

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
 Data File : VY012238.D
 Acq On : 18 Jan 2023 12:01
 Operator : KP/MD
 Sample : 01167-01RE
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-3-011623RE

Quant Time: Jan 19 00:34:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

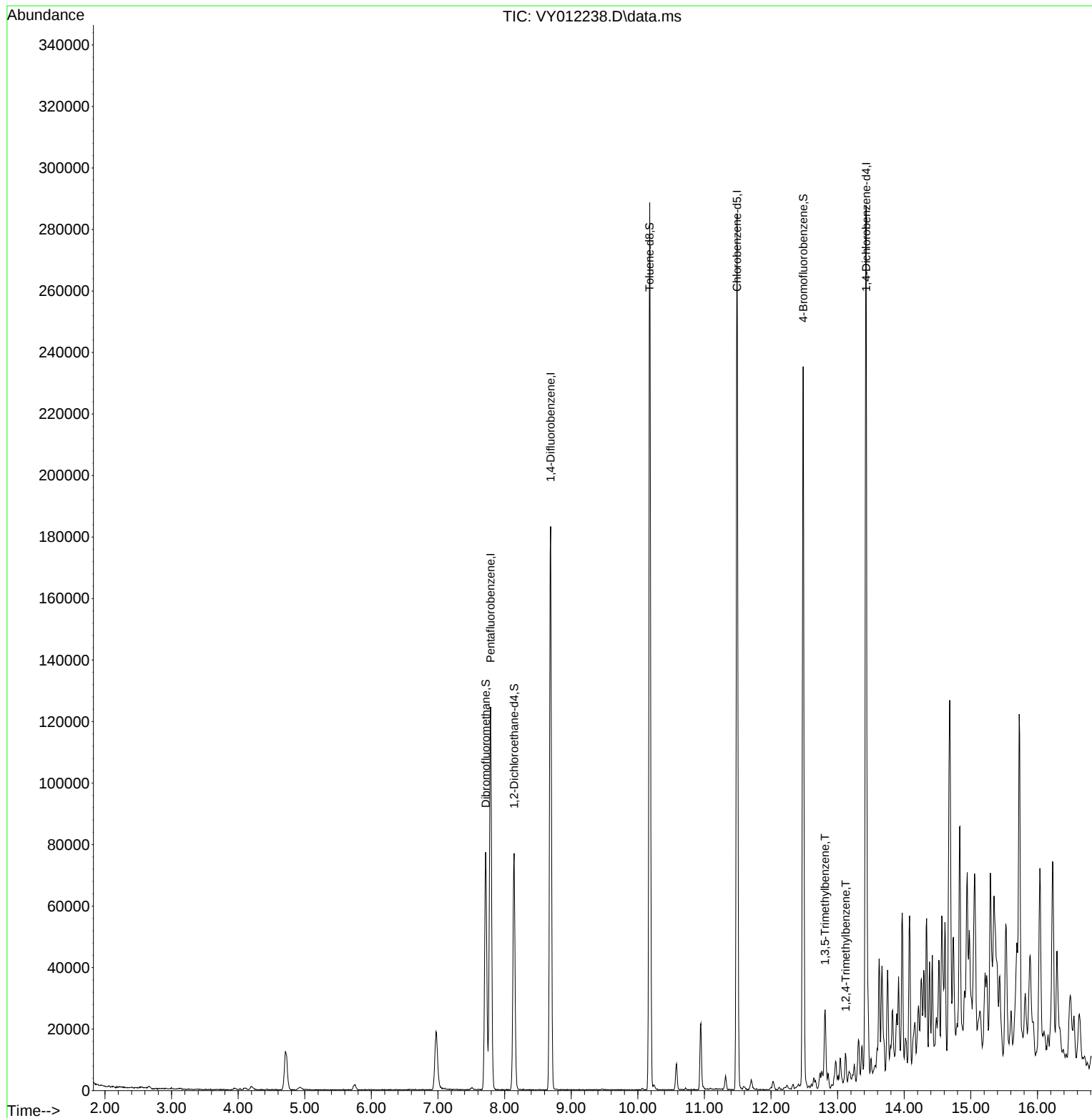
Internal Standards						
1) Pentafluorobenzene	7.789	168	98966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	164180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	159719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	62320	78.187	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.380%
35) Dibromofluoromethane	7.716	113	51610	59.367	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.740%
50) Toluene-d8	10.179	98	193408	65.559	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	131.120%
62) 4-Bromofluorobenzene	12.483	95	65742	53.645	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.300%
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.812	105	4928	1.024	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	5351	1.128	ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
Data File : VY012238.D
Acq On : 18 Jan 2023 12:01
Operator : KP/MD
Sample : 01167-01RE
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-3-011623RE

Quant Time: Jan 19 00:34:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

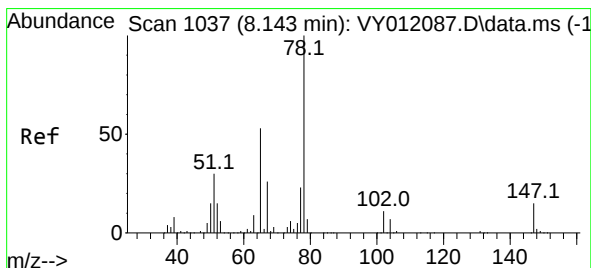
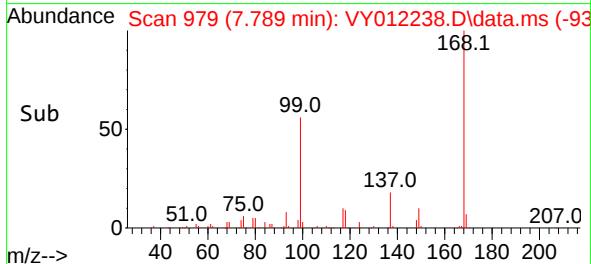
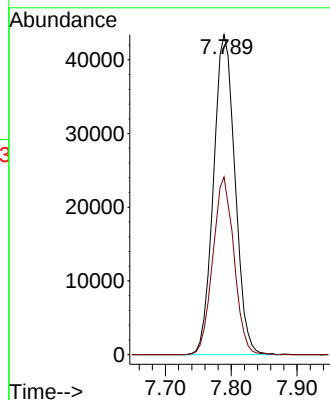
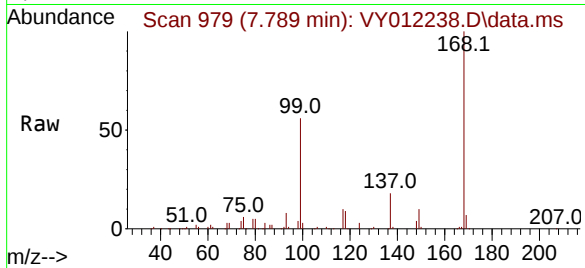




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012238.D
Acq: 18 Jan 2023 12:01

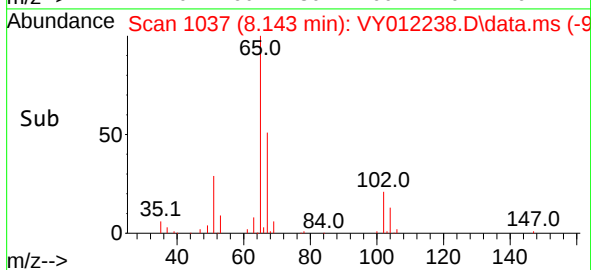
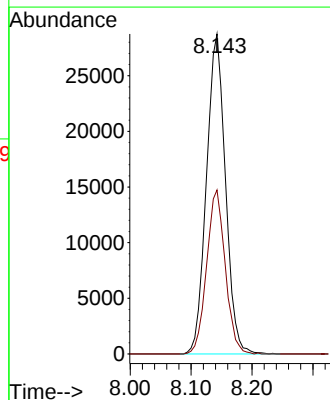
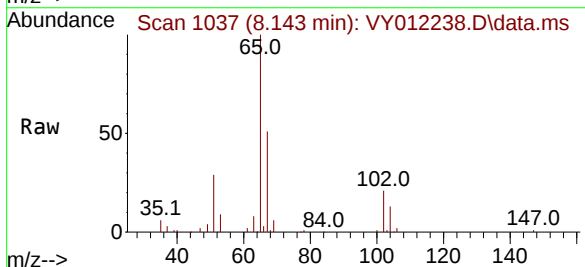
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-011623RE

Tgt Ion:168 Resp: 98966
Ion Ratio Lower Upper
168 100
99 55.5 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 78.187 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012238.D
Acq: 18 Jan 2023 12:01

Tgt Ion: 65 Resp: 62320
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.2

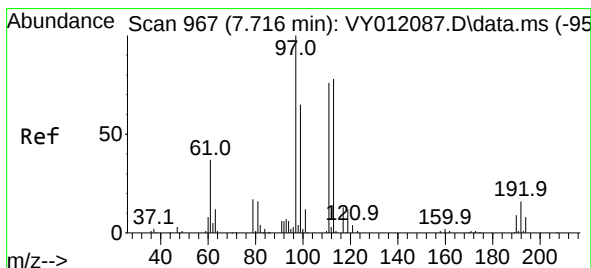
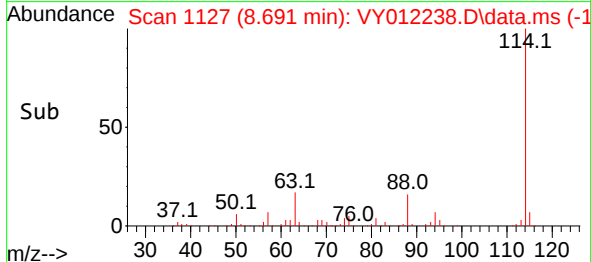
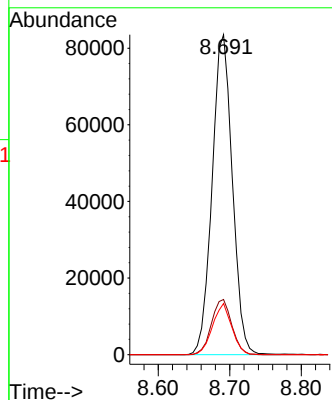
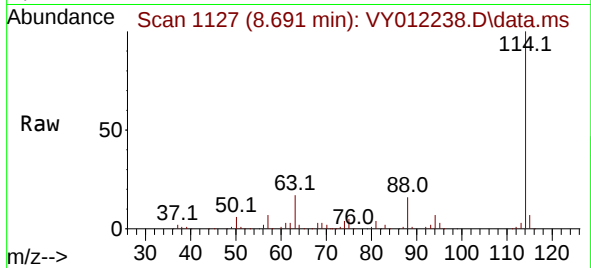




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012238.D
Acq: 18 Jan 2023 12:01

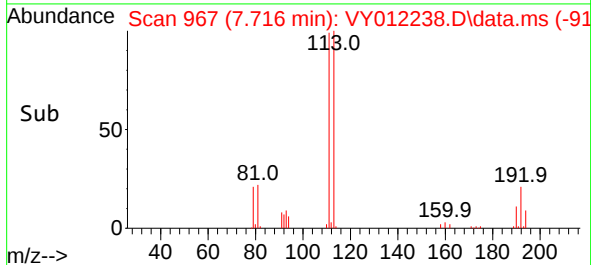
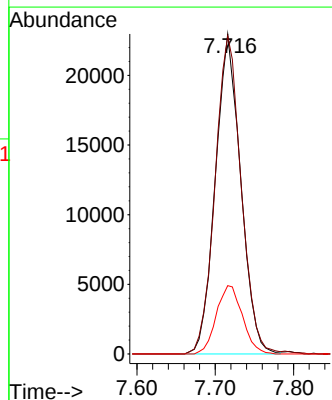
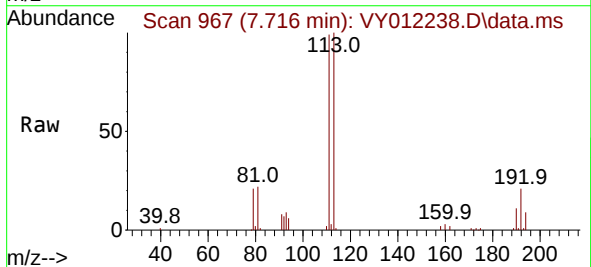
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-011623RE

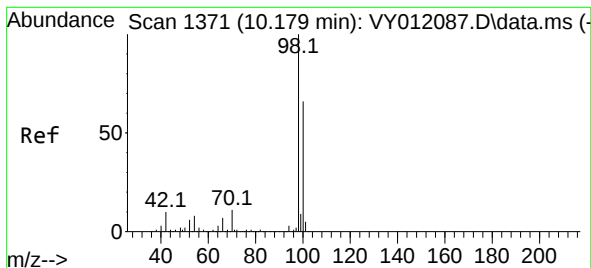
Tgt Ion:114 Resp: 164180
Ion Ratio Lower Upper
114 100
63 17.3 0.0 39.6
88 16.0 0.0 32.2



#35
Dibromofluoromethane
Concen: 59.367 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012238.D
Acq: 18 Jan 2023 12:01

Tgt Ion:113 Resp: 51610
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.4
192 22.0 16.0 24.0





#50

Toluene-d8

Concen: 65.559 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012238.D

Acq: 18 Jan 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

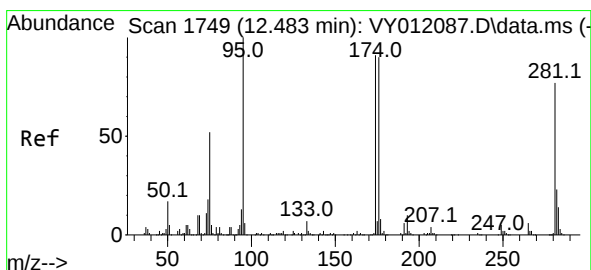
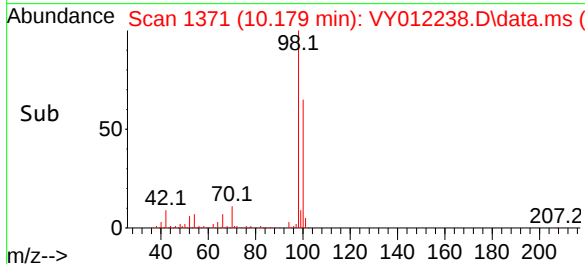
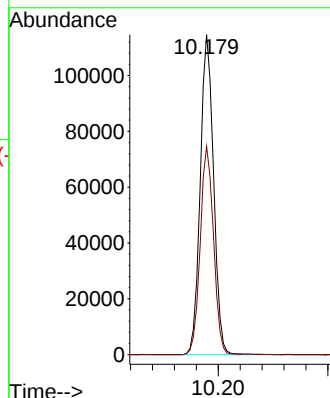
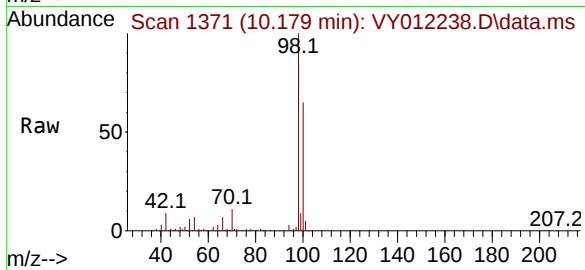
EO-3-011623RE

Tgt Ion: 98 Resp: 193408

Ion Ratio Lower Upper

98 100

100 65.1 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 53.645 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012238.D

Acq: 18 Jan 2023 12:01

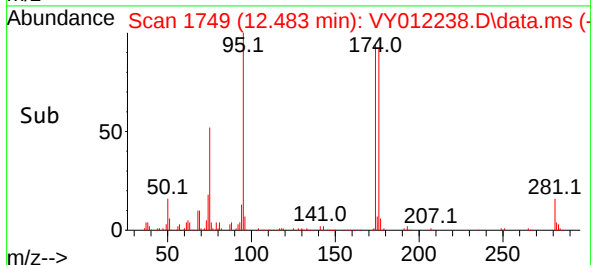
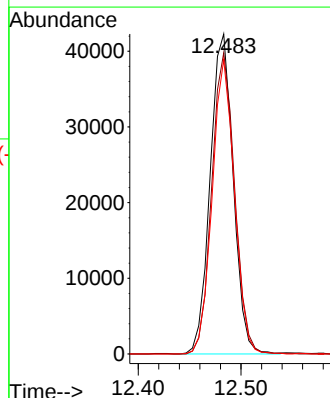
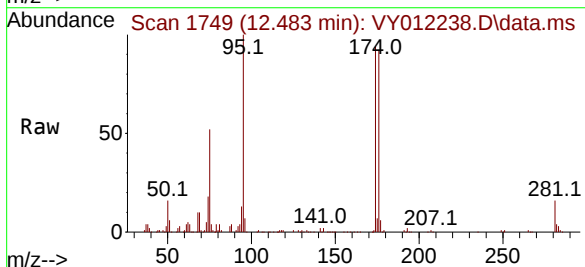
Tgt Ion: 95 Resp: 65742

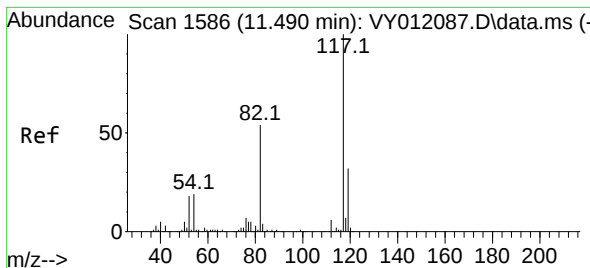
Ion Ratio Lower Upper

95 100

174 93.4 0.0 172.0

176 88.9 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012238.D

Acq: 18 Jan 2023 12:01

Instrument :

MSVOA_Y

ClientSampleId :

EO-3-011623RE

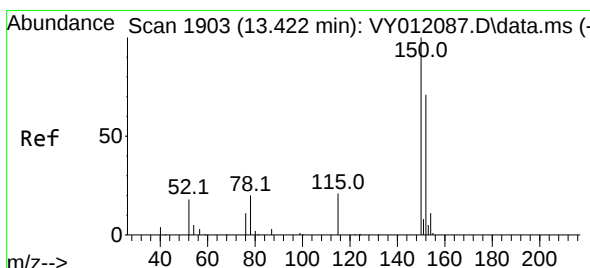
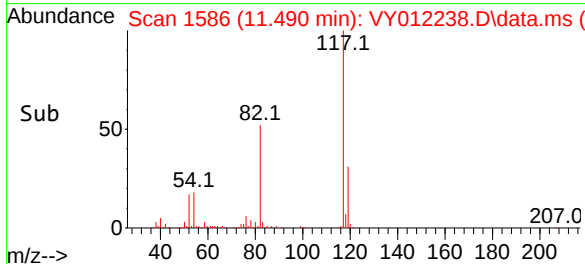
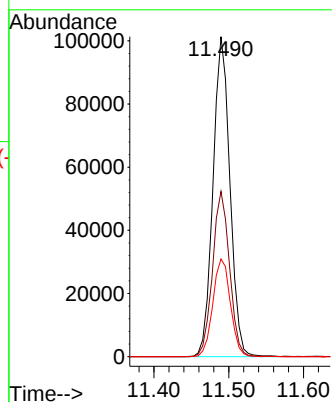
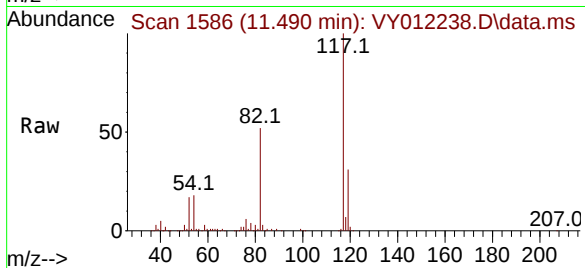
Tgt Ion:117 Resp: 159719

Ion Ratio Lower Upper

117 100

82 51.7 44.8 67.2

119 30.6 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012238.D

Acq: 18 Jan 2023 12:01

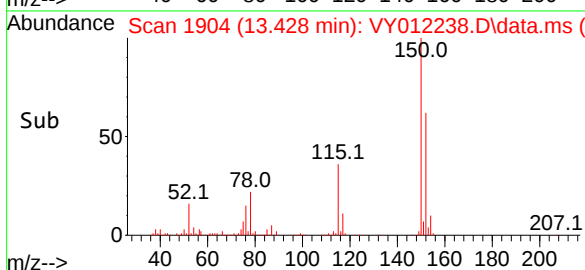
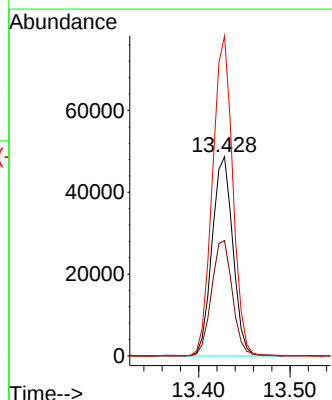
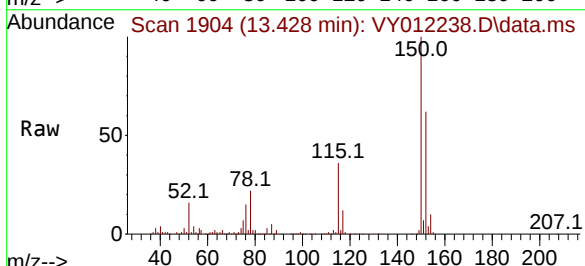
Tgt Ion:152 Resp: 76741

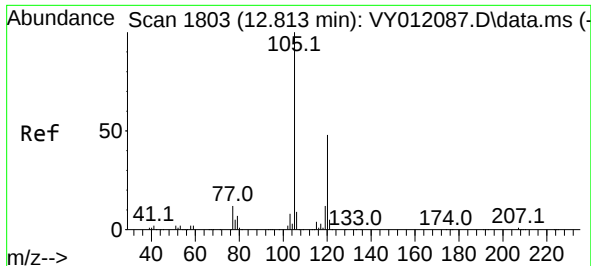
Ion Ratio Lower Upper

152 100

115 58.6 29.1 87.3

150 157.0 0.0 342.6

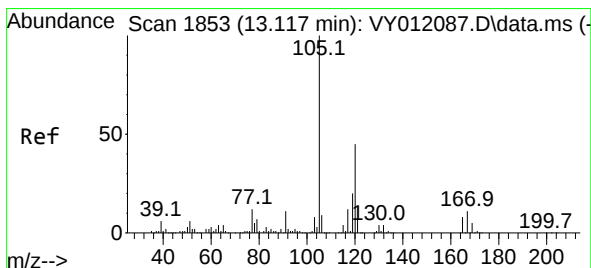
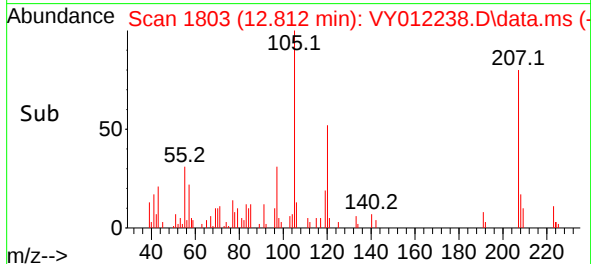
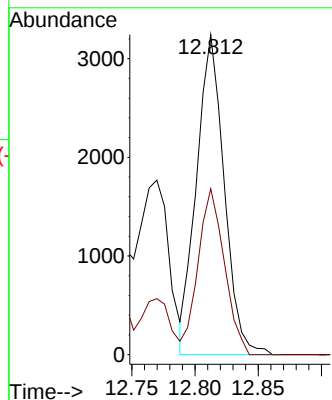
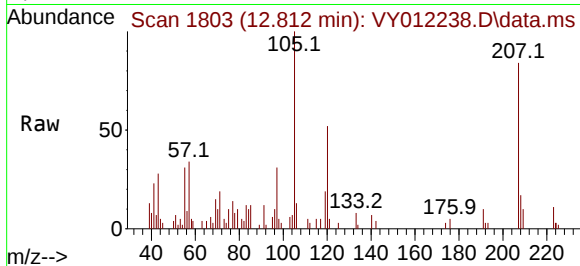




#80
1,3,5-Trimethylbenzene
Concen: 1.024 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY012238.D
Acq: 18 Jan 2023 12:01

Instrument :
MSVOA_Y
ClientSampleId :
EO-3-011623RE

Tgt Ion:105 Resp: 4928
Ion Ratio Lower Upper
105 100
120 49.5 24.2 72.6



#84
1,2,4-Trimethylbenzene
Concen: 1.128 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY012238.D
Acq: 18 Jan 2023 12:01

Tgt Ion:105 Resp: 5351
Ion Ratio Lower Upper
105 100
120 47.3 22.9 68.7

