

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011072.D
 Acq On : 24 Oct 2022 16:21
 Operator : KP/MD
 Sample : N5253-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 164718

Quant Time: Oct 25 05:47:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	45033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	72247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	65181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	25489	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	29470	71.043	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.080%
35) Dibromofluoromethane	7.710	113	28279	71.130	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	142.260%
50) Toluene-d8	10.179	98	85103	56.415	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.820%
62) 4-Bromofluorobenzene	12.477	95	26218	49.003	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.000%

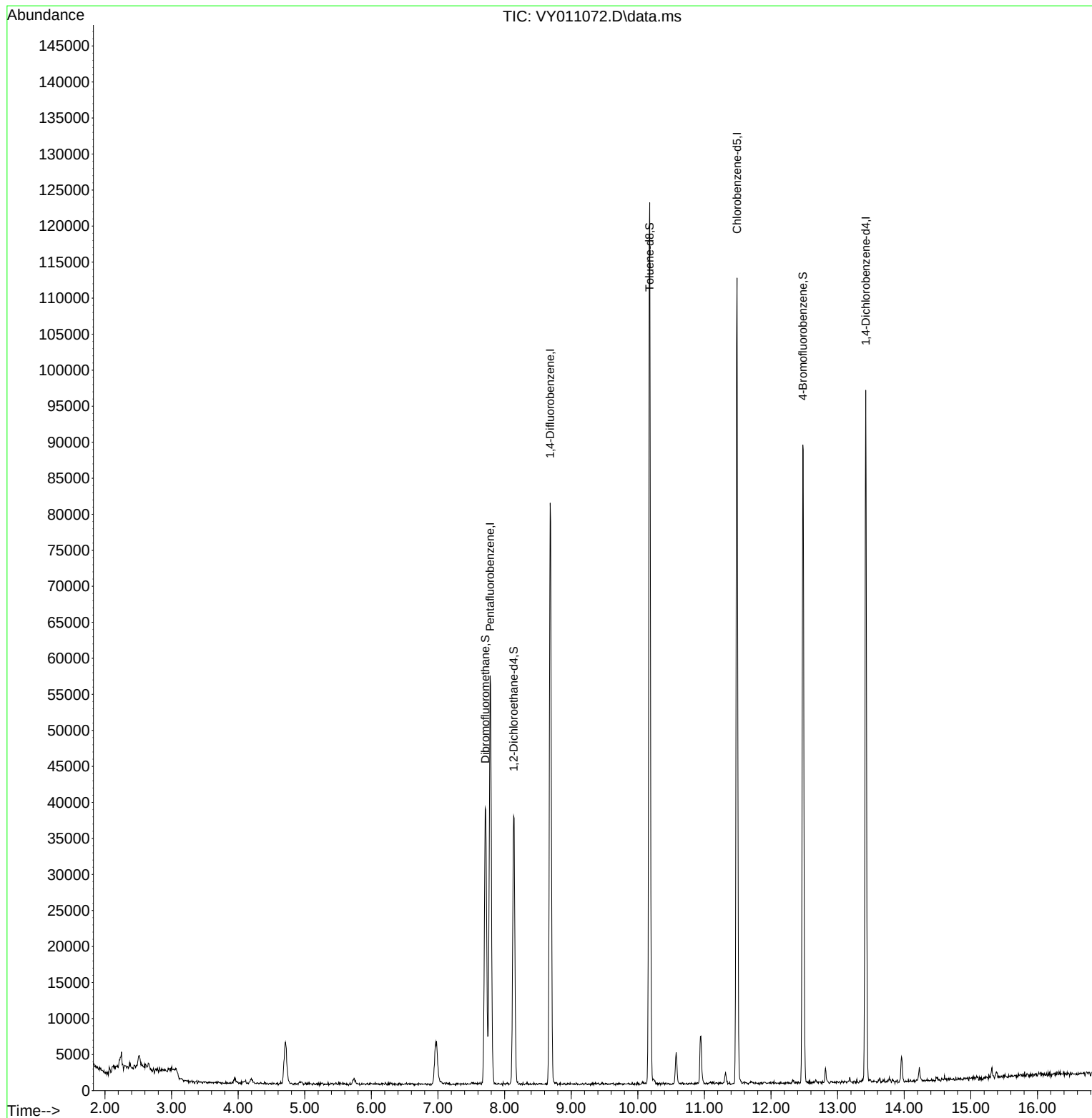
Target Compounds	Qvalue

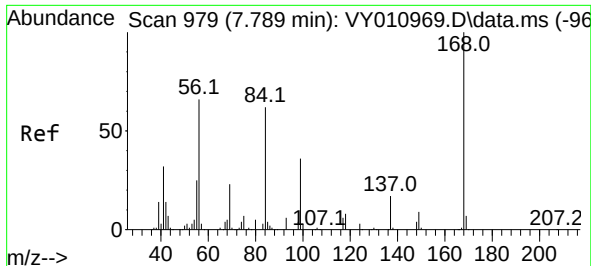
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
Data File : VY011072.D
Acq On : 24 Oct 2022 16:21
Operator : KP/MD
Sample : N5253-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
164718

Quant Time: Oct 25 05:47:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

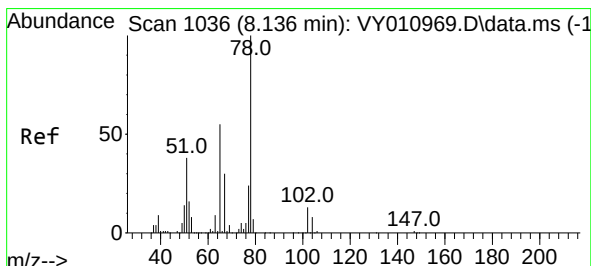
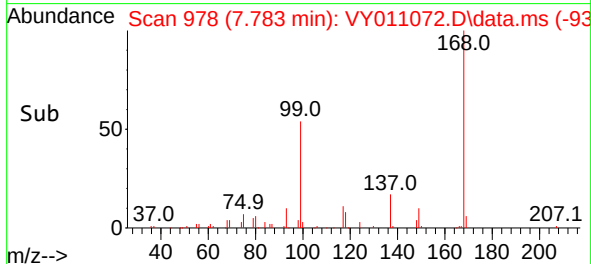
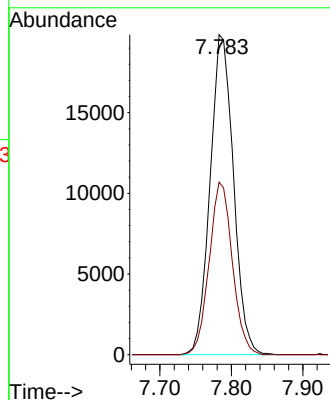
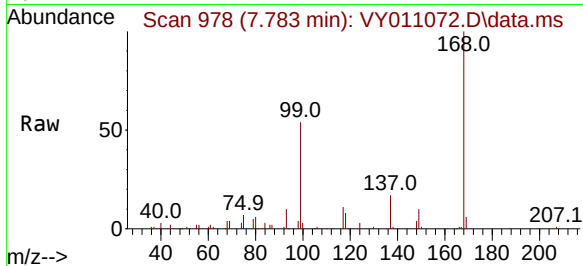




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011072.D
Acq: 24 Oct 2022 16:21

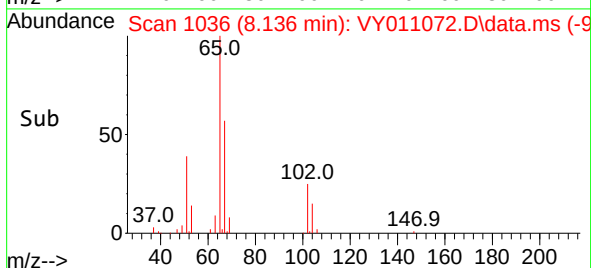
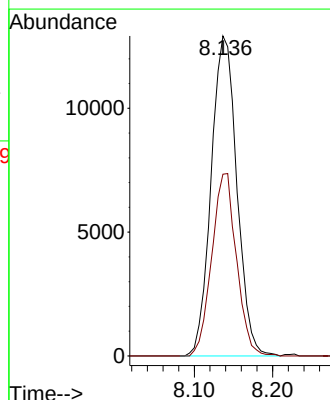
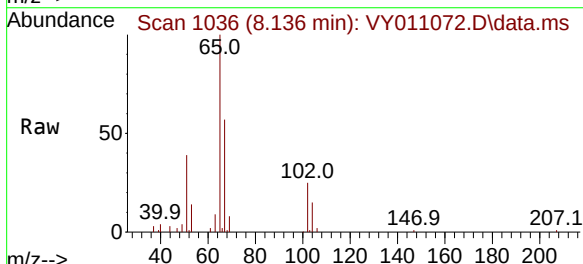
Instrument :
MSVOA_Y
ClientSampleId :
164718

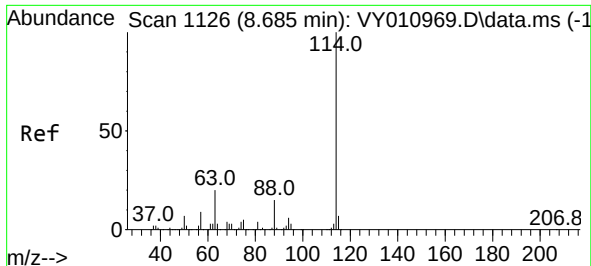
Tgt Ion:168 Resp: 45033
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 71.043 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011072.D
Acq: 24 Oct 2022 16:21

Tgt Ion: 65 Resp: 29470
Ion Ratio Lower Upper
65 100
67 54.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011072.D

Acq: 24 Oct 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

164718

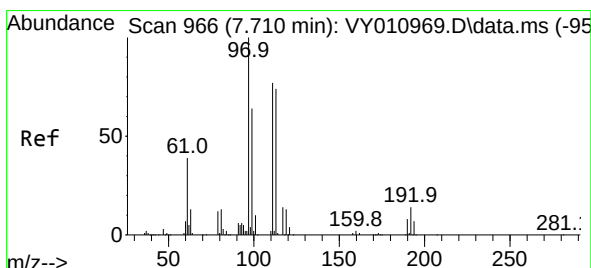
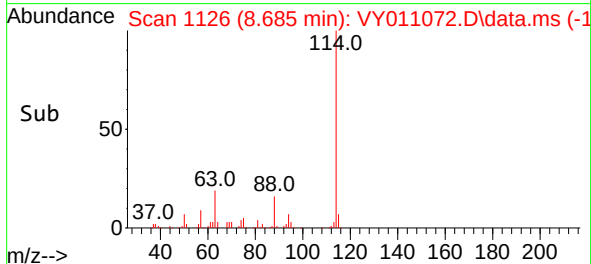
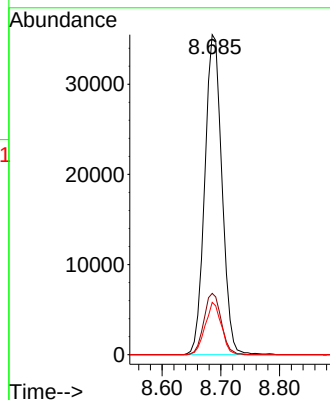
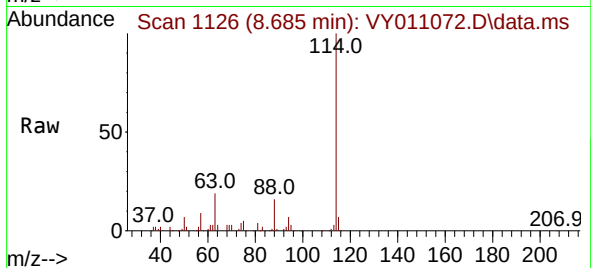
Tgt Ion:114 Resp: 72247

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 16.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 71.130 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011072.D

Acq: 24 Oct 2022 16:21

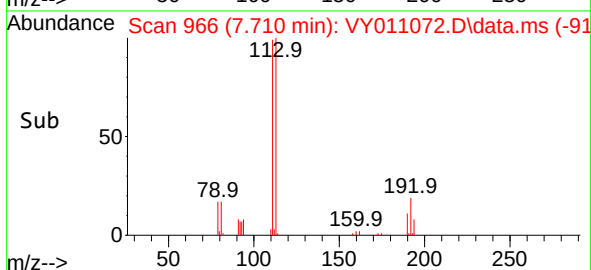
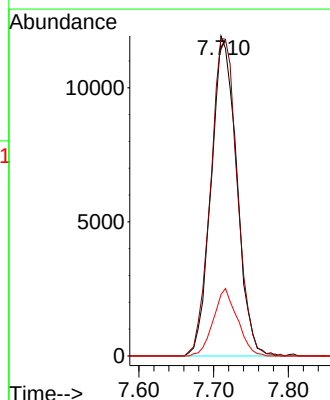
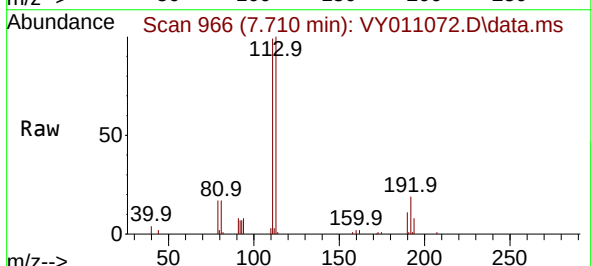
Tgt Ion:113 Resp: 28279

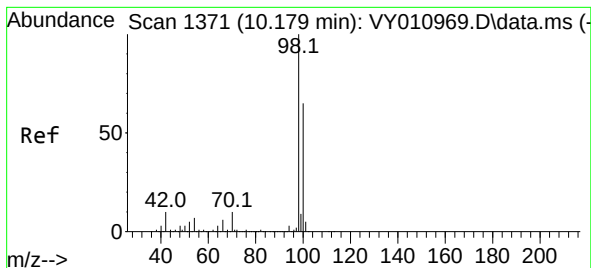
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 19.8 17.6 26.4





#50

Toluene-d8

Concen: 56.415 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011072.D

Acq: 24 Oct 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

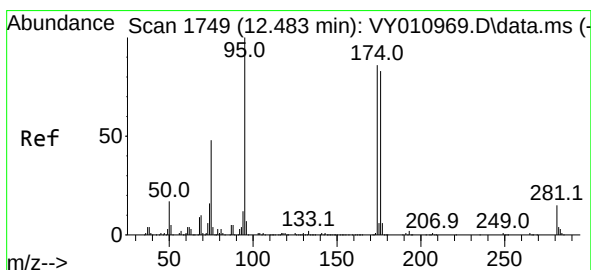
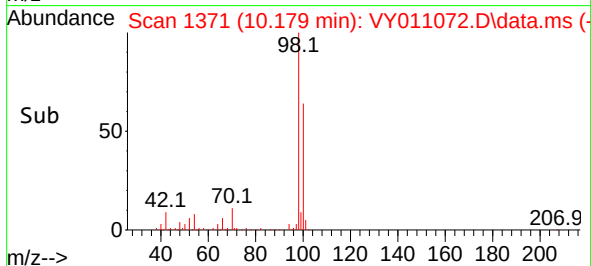
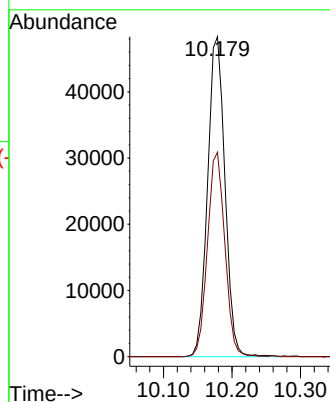
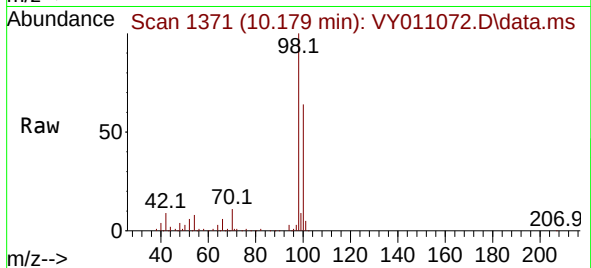
164718

Tgt Ion: 98 Resp: 85103

Ion Ratio Lower Upper

98 100

100 64.0 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 49.003 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011072.D

Acq: 24 Oct 2022 16:21

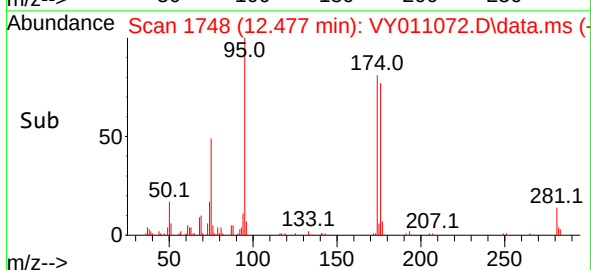
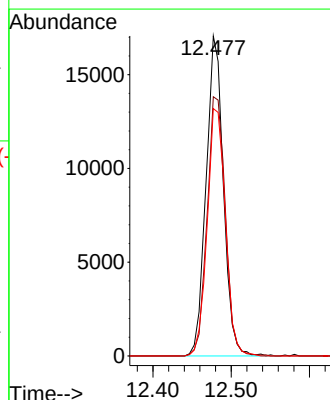
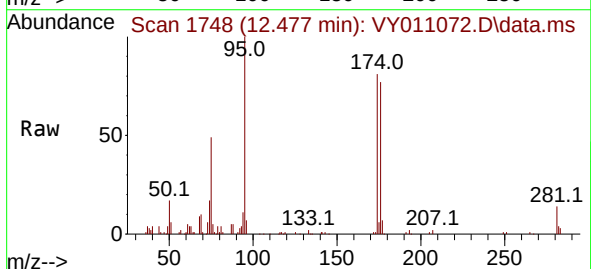
Tgt Ion: 95 Resp: 26218

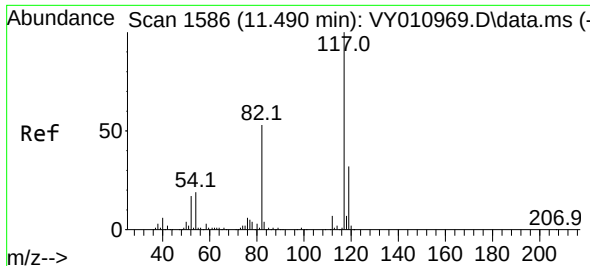
Ion Ratio Lower Upper

95 100

174 85.3 0.0 177.0

176 81.2 0.0 175.8

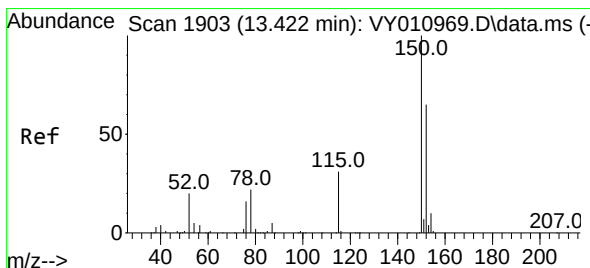
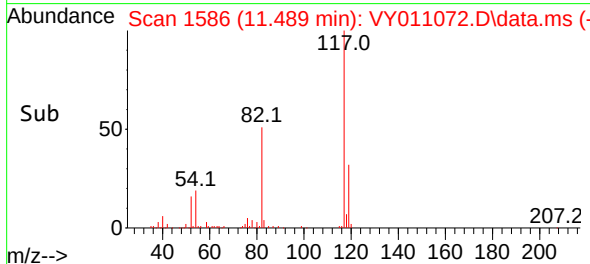
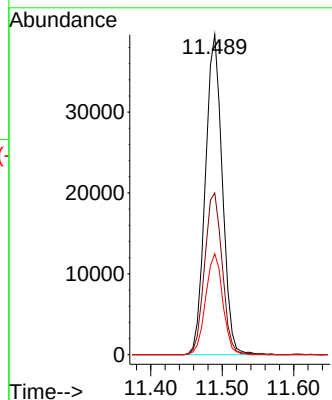
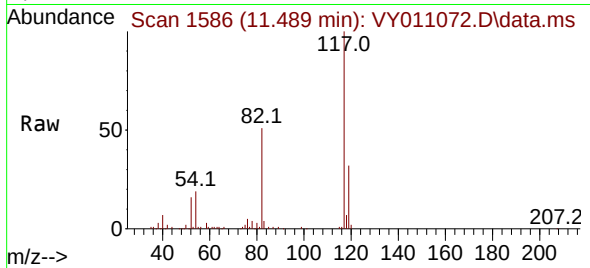




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011072.D
Acq: 24 Oct 2022 16:21

Instrument :
MSVOA_Y
ClientSampleId :
164718

Tgt Ion:117 Resp: 65181
Ion Ratio Lower Upper
117 100
82 50.6 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011072.D
Acq: 24 Oct 2022 16:21

Tgt Ion:152 Resp: 25489
Ion Ratio Lower Upper
152 100
115 59.4 28.2 84.7
150 159.8 0.0 347.6

