

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070723\
 Data File : VY014604.D
 Acq On : 07 Jul 2023 18:07
 Operator : KP/MD
 Sample : 03555-09
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-289

Quant Time: Jul 08 03:48:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	213517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	346425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	334416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146704	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	133514	62.859	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.720%
35) Dibromofluoromethane	7.716	113	117370	55.018	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.040%
50) Toluene-d8	10.179	98	421069	49.930	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.860%
62) 4-Bromofluorobenzene	12.477	95	130730	44.643	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.280%

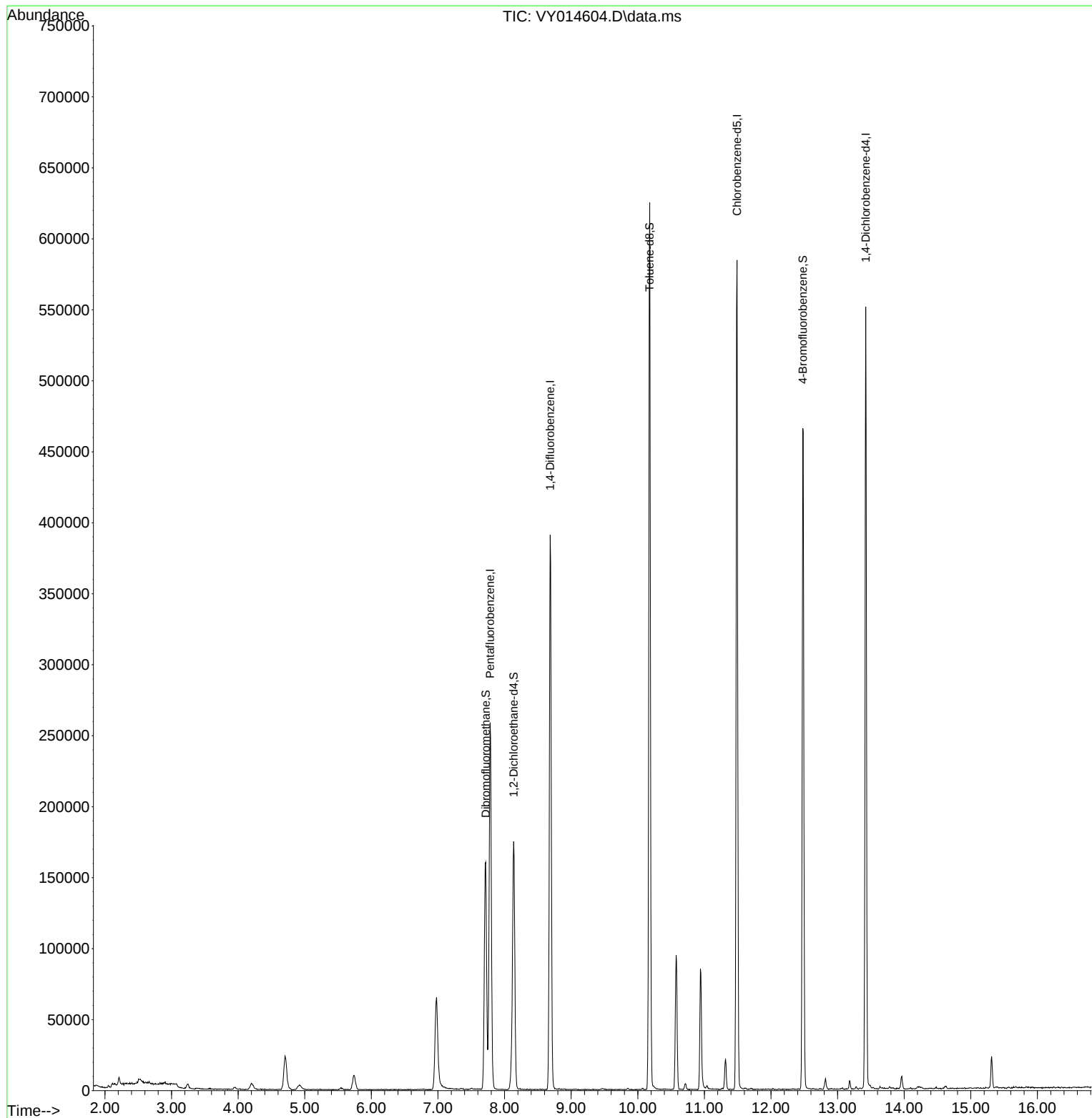
Target Compounds	Qvalue

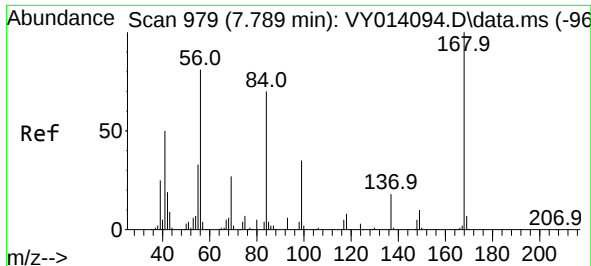
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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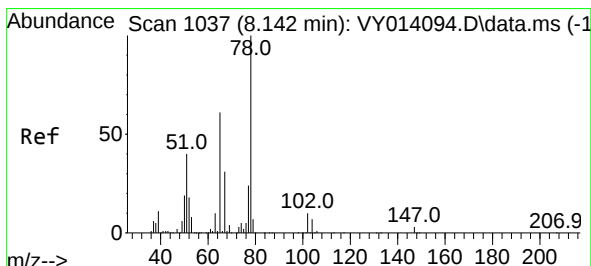
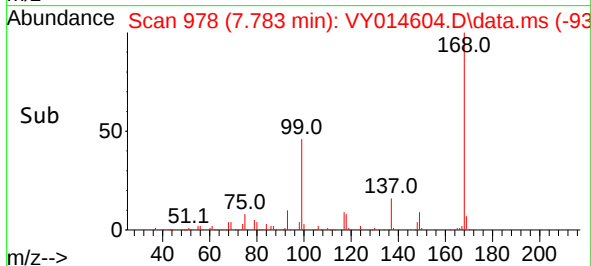
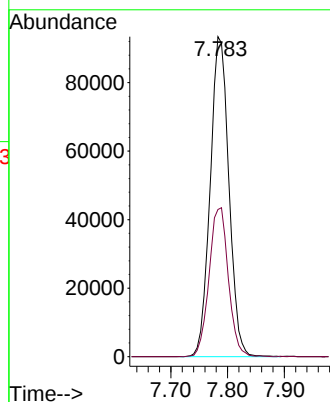
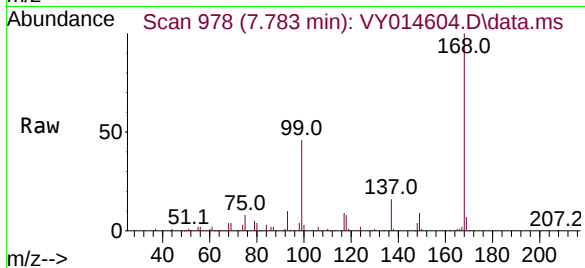




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014604.D
Acq: 07 Jul 2023 18:07

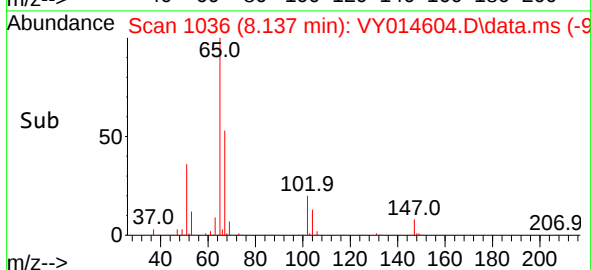
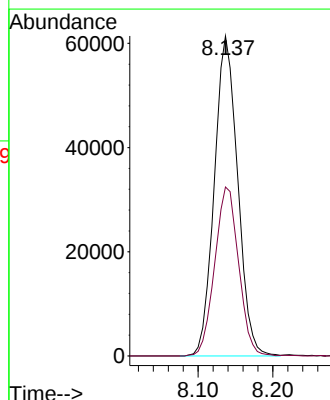
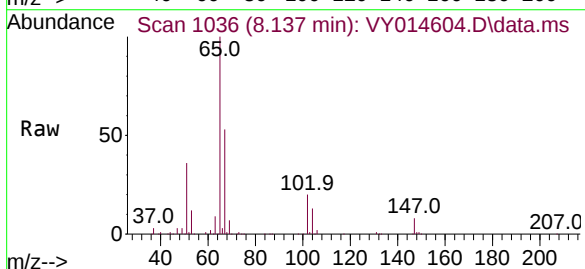
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-289

Tgt Ion:168 Resp: 213517
Ion Ratio Lower Upper
168 100
99 45.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 62.859 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014604.D
Acq: 07 Jul 2023 18:07

Tgt Ion: 65 Resp: 133514
Ion Ratio Lower Upper
65 100
67 54.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014604.D

Acq: 07 Jul 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-289

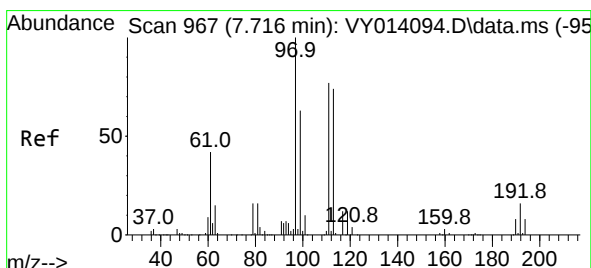
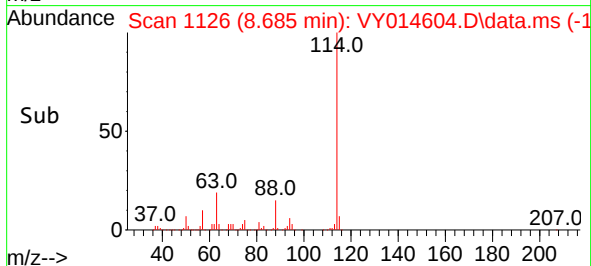
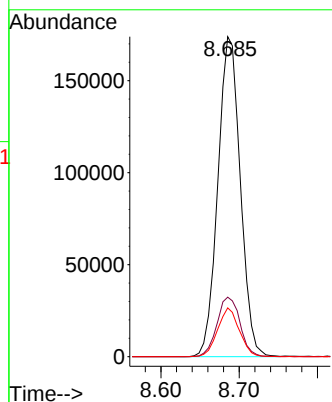
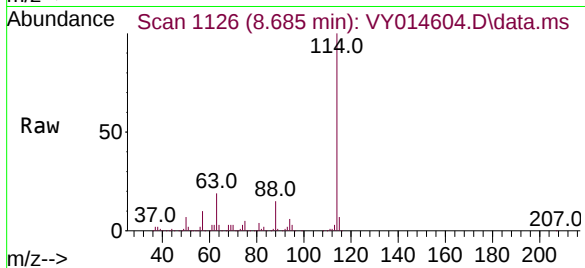
Tgt Ion:114 Resp: 346425

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.018 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014604.D

Acq: 07 Jul 2023 18:07

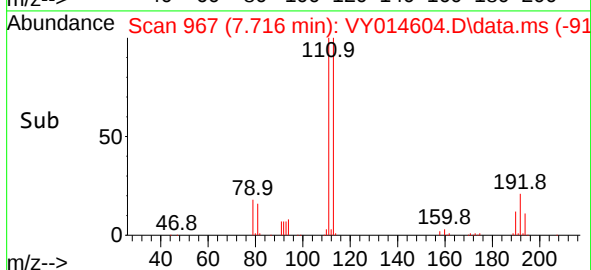
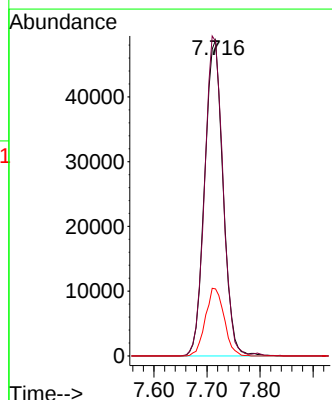
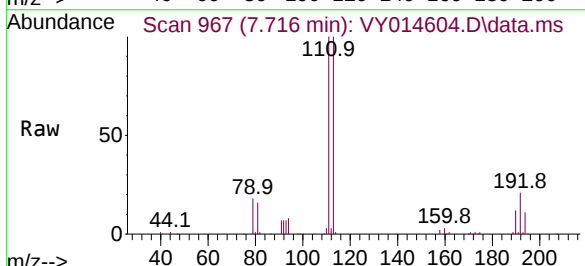
Tgt Ion:113 Resp: 117370

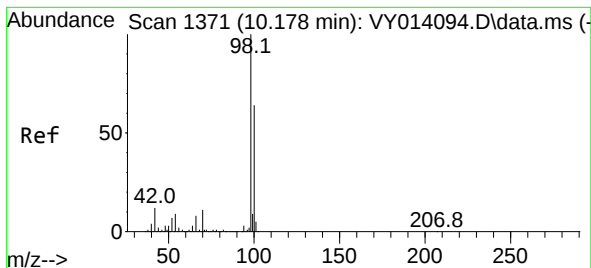
Ion Ratio Lower Upper

113 100

111 100.6 81.3 121.9

192 21.9 16.9 25.3

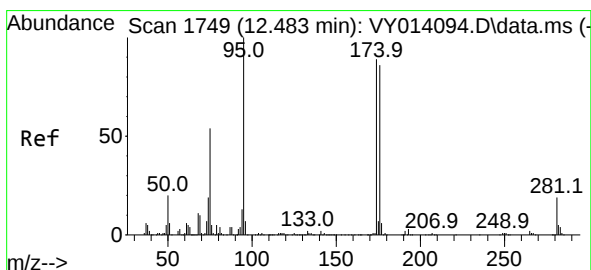
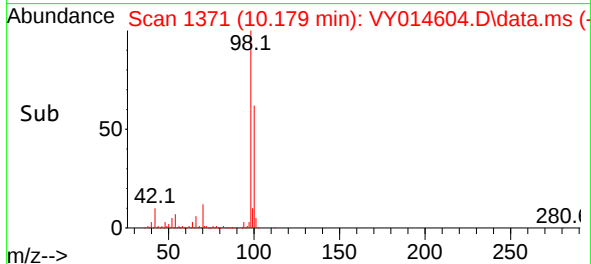
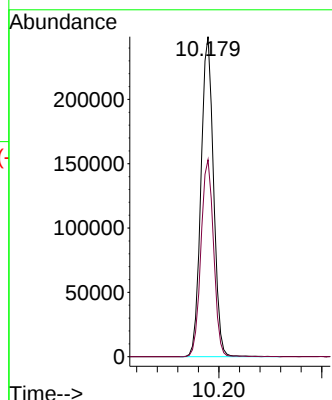
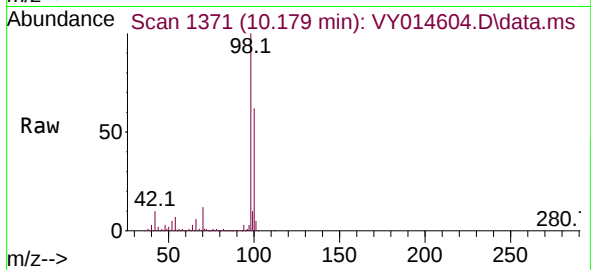




#50
Toluene-d8
Concen: 49.930 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014604.D
Acq: 07 Jul 2023 18:07

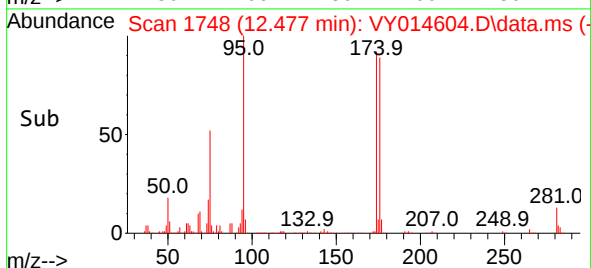
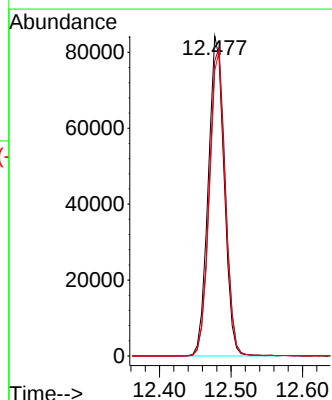
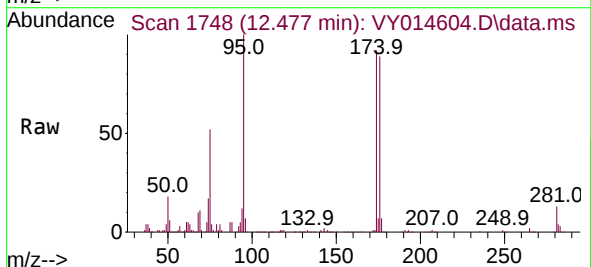
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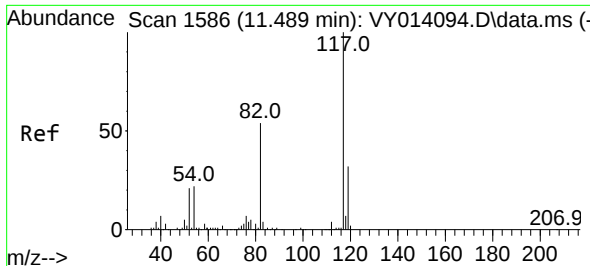
Tgt Ion: 98 Resp: 421069
Ion Ratio Lower Upper
98 100
100 62.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.643 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014604.D
Acq: 07 Jul 2023 18:07

Tgt Ion: 95 Resp: 130730
Ion Ratio Lower Upper
95 100
174 97.9 0.0 178.2
176 93.7 0.0 173.8

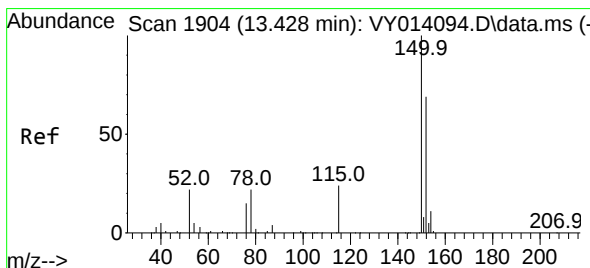
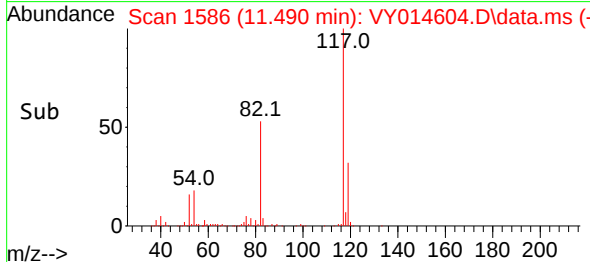
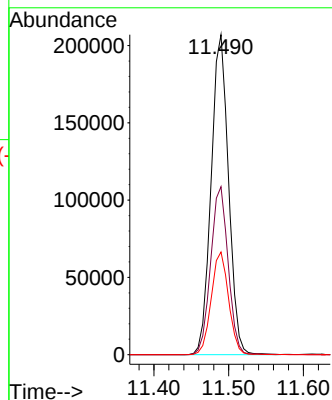
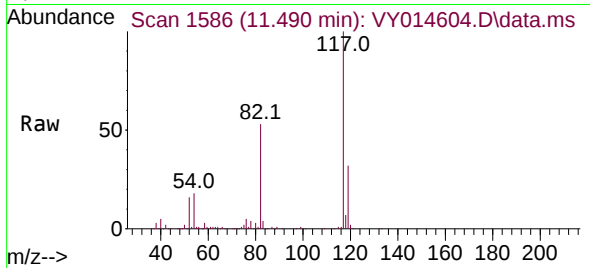




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014604.D
Acq: 07 Jul 2023 18:07

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-289

Tgt Ion:117 Resp: 334416
Ion Ratio Lower Upper
117 100
82 52.5 43.4 65.0
119 32.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014604.D
Acq: 07 Jul 2023 18:07

Tgt Ion:152 Resp: 146704
Ion Ratio Lower Upper
152 100
115 53.9 28.8 86.5
150 154.5 0.0 348.8

