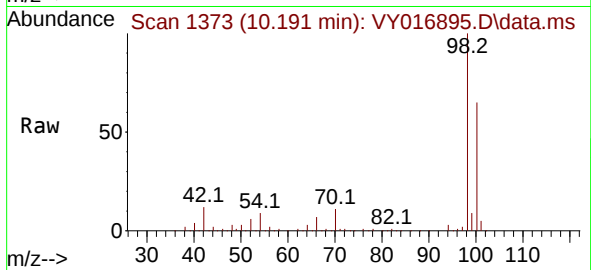
VY0102SBL01

Tgt Ion: 98 Resp: 241152

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 42.304 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016895.D

Acq: 02 Jan 2024 15:28

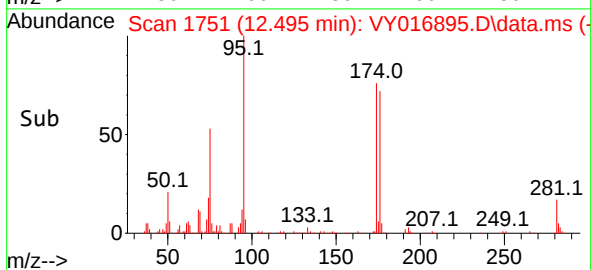
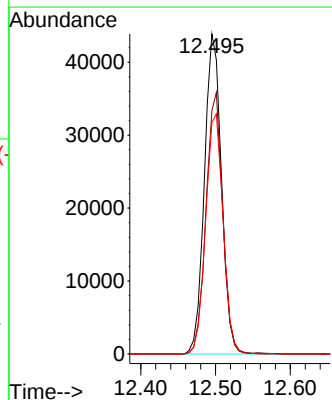
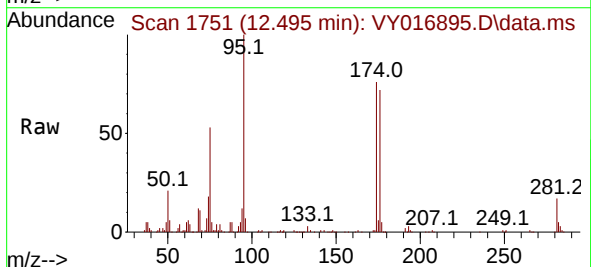
Tgt Ion: 95 Resp: 69429

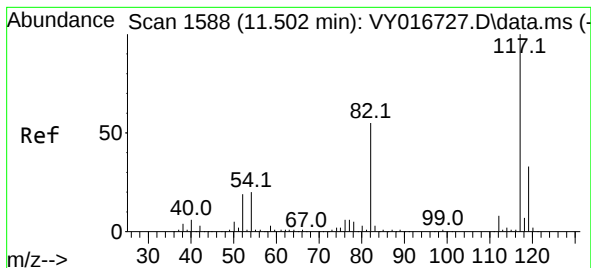
Ion Ratio Lower Upper

95 100

174 80.3 0.0 160.0

176 76.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY016895.D

Acq: 02 Jan 2024 15:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBL01

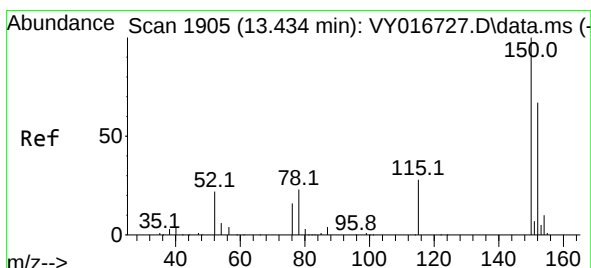
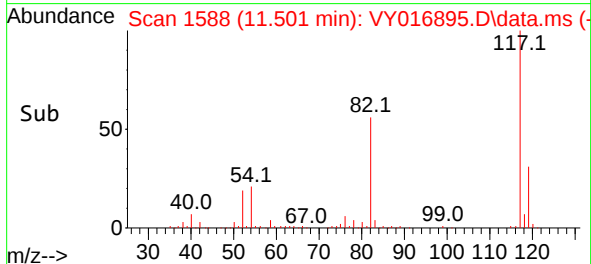
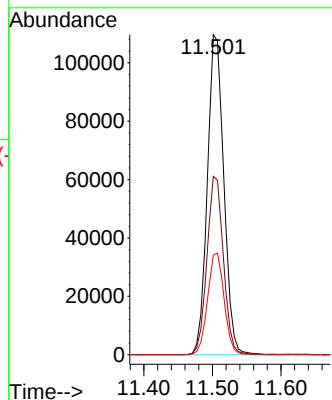
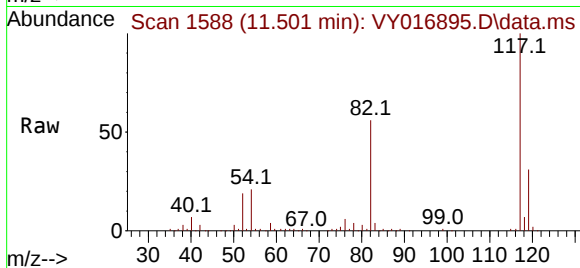
Tgt Ion:117 Resp: 183525

Ion Ratio Lower Upper

117 100

82 55.8 43.8 65.8

119 31.1 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: VY016895.D

Acq: 02 Jan 2024 15:28

Tgt Ion:152 Resp: 71239

Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

150 156.9 0.0 344.6

