

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
 Data File : VY008431.D
 Acq On : 20 Apr 2022 20:12
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Apr 21 02:42:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

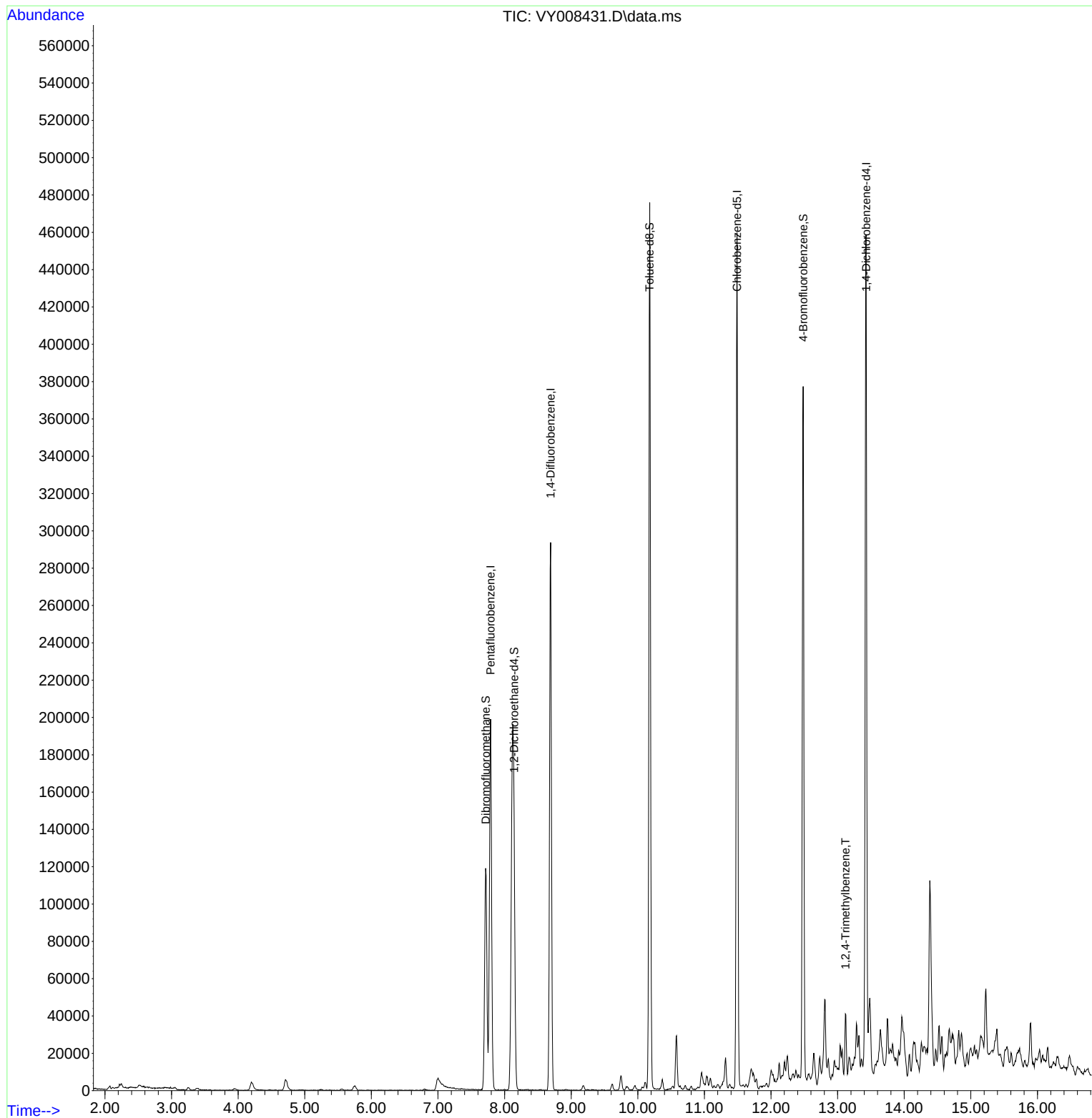
Internal Standards						
1) Pentafluorobenzene	7.789	168	161970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	276768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	262849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	74618	49.045	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.080%
35) Dibromofluoromethane	7.716	113	86377	54.034	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.060%
50) Toluene-d8	10.179	98	320106	58.521	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.040%
62) 4-Bromofluorobenzene	12.483	95	114803	55.800	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.600%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.117	105	18542	2.483	ug/l	Qvalue 99

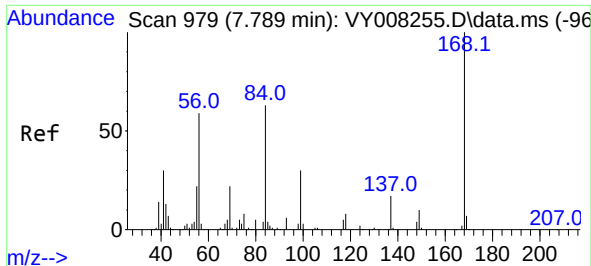
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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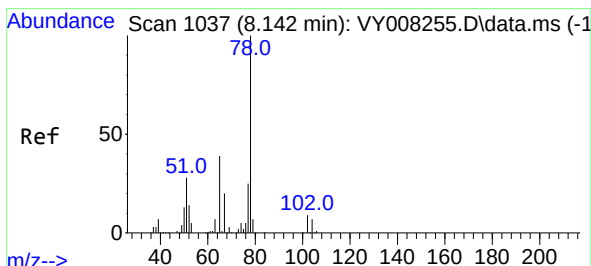
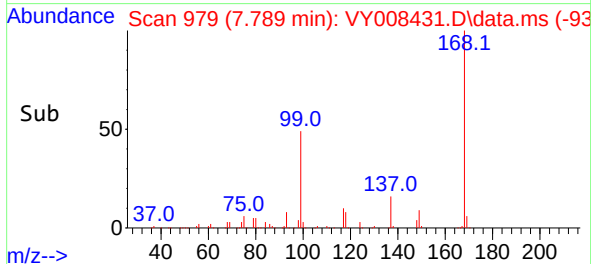
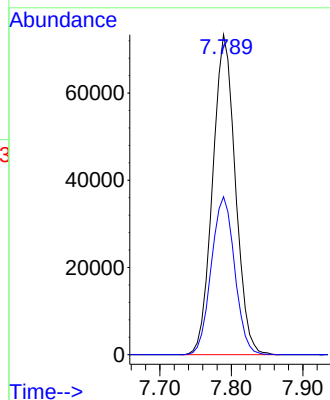
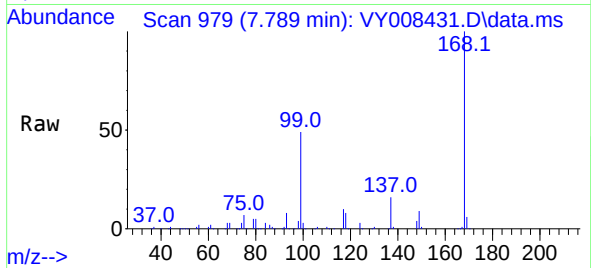




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008431.D
Acq: 20 Apr 2022 20:12

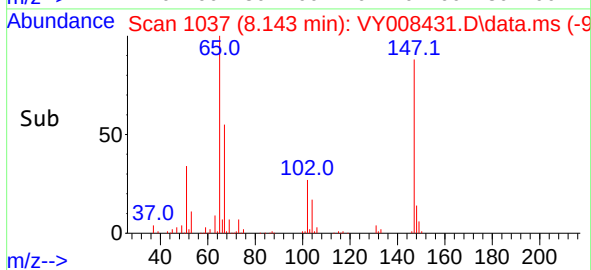
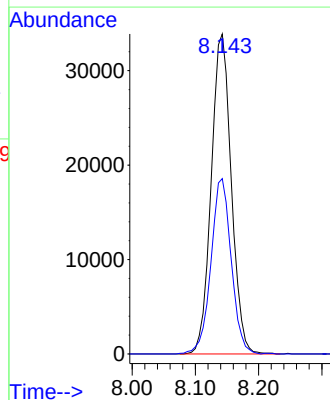
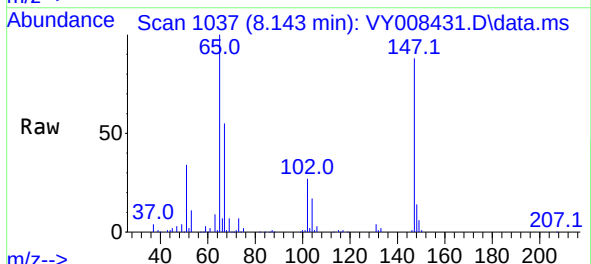
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

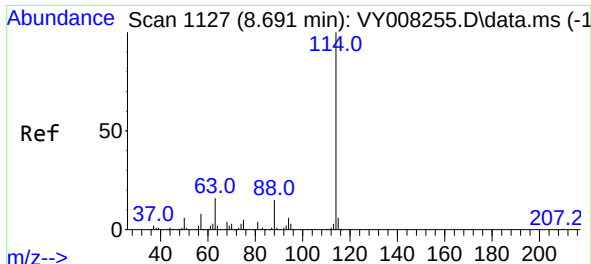
Tgt Ion:168 Resp: 161970
Ion Ratio Lower Upper
168 100
99 49.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 49.045 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008431.D
Acq: 20 Apr 2022 20:12

Tgt Ion: 65 Resp: 74618
Ion Ratio Lower Upper
65 100
67 55.4 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: VY008431.D

Acq: 20 Apr 2022 20:12

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

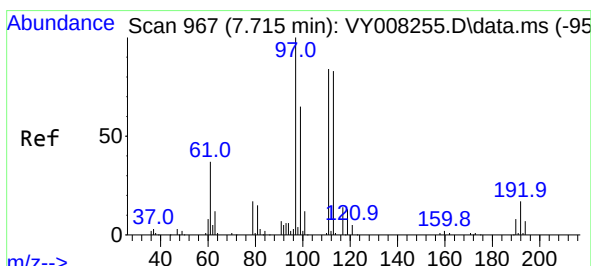
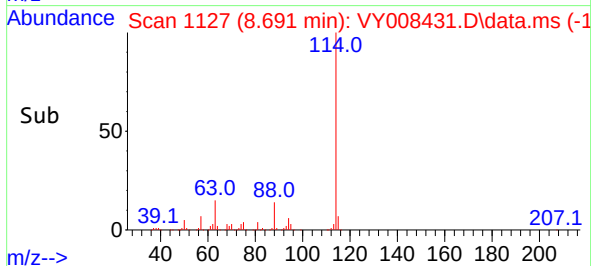
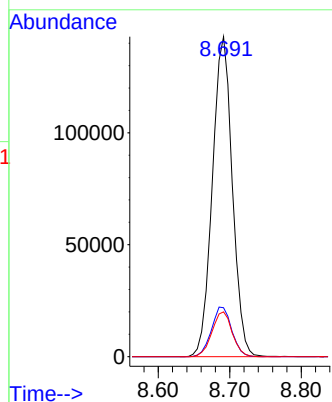
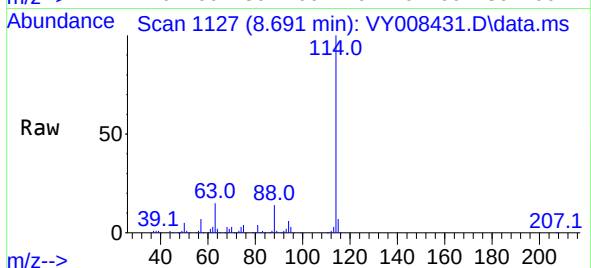
Tgt Ion:114 Resp: 276768

Ion Ratio Lower Upper

114 100

63 15.3 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.034 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008431.D

Acq: 20 Apr 2022 20:12

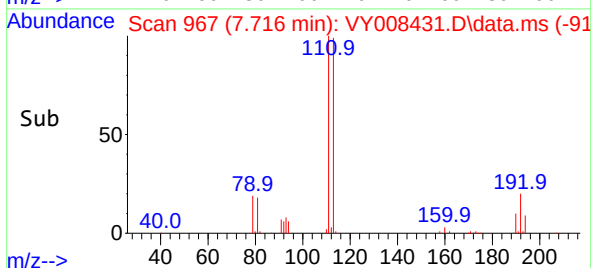
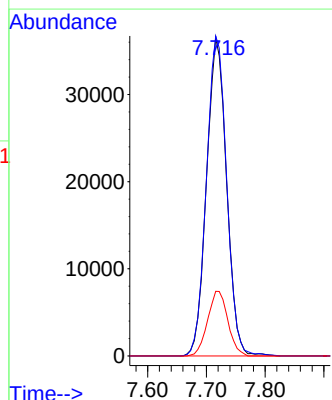
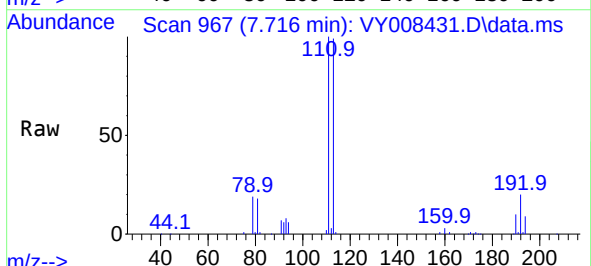
Tgt Ion:113 Resp: 86377

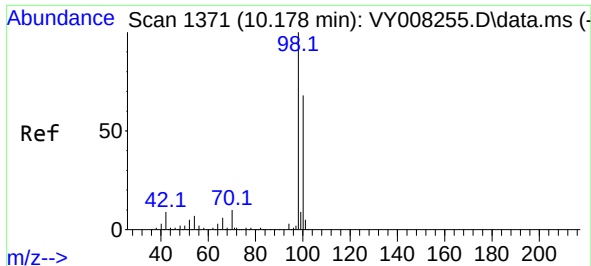
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 20.5 17.6 26.4

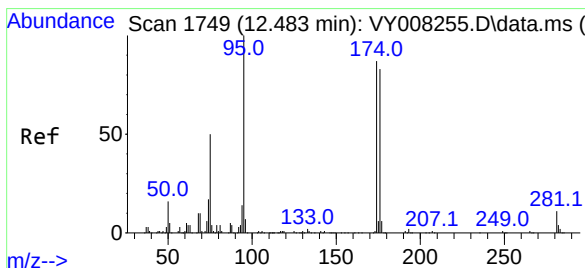
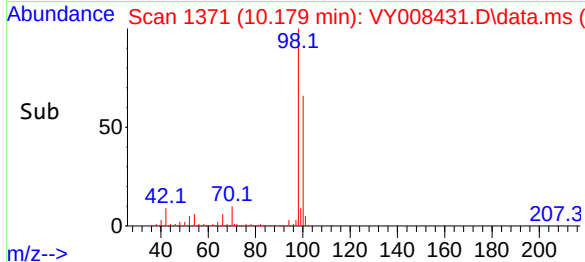
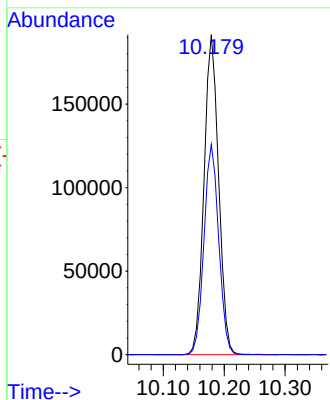
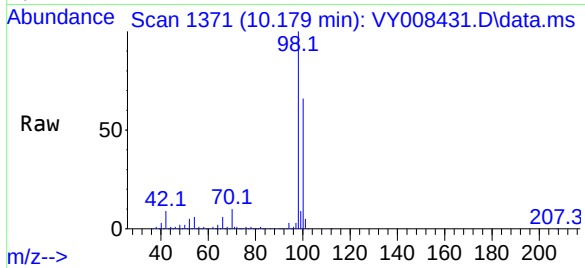




#50
Toluene-d8
Concen: 58.521 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008431.D
Acq: 20 Apr 2022 20:12

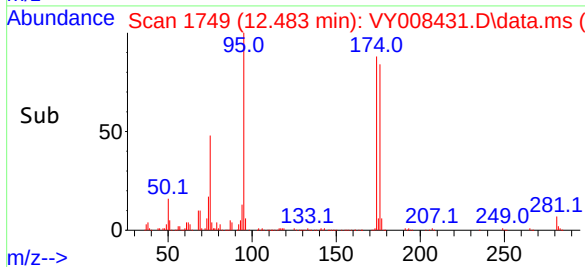
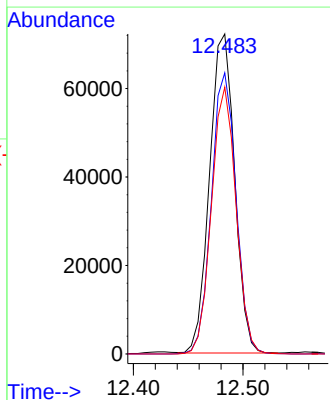
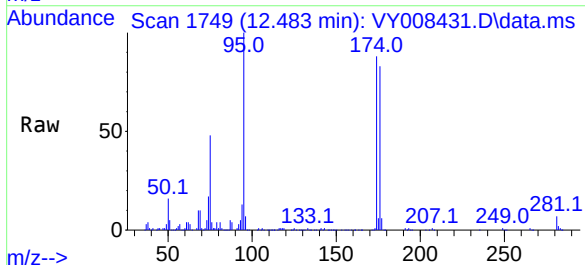
Instrument :
MSVOA_Y
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VIBLK

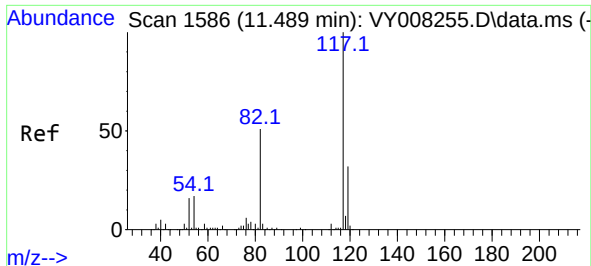
Tgt Ion: 98 Resp: 320106
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 55.800 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008431.D
Acq: 20 Apr 2022 20:12

Tgt Ion: 95 Resp: 114803
Ion Ratio Lower Upper
95 100
174 86.6 0.0 177.0
176 81.9 0.0 175.8

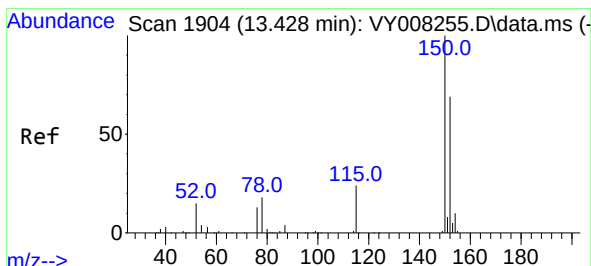
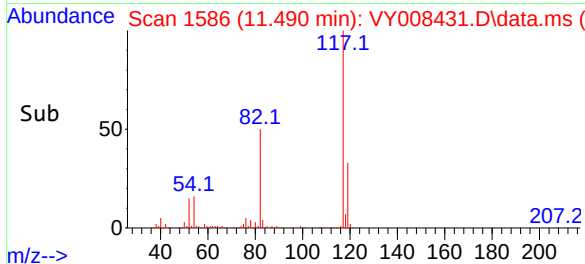
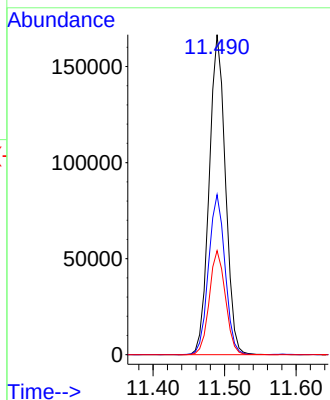
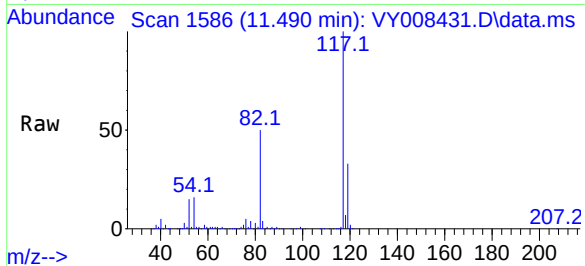




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008431.D
Acq: 20 Apr 2022 20:12

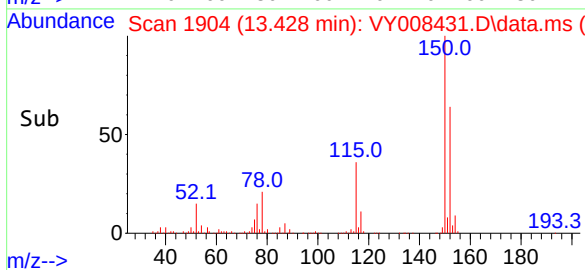
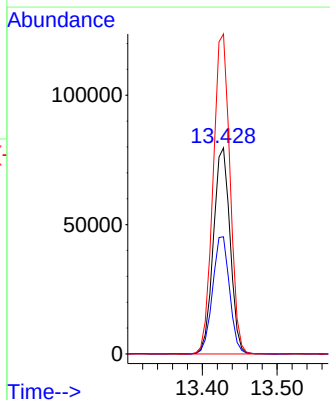
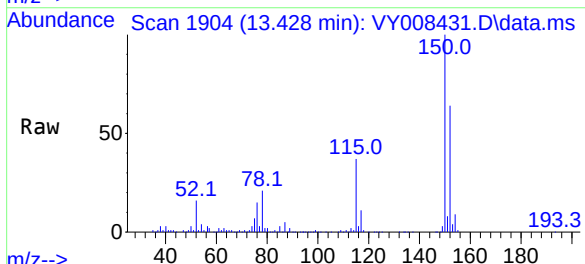
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

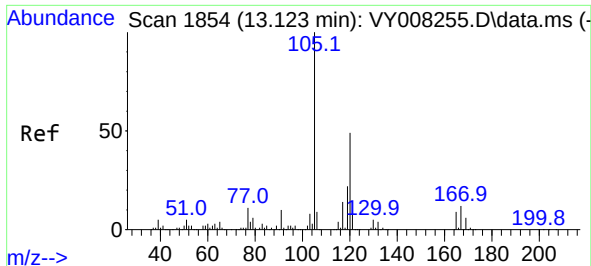
Tgt Ion:117 Resp: 262849
Ion Ratio Lower Upper
117 100
82 50.0 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008431.D
Acq: 20 Apr 2022 20:12

Tgt Ion:152 Resp: 123774
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 156.6 0.0 347.6





#84
 1,2,4-Trimethylbenzene
 Concen: 2.483 ug/l
 RT: 13.117 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY008431.D
 Acq: 20 Apr 2022 20:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion:105 Resp: 18542
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.3 66.9

