

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
 Data File : VY007582.D
 Acq On : 22 Feb 2022 14:55
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 22 16:11:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 15:25:36 2022
 Response via : Initial Calibration

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

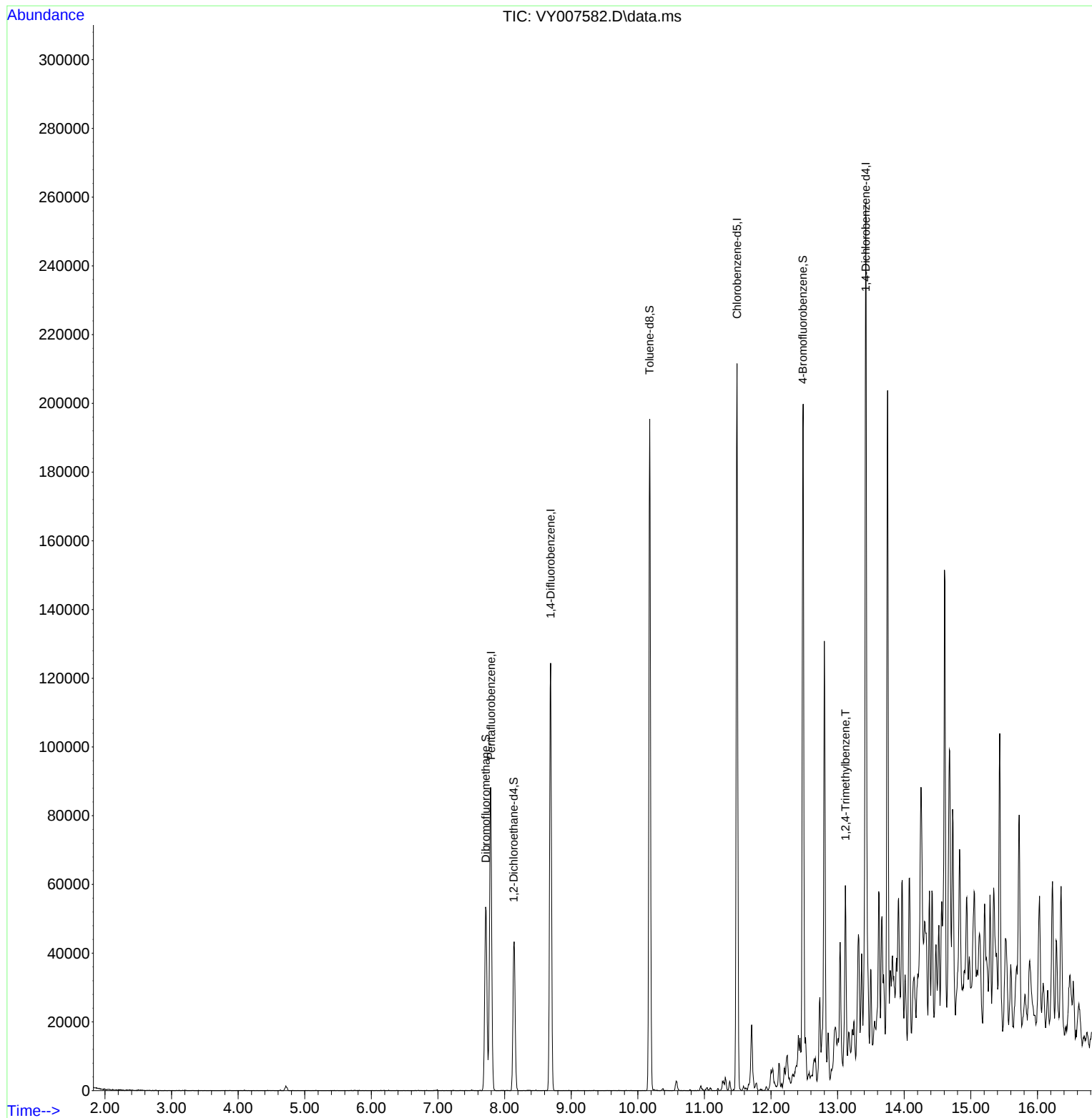
Internal Standards						
1) Pentafluorobenzene	7.795	168	62857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	99967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	104106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	51200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	36736	56.429	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.860%	
35) Dibromofluoromethane	7.715	113	34378	54.235	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.460%	
50) Toluene-d8	10.178	98	121744	55.393	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.780%	
62) 4-Bromofluorobenzene	12.477	95	50258	63.154	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 126.300%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.117	105	24300	7.277	ug/l	Qvalue 100

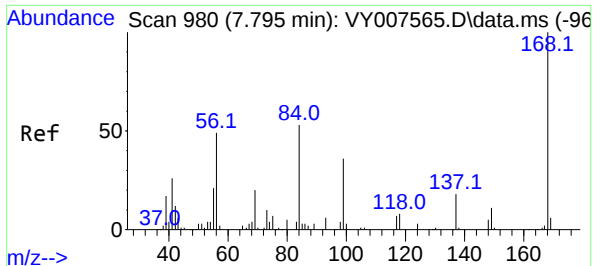
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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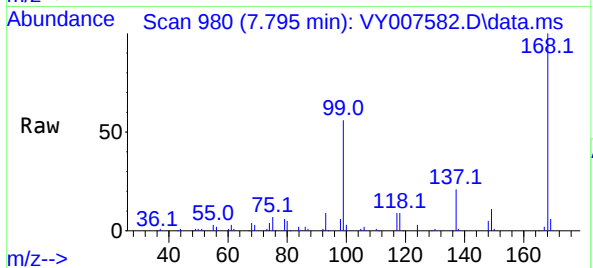
Quant Time: Feb 22 16:11:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
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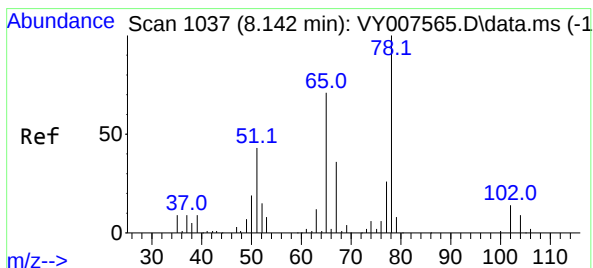
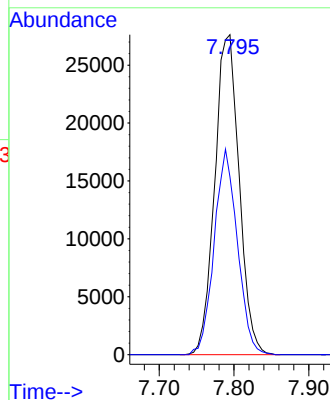
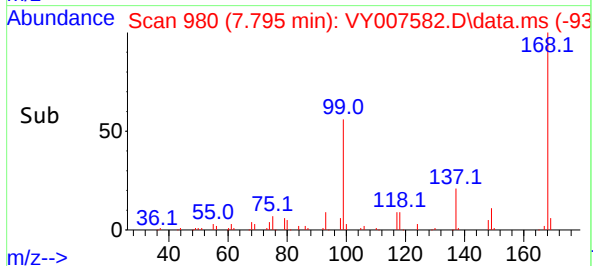


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007582.D
Acq: 22 Feb 2022 14:55

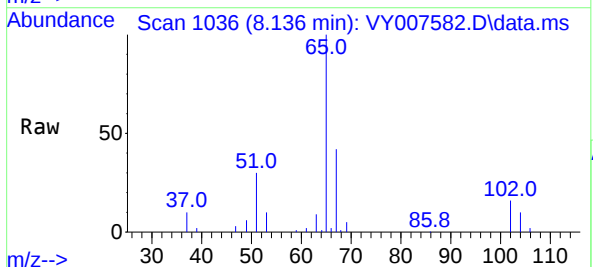
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK



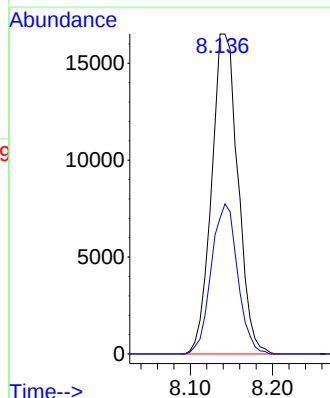
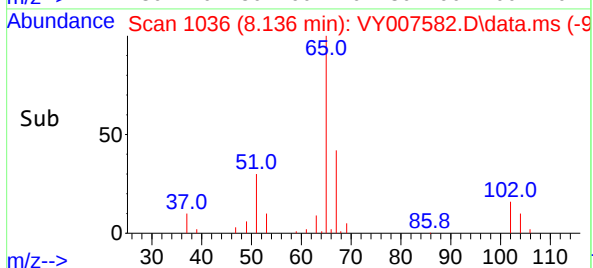
Tgt Ion:168 Resp: 62857
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3

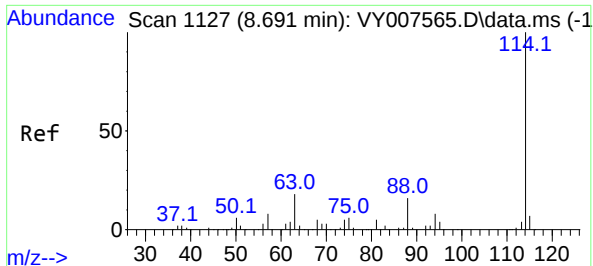


#33
1,2-Dichloroethane-d4
Concen: 56.429 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY007582.D
Acq: 22 Feb 2022 14:55



Tgt Ion: 65 Resp: 36736
Ion Ratio Lower Upper
65 100
67 46.8 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: VY007582.D

Acq: 22 Feb 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

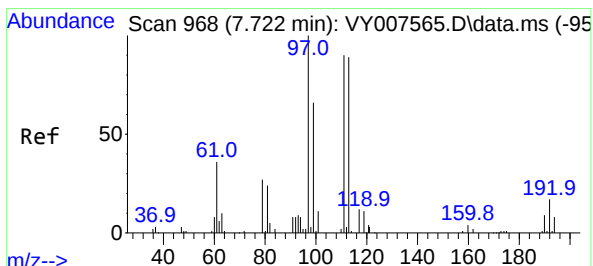
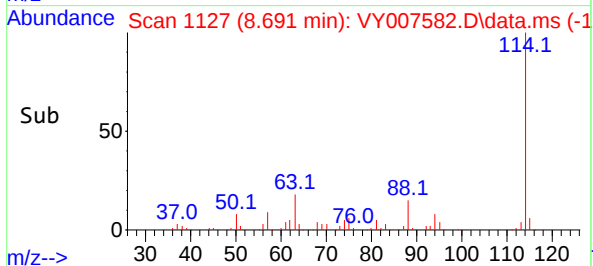
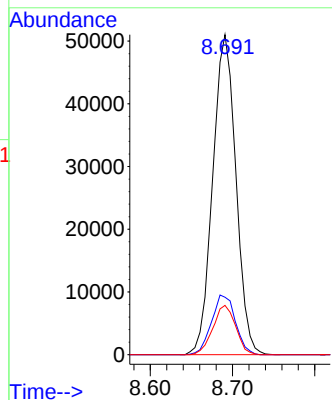
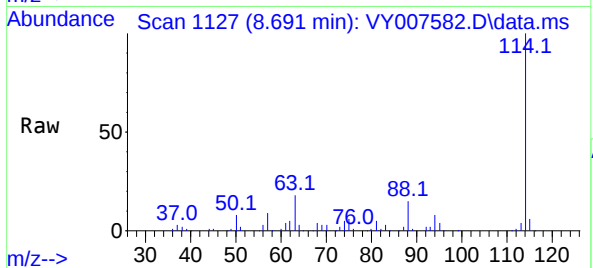
Tgt Ion:114 Resp: 99967

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.235 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.007 min

Lab File: VY007582.D

Acq: 22 Feb 2022 14:55

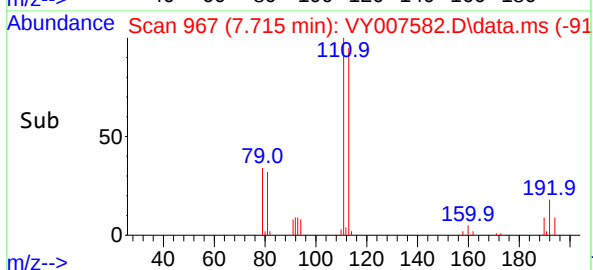
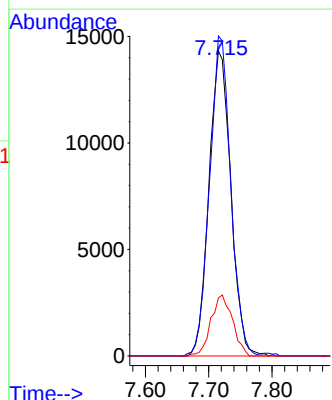
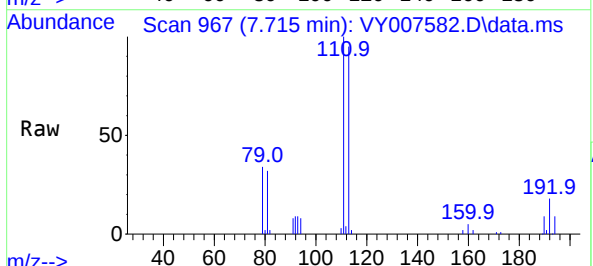
Tgt Ion:113 Resp: 34378

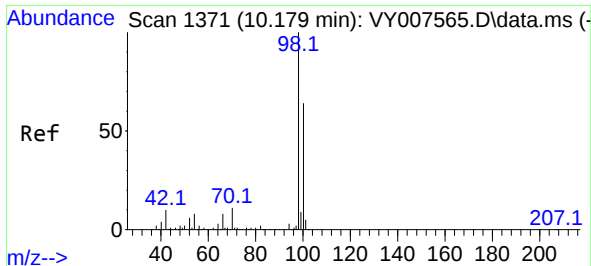
Ion Ratio Lower Upper

113 100

111 101.1 82.6 124.0

192 19.7 17.6 26.4

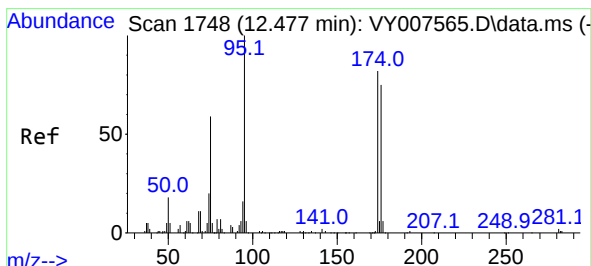
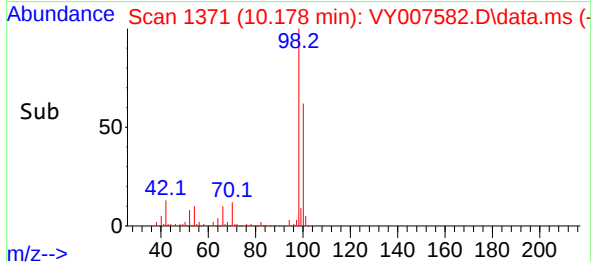
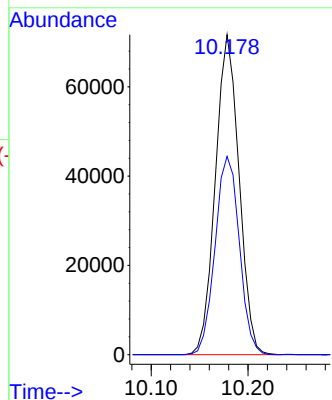
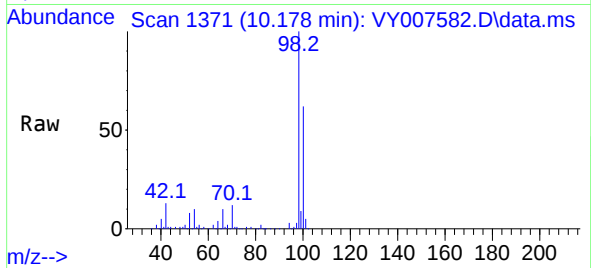




#50
Toluene-d8
Concen: 55.393 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007582.D
Acq: 22 Feb 2022 14:55

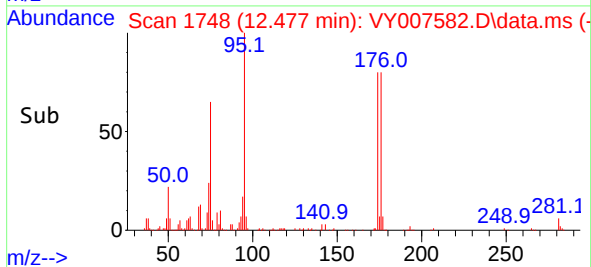
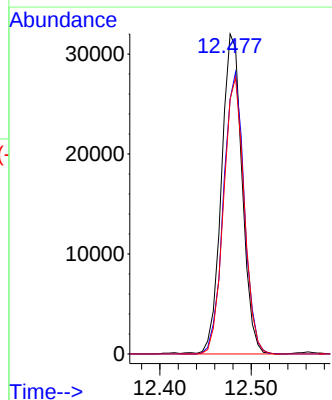
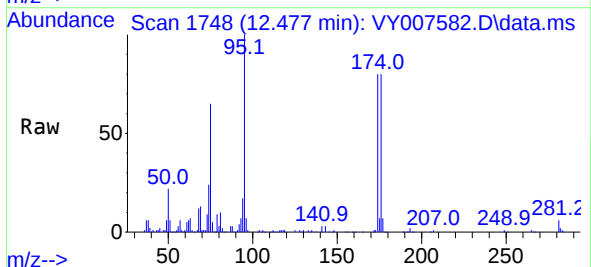
Instrument :
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VIBLK

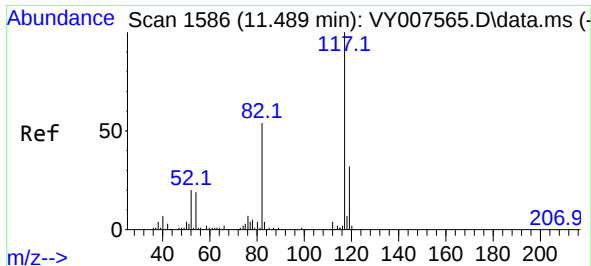
Tgt Ion: 98 Resp: 121744
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 63.154 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY007582.D
Acq: 22 Feb 2022 14:55

Tgt Ion: 95 Resp: 50258
Ion Ratio Lower Upper
95 100
174 88.0 0.0 177.0
176 85.8 0.0 175.8

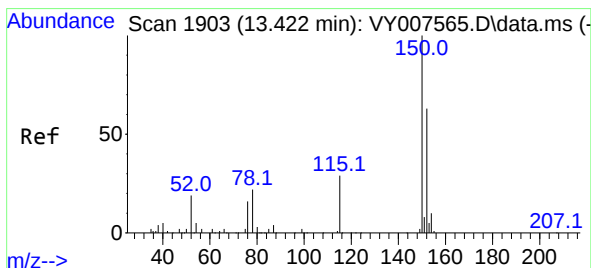
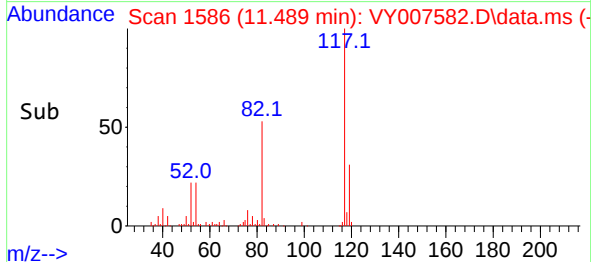
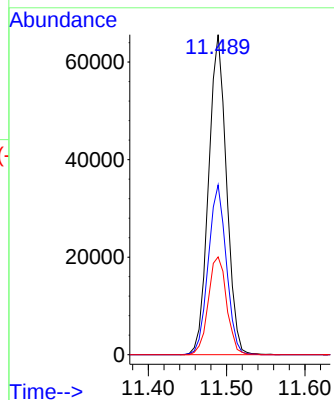
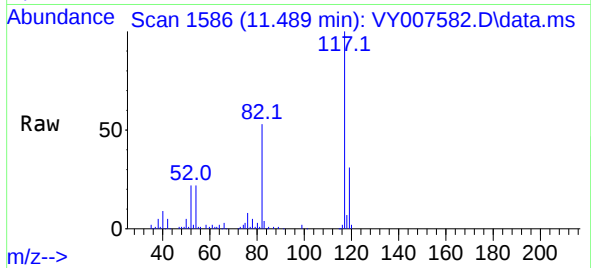




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007582.D
Acq: 22 Feb 2022 14:55

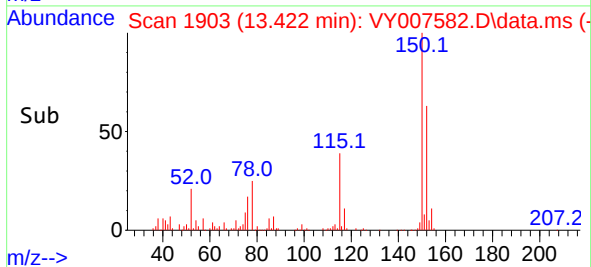
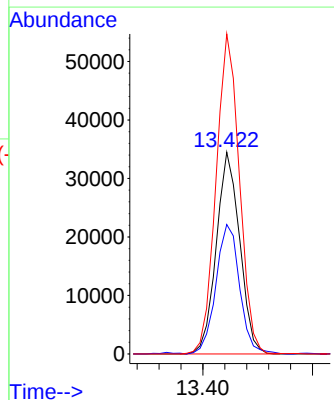
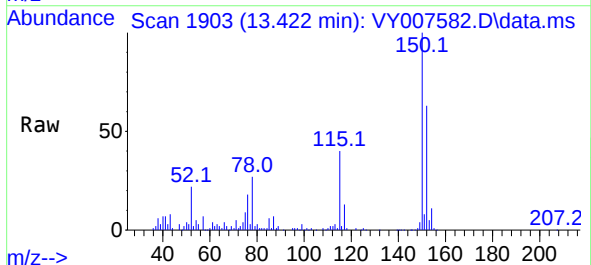
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

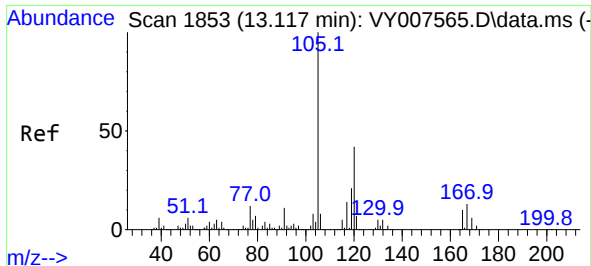
Tgt Ion:117 Resp: 104106
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 30.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007582.D
Acq: 22 Feb 2022 14:55

Tgt Ion:152 Resp: 51200
Ion Ratio Lower Upper
152 100
115 65.0 28.2 84.7
150 158.1 0.0 347.6





#84
 1,2,4-Trimethylbenzene
 Concen: 7.277 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VY007582.D
 Acq: 22 Feb 2022 14:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion:105 Resp: 24300
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.3 66.9

