

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
 Data File : VY007485.D
 Acq On : 11 Feb 2022 18:30
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 12 02:56:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

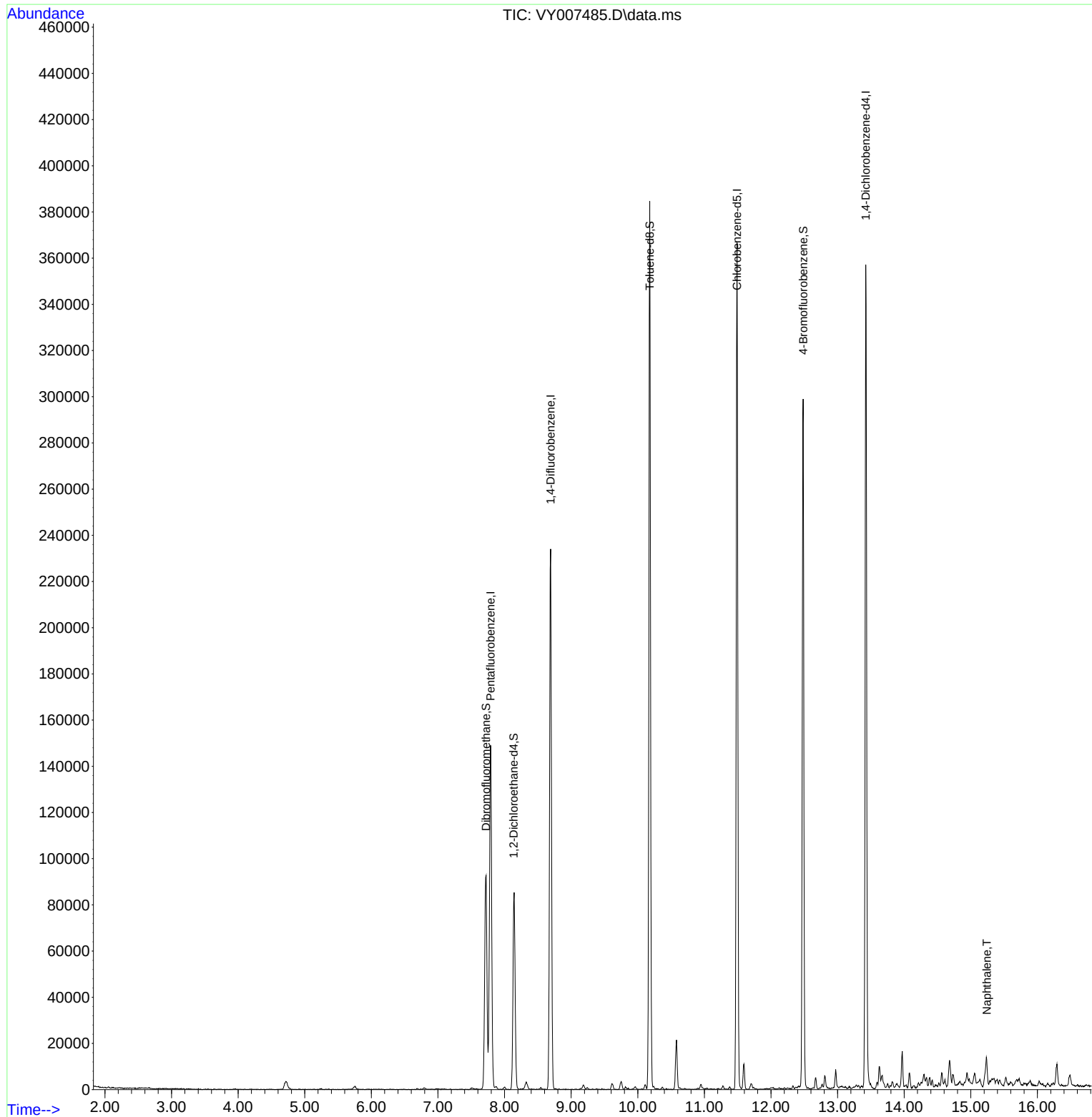
Internal Standards						
1) Pentafluorobenzene	7.789	168	109627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	199261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	196203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	68916	54.653	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.300%	
35) Dibromofluoromethane	7.722	113	65989	51.573	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.140%	
50) Toluene-d8	10.179	98	245662	51.967	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.940%	
62) 4-Bromofluorobenzene	12.483	95	90736	56.472	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.940%	
Target Compounds						Qvalue
95) Naphthalene	15.239	128	9067	2.539	ug/l	99

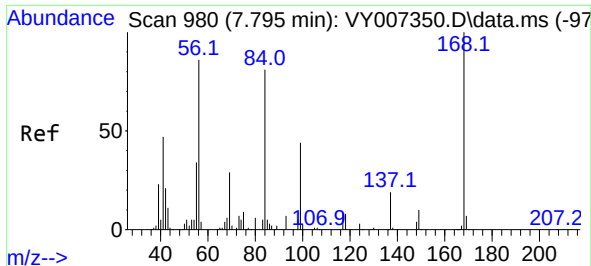
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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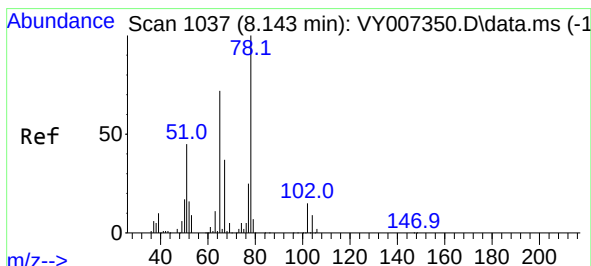
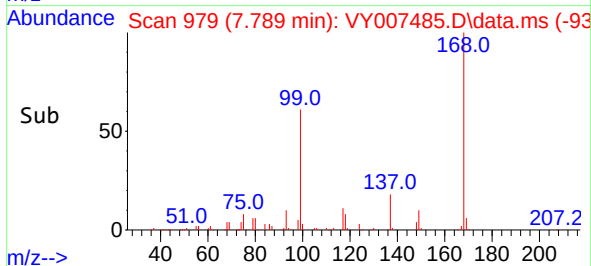
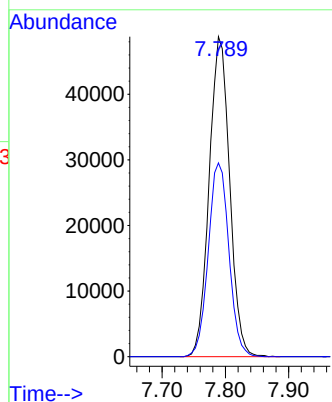
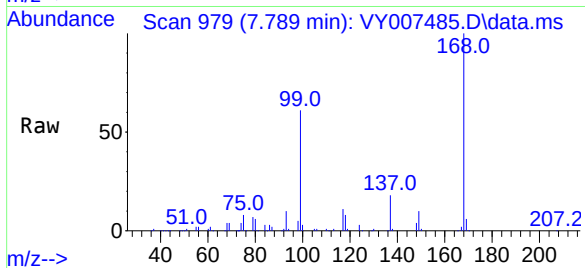




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007485.D
Acq: 11 Feb 2022 18:30

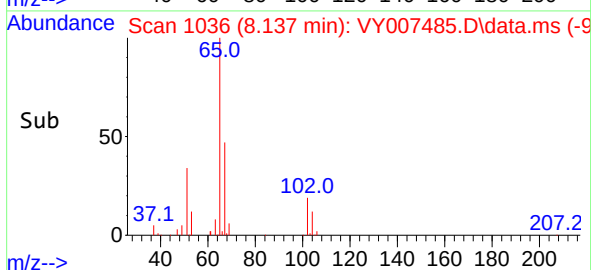
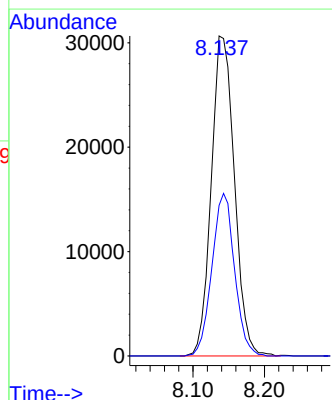
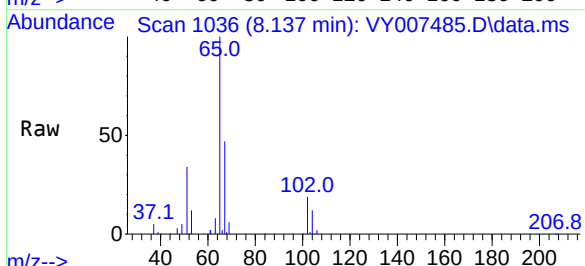
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

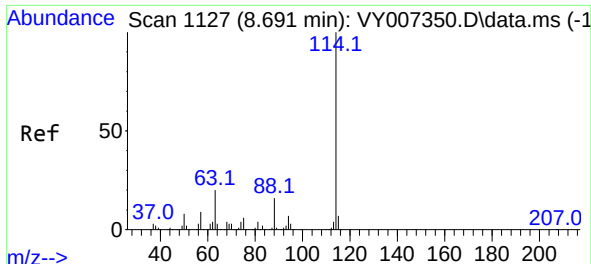
Tgt Ion:168 Resp: 109627
Ion Ratio Lower Upper
168 100
99 60.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.653 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY007485.D
Acq: 11 Feb 2022 18:30

Tgt Ion: 65 Resp: 68916
Ion Ratio Lower Upper
65 100
67 49.7 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: VY007485.D

Acq: 11 Feb 2022 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

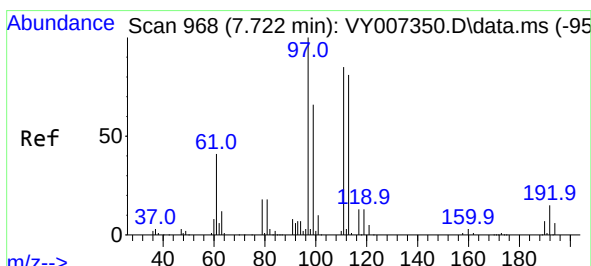
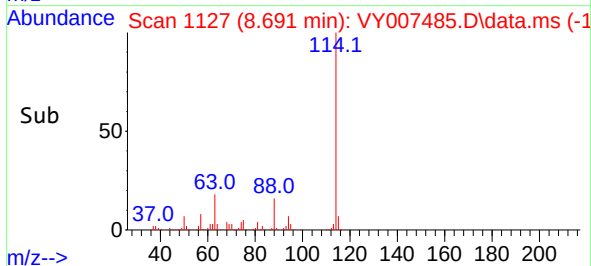
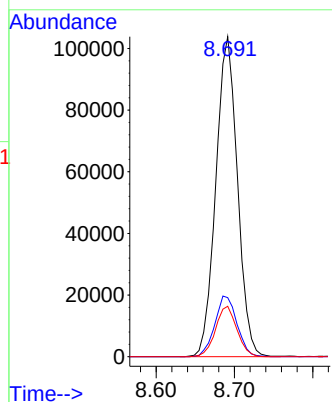
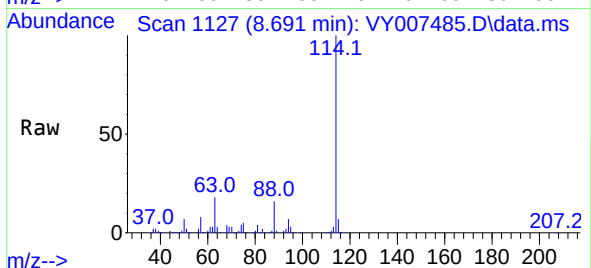
Tgt Ion:114 Resp: 199261

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.573 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY007485.D

Acq: 11 Feb 2022 18:30

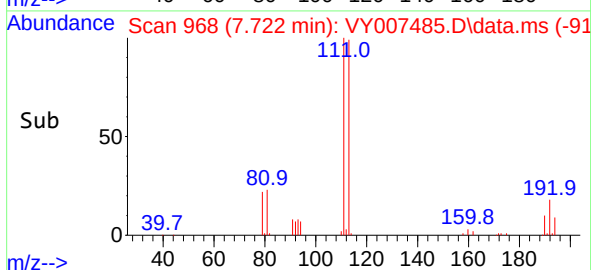
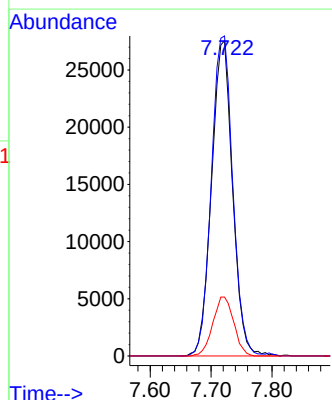
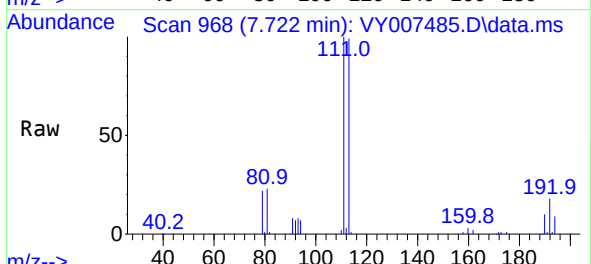
Tgt Ion:113 Resp: 65989

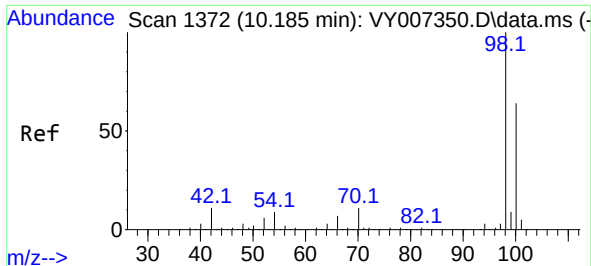
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 18.6 17.6 26.4

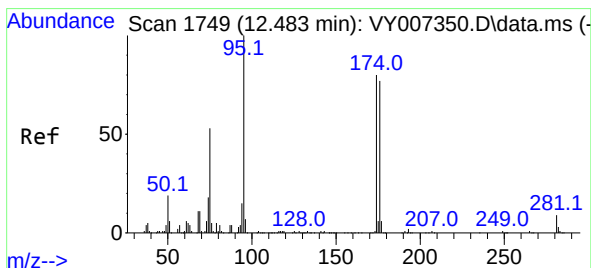
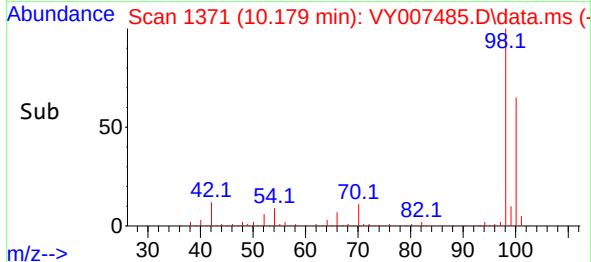
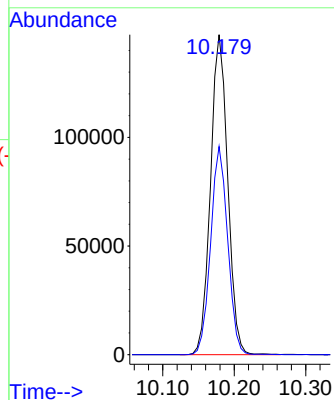
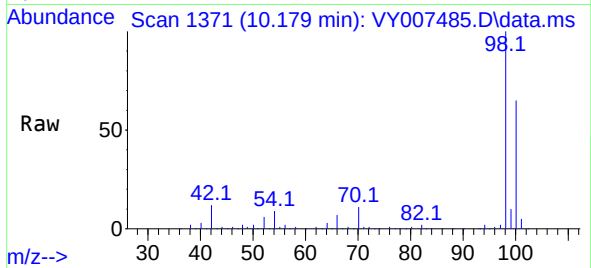




#50
Toluene-d8
Concen: 51.967 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007485.D
Acq: 11 Feb 2022 18:30

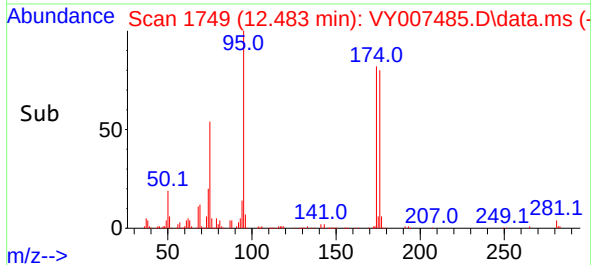
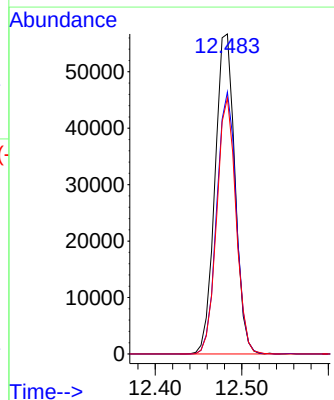
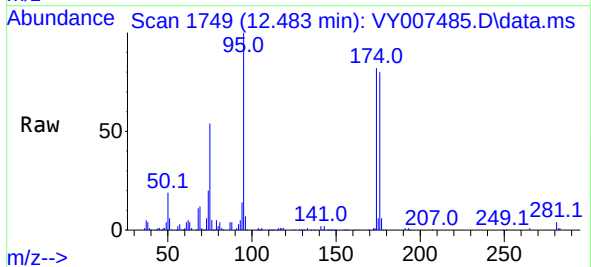
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

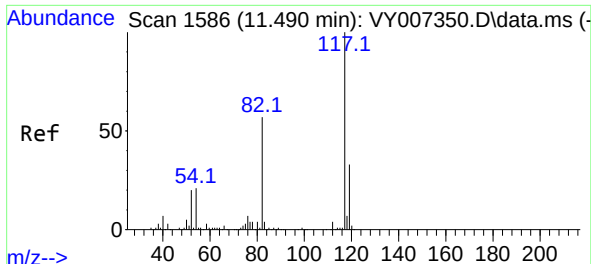
Tgt Ion: 98 Resp: 245662
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 56.472 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007485.D
Acq: 11 Feb 2022 18:30

Tgt Ion: 95 Resp: 90736
Ion Ratio Lower Upper
95 100
174 79.7 0.0 177.0
176 76.8 0.0 175.8

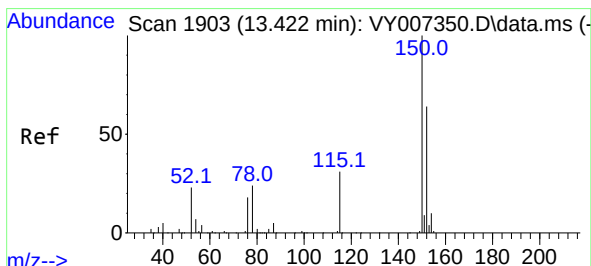
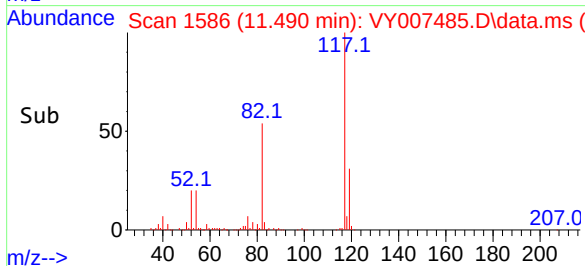
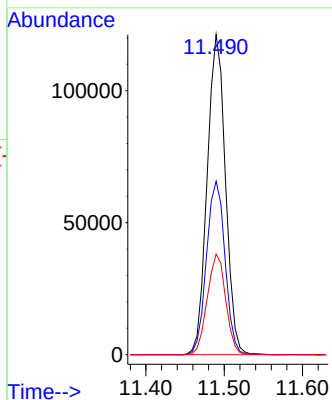
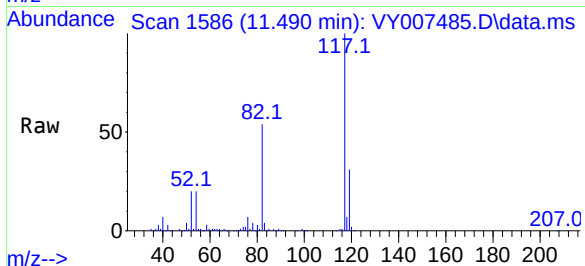




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007485.D
Acq: 11 Feb 2022 18:30

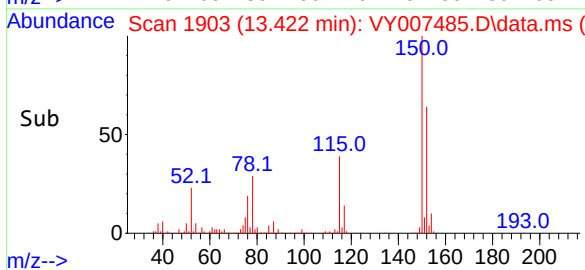
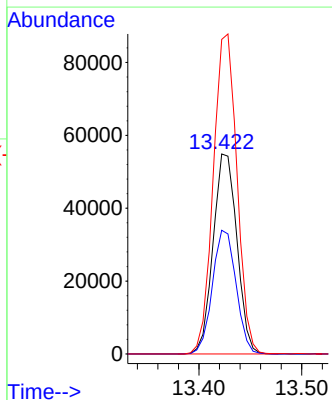
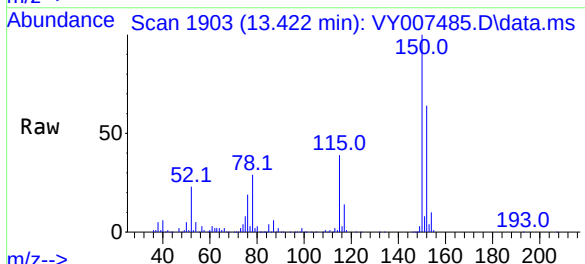
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

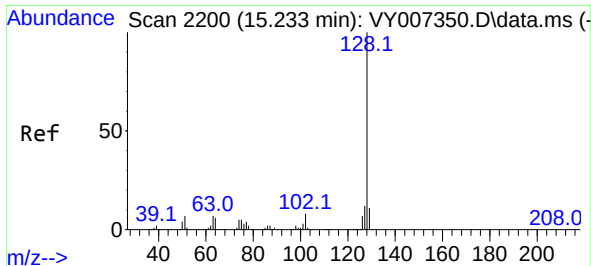
Tgt Ion:117 Resp: 196203
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007485.D
Acq: 11 Feb 2022 18:30

Tgt Ion:152 Resp: 88318
Ion Ratio Lower Upper
152 100
115 61.5 28.2 84.7
150 159.0 0.0 347.6





#95

Naphthalene

Concen: 2.539 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY007485.D

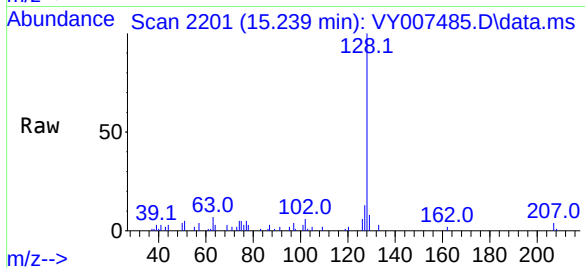
Acq: 11 Feb 2022 18:30

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK



Tgt Ion:128 Resp: 9067

Ion Ratio Lower Upper

128 100

127 13.6 11.0 16.4

129 9.8 8.4 12.6

