

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010801.D
 Acq On : 04 Oct 2022 17:26
 Operator : KP/MD
 Sample : N4946-01RE
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-093022RE

Quant Time: Oct 05 07:32:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	216895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	370653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	305728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	98221	44.676	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.360%
35) Dibromofluoromethane	7.716	113	102711	41.745	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.500%
50) Toluene-d8	10.179	98	311966	37.075	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	74.160%
62) 4-Bromofluorobenzene	12.483	95	101636	29.401	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	58.800%

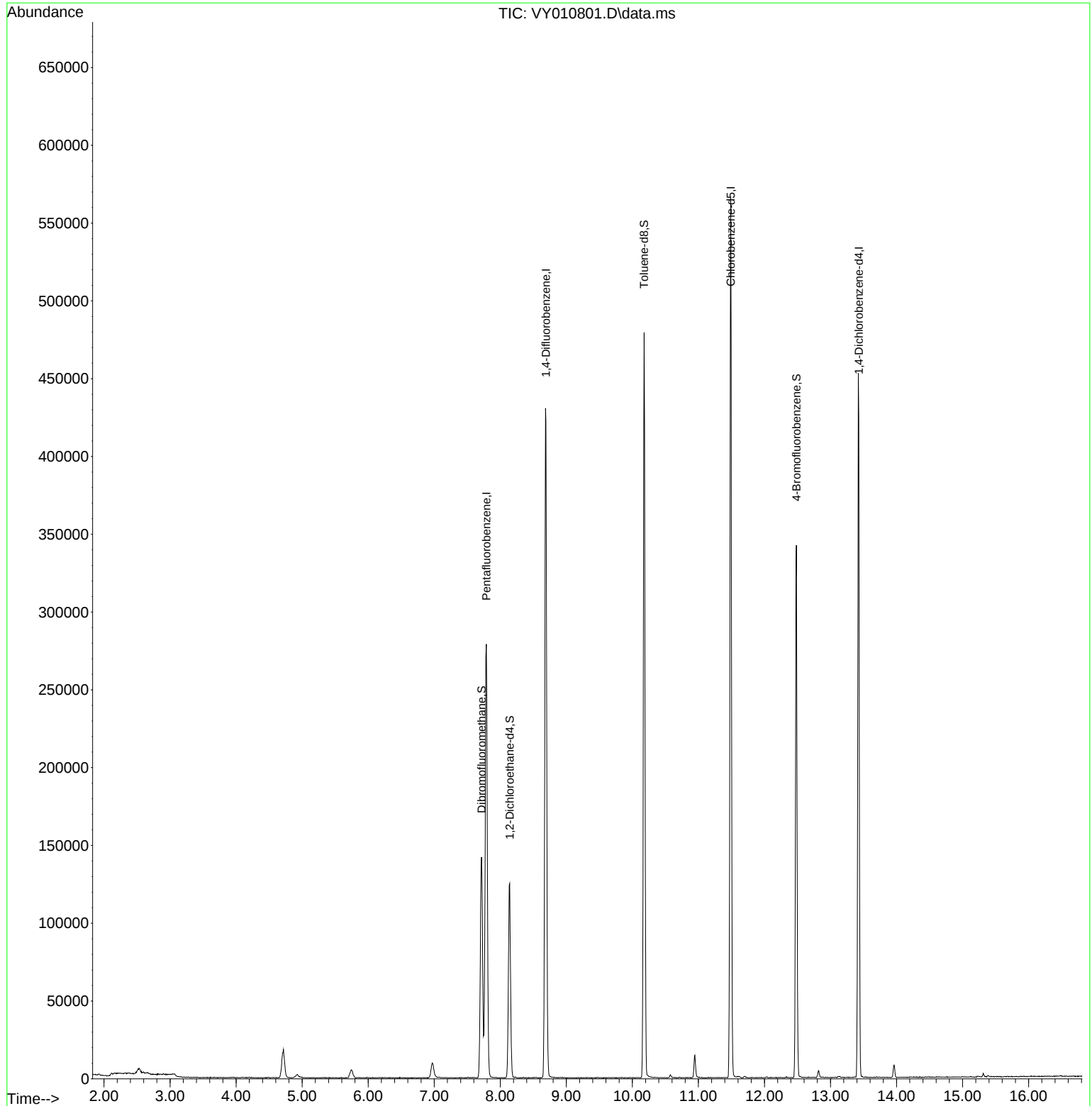
Target Compounds Qvalue

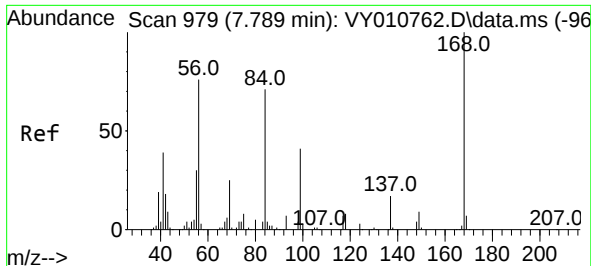
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
Data File : VY010801.D
Acq On : 04 Oct 2022 17:26
Operator : KP/MD
Sample : N4946-01RE
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-093022RE

Quant Time: Oct 05 07:32:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
Response via : Initial Calibration

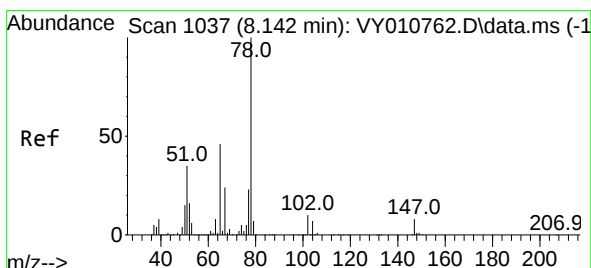
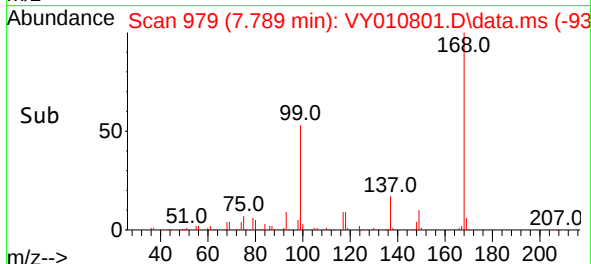
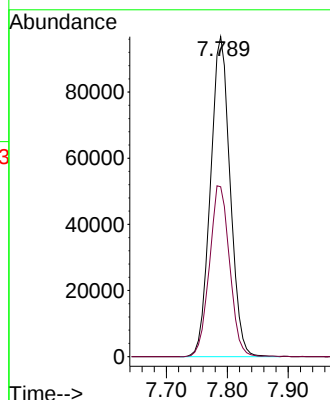
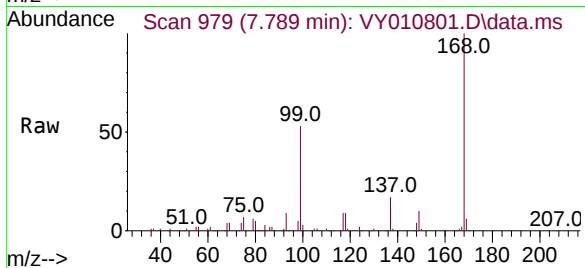




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010801.D
Acq: 04 Oct 2022 17:26

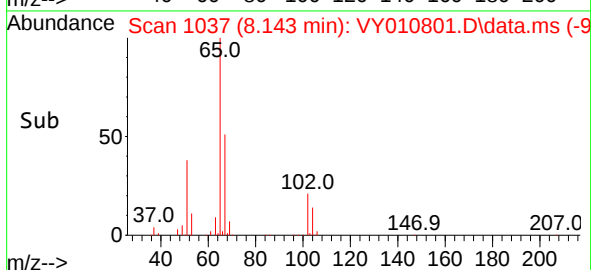
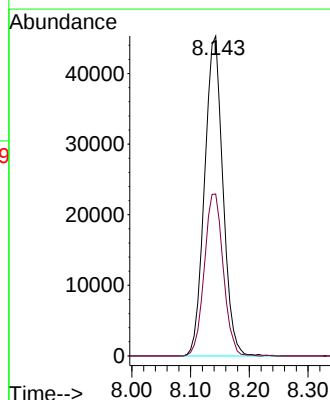
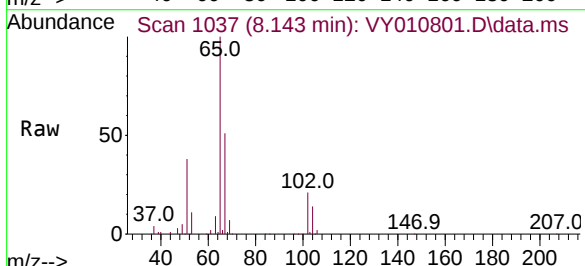
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-093022RE

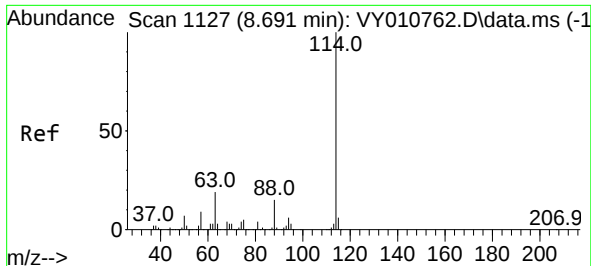
Tgt Ion:168 Resp: 216895
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 44.676 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY010801.D
Acq: 04 Oct 2022 17:26

Tgt Ion: 65 Resp: 98221
Ion Ratio Lower Upper
65 100
67 52.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY010801.D

Acq: 04 Oct 2022 17:26

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-093022RE

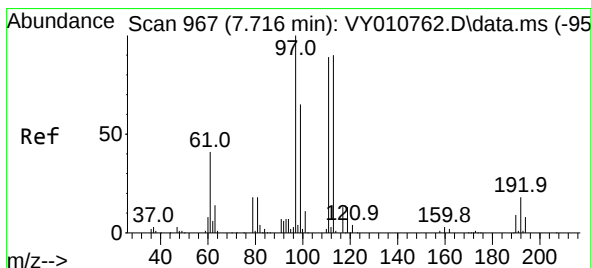
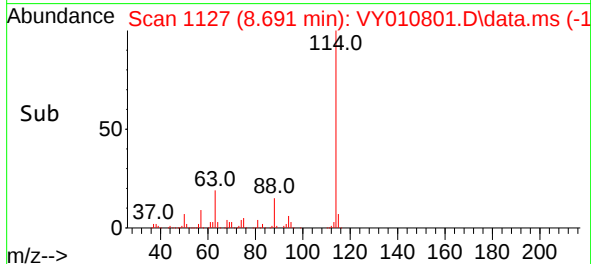
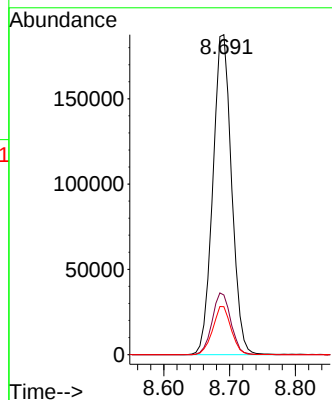
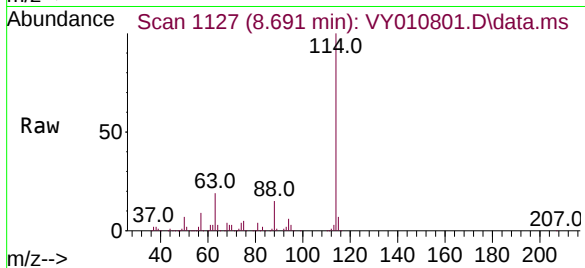
Tgt Ion:114 Resp: 370653

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.745 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010801.D

Acq: 04 Oct 2022 17:26

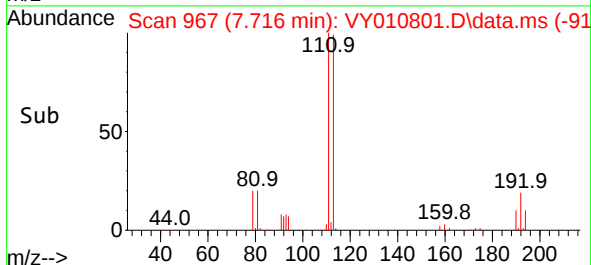
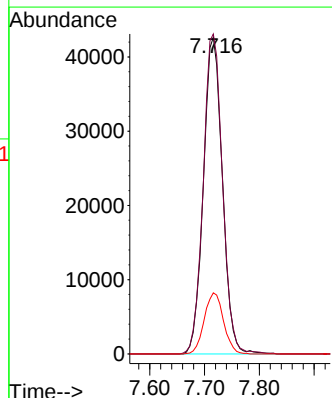
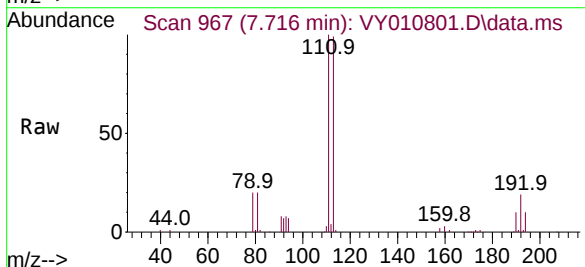
Tgt Ion:113 Resp: 102711

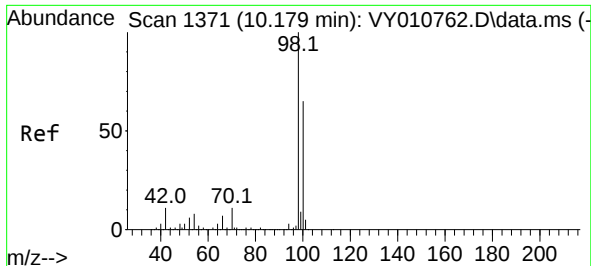
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 19.5 17.6 26.4

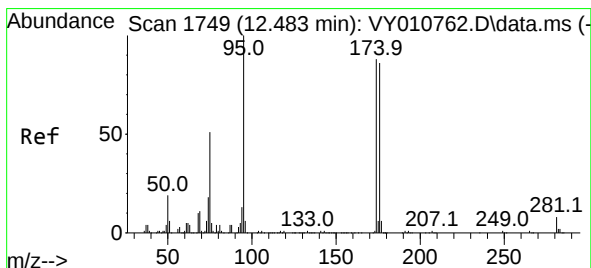
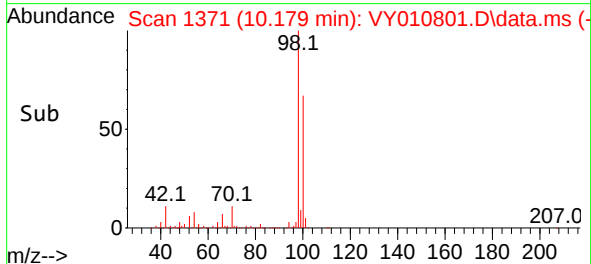
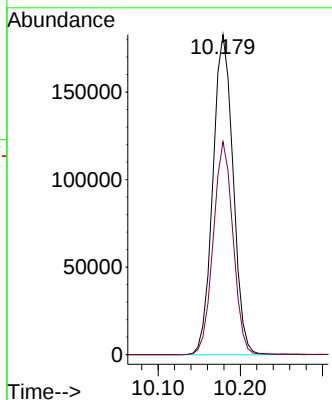
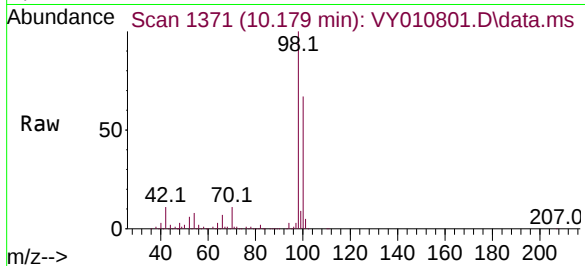




#50
Toluene-d8
Concen: 37.075 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010801.D
Acq: 04 Oct 2022 17:26

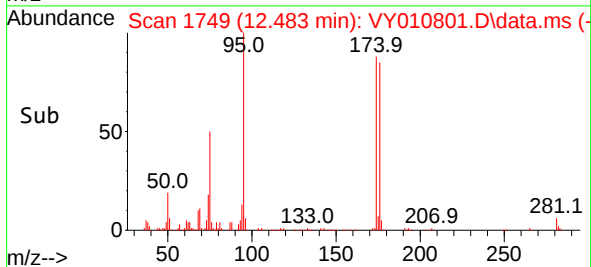
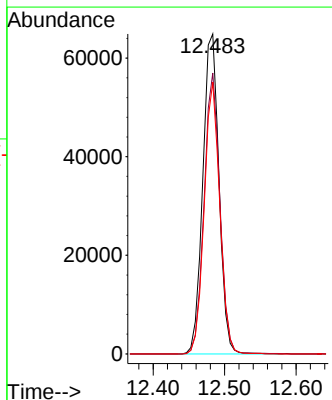
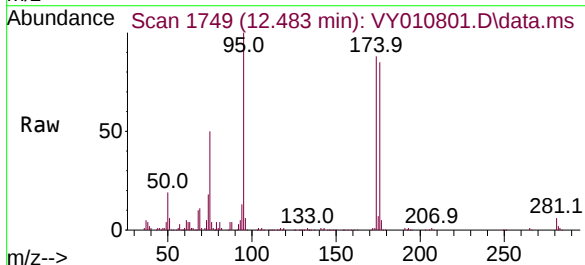
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-093022RE

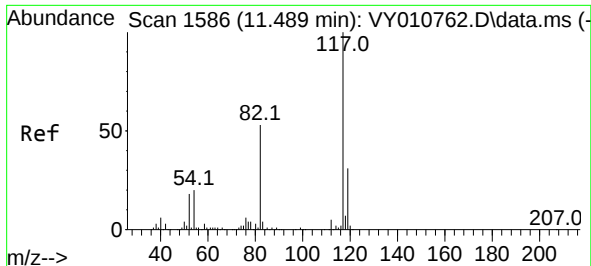
Tgt Ion: 98 Resp: 311966
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 29.401 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010801.D
Acq: 04 Oct 2022 17:26

Tgt Ion: 95 Resp: 101636
Ion Ratio Lower Upper
95 100
174 86.0 0.0 177.0
176 81.9 0.0 175.8

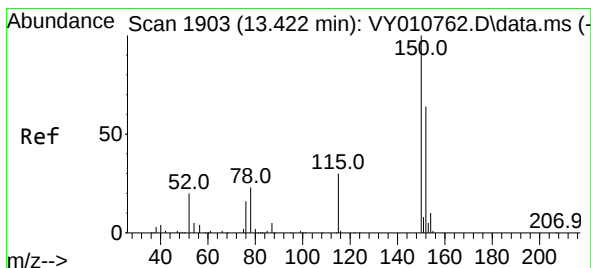
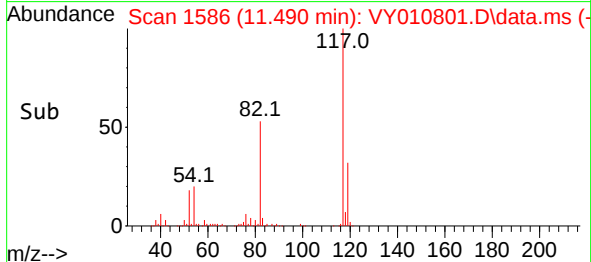
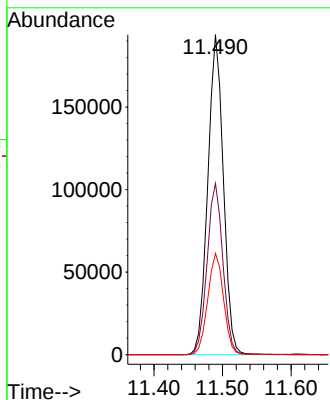
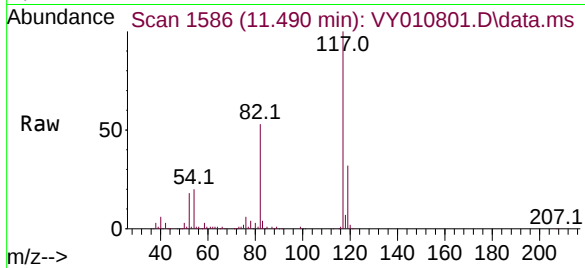




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY010801.D
Acq: 04 Oct 2022 17:26

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-093022RE

Tgt Ion:117 Resp: 305728
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010801.D
Acq: 04 Oct 2022 17:26

Tgt Ion:152 Resp: 117215
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 156.4 0.0 347.6

