

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
 Data File : VY007480.D
 Acq On : 11 Feb 2022 15:28
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 12 02:54:36 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)

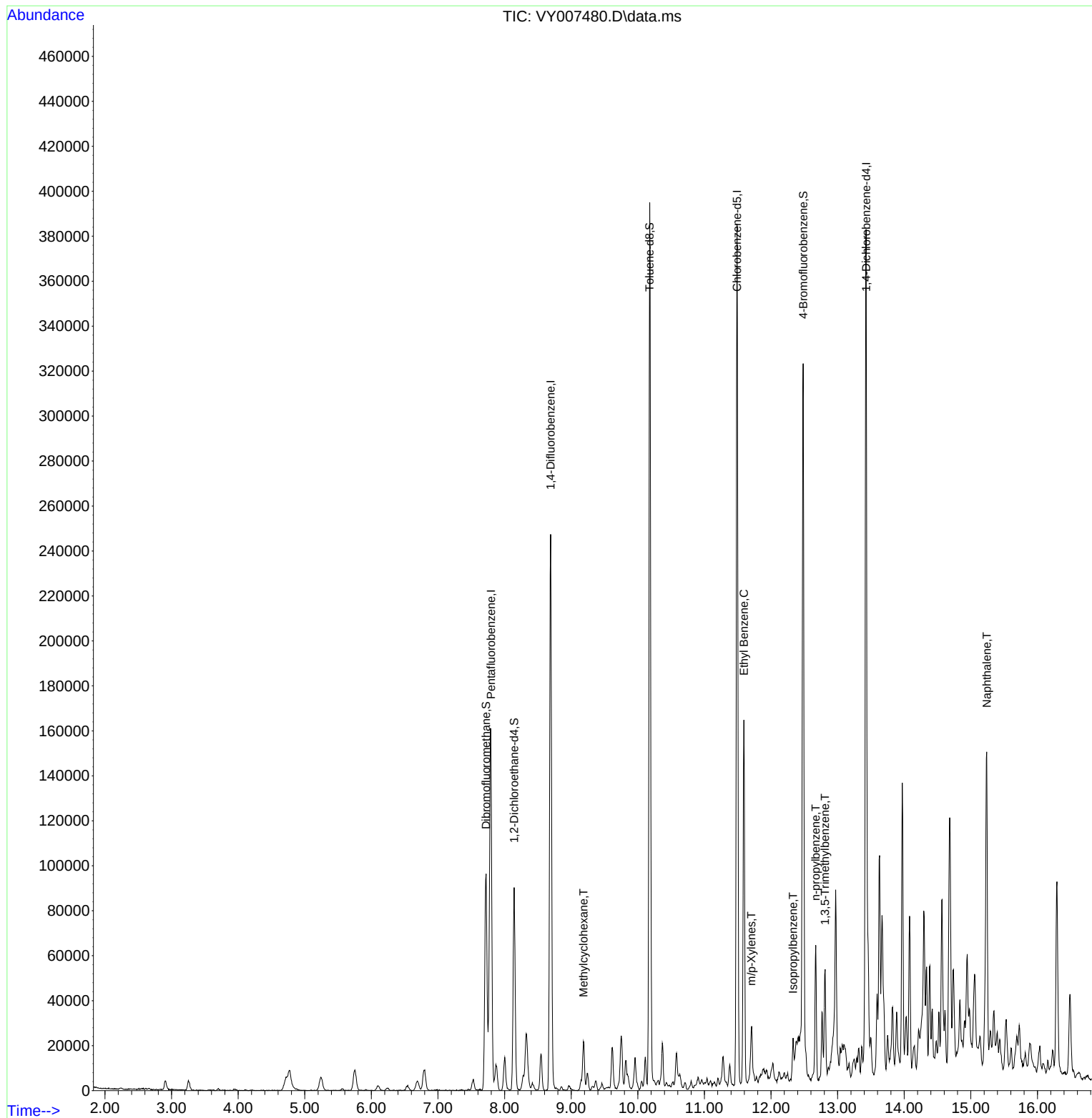
Internal Standards						
1) Pentafluorobenzene	7.795	168	113248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	207139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	200410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	69496	53.351	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.700%	
35) Dibromofluoromethane	7.722	113	67250	50.560	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.120%	
50) Toluene-d8	10.179	98	249613	50.795	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.580%	
62) 4-Bromofluorobenzene	12.483	95	94044	56.305	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.600%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.185	83	6147	2.105	ug/l	# 80
67) Ethyl Benzene	11.593	91	110000	13.002	ug/l	97
68) m/p-Xylenes	11.703	106	4435	1.415	ug/l	98
73) Isopropylbenzene	12.331	105	9080	1.111	ug/l	98
78) n-propylbenzene	12.672	91	44124	4.458	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	19057	2.859	ug/l	96
95) Naphthalene	15.239	128	107576	29.756	ug/l	99

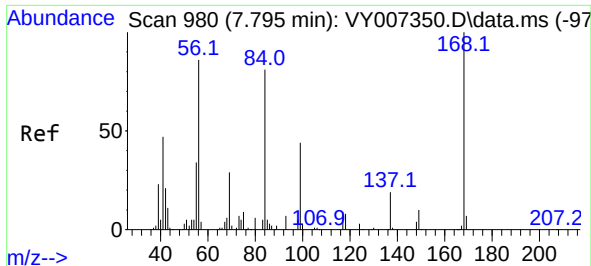
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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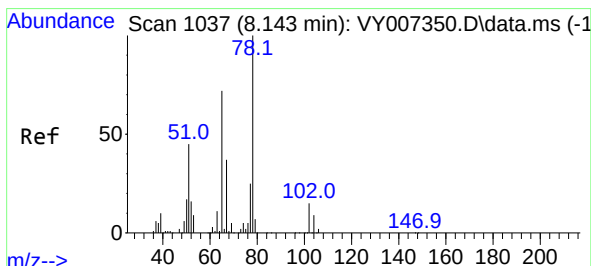
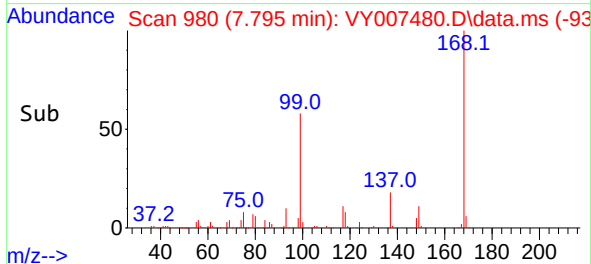
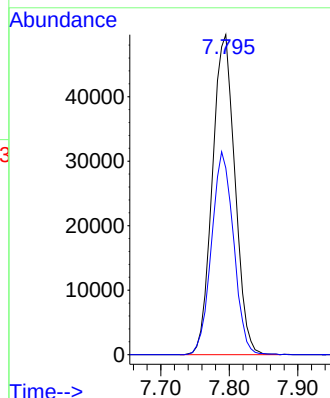
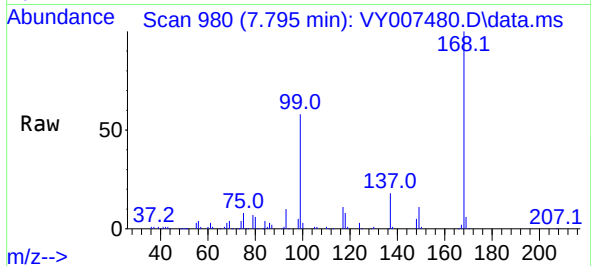




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007480.D
Acq: 11 Feb 2022 15:28

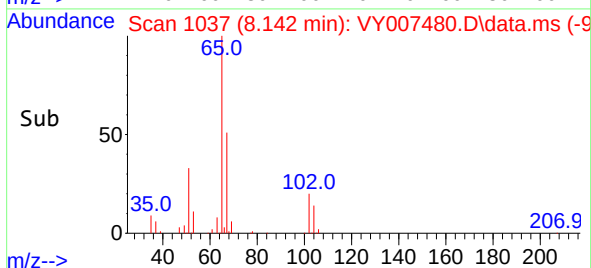
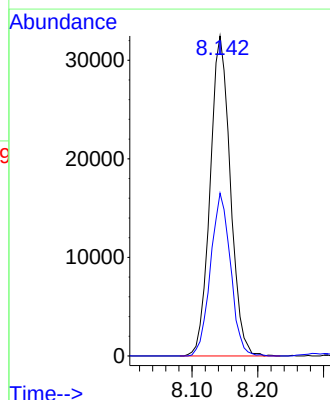
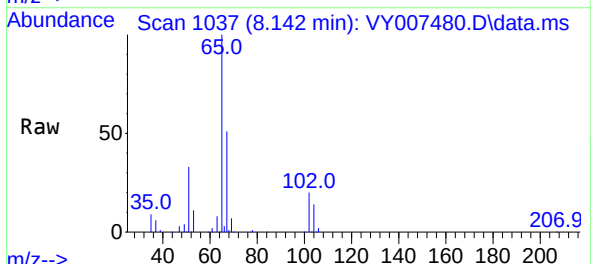
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

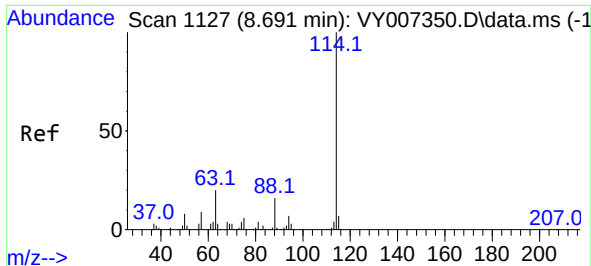
Tgt Ion:168 Resp: 113248
Ion Ratio Lower Upper
168 100
99 58.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.351 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007480.D
Acq: 11 Feb 2022 15:28

Tgt Ion: 65 Resp: 69496
Ion Ratio Lower Upper
65 100
67 50.3 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: VY007480.D

Acq: 11 Feb 2022 15:28

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

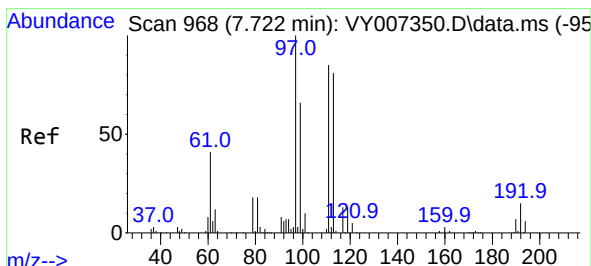
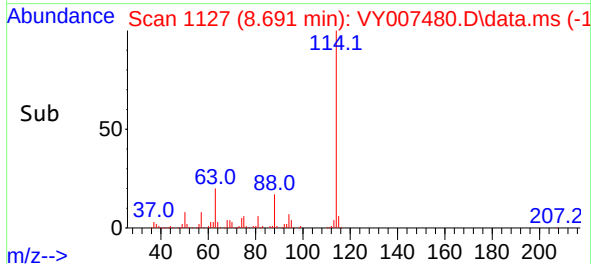
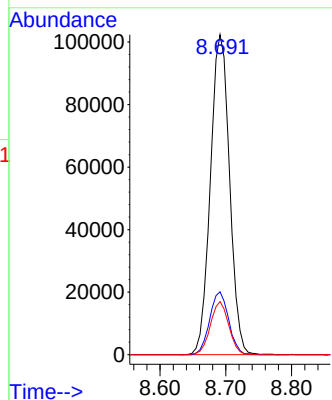
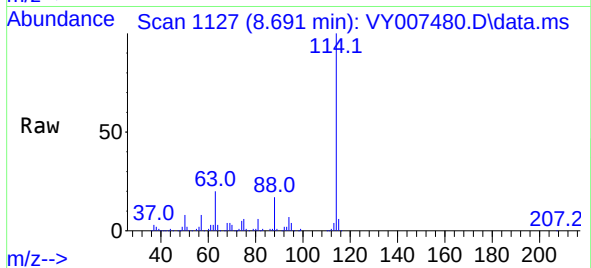
Tgt Ion:114 Resp: 207139

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 16.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.560 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007480.D

Acq: 11 Feb 2022 15:28

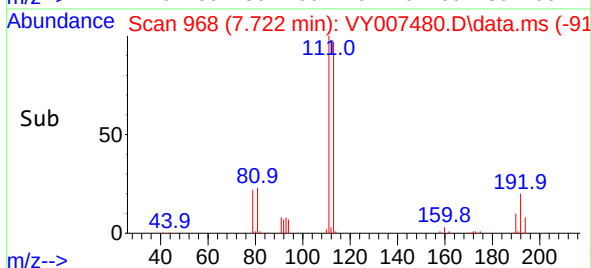
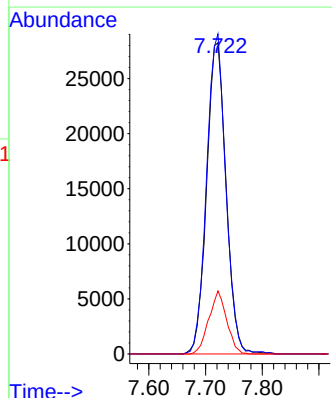
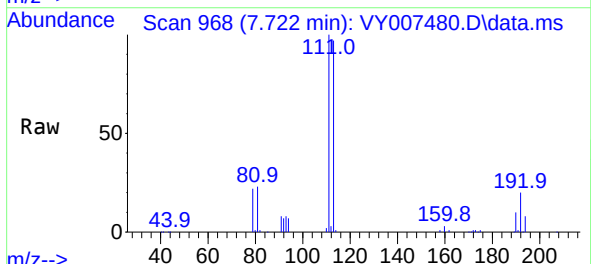
Tgt Ion:113 Resp: 67250

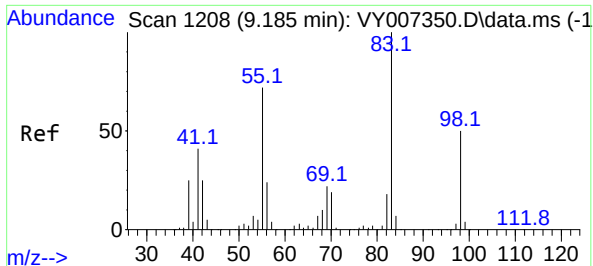
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 18.6 17.6 26.4





#39

Methylcyclohexane

Concen: 2.105 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007480.D

Acq: 11 Feb 2022 15:28

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

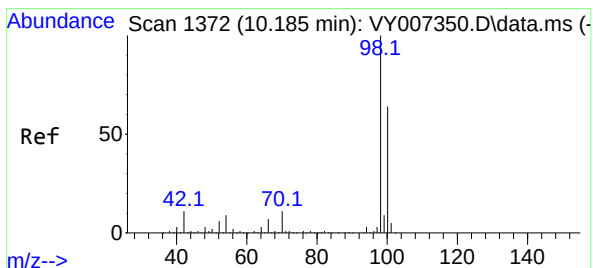
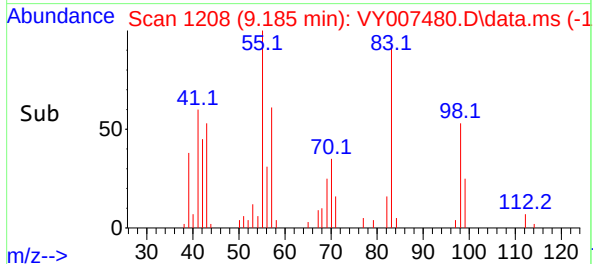
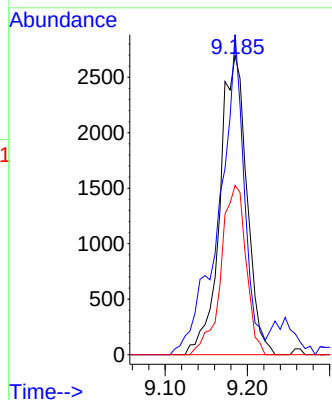
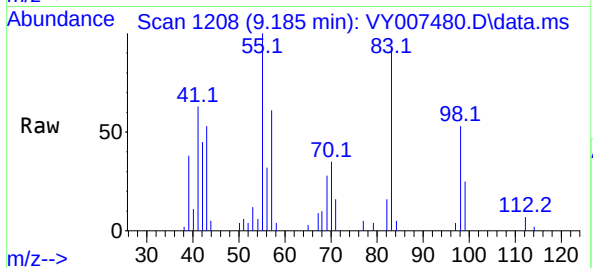
Tgt Ion: 83 Resp: 6147

Ion Ratio Lower Upper

83 100

55 104.0 66.5 99.7#

98 56.6 37.9 56.9



#50

Toluene-d8

Concen: 50.795 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY007480.D

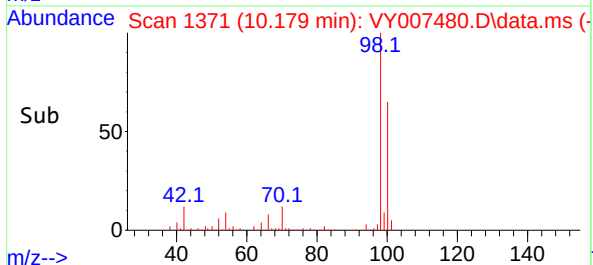
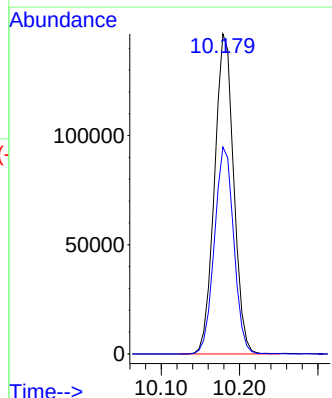
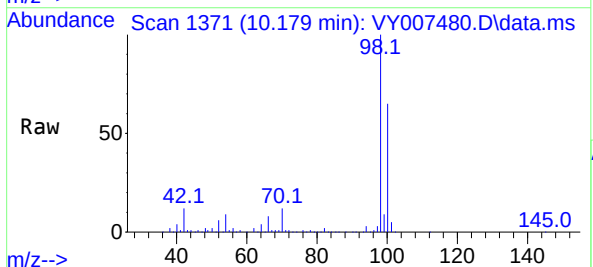
Acq: 11 Feb 2022 15:28

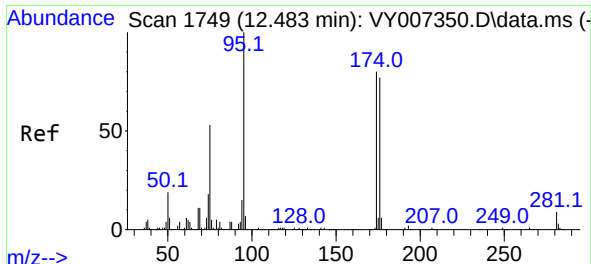
Tgt Ion: 98 Resp: 249613

Ion Ratio Lower Upper

98 100

100 65.2 50.2 75.2

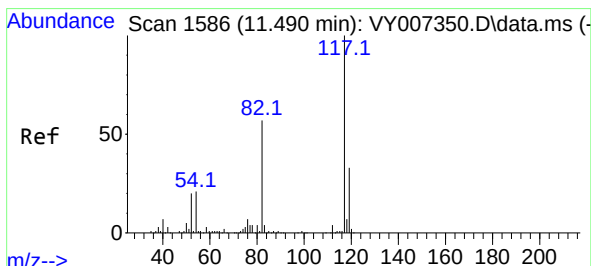
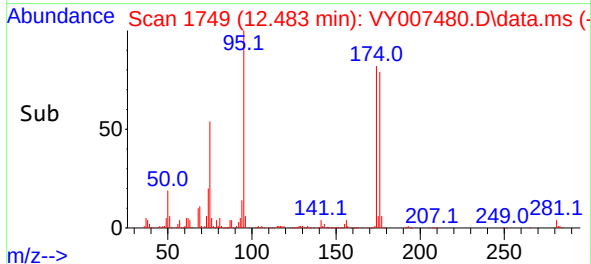
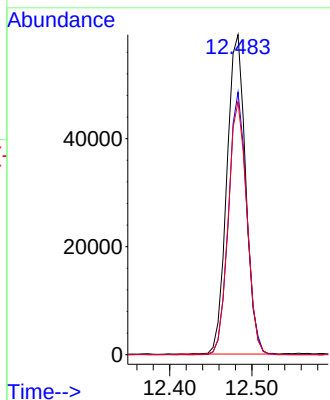
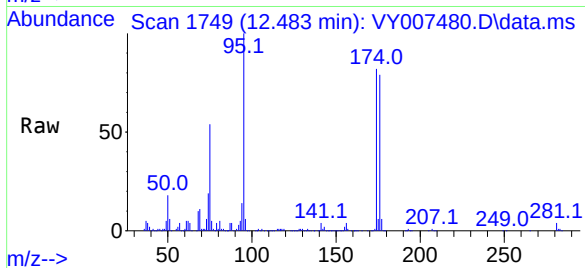




#62
4-Bromofluorobenzene
Concen: 56.305 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007480.D
Acq: 11 Feb 2022 15:28

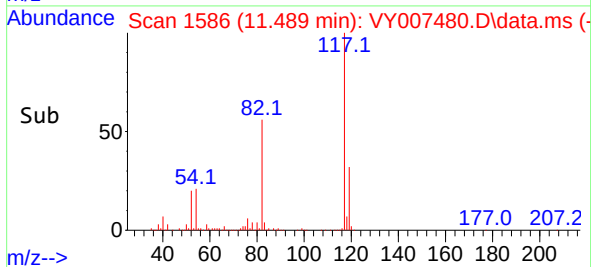
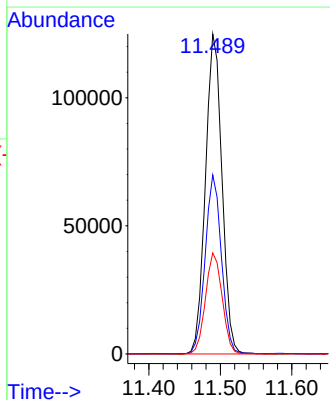
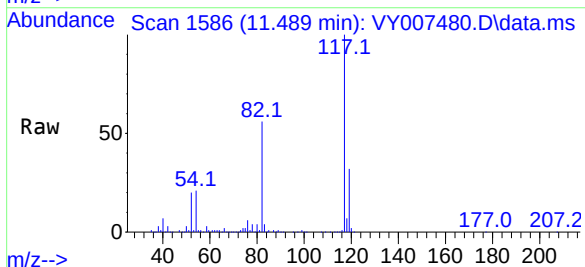
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

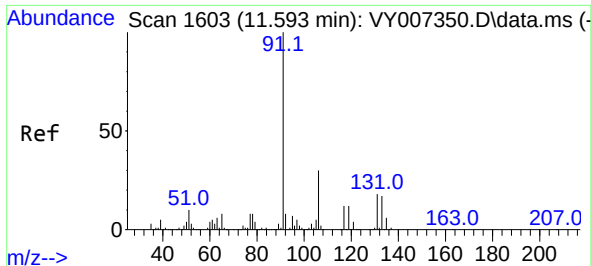
Tgt Ion:	95	Resp:	94044
Ion	Ratio	Lower	Upper
95	100		
174	79.3	0.0	177.0
176	78.1	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007480.D
Acq: 11 Feb 2022 15:28

Tgt Ion:	117	Resp:	200410
Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.0	64.4
119	31.6	25.4	38.0

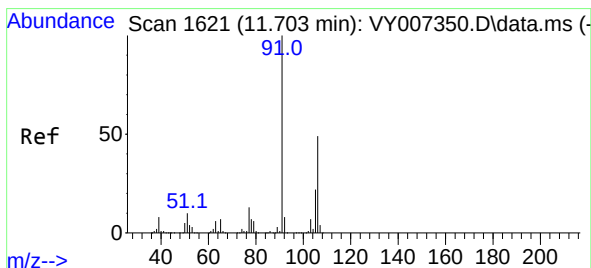
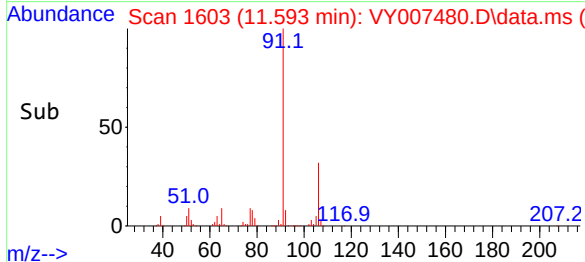
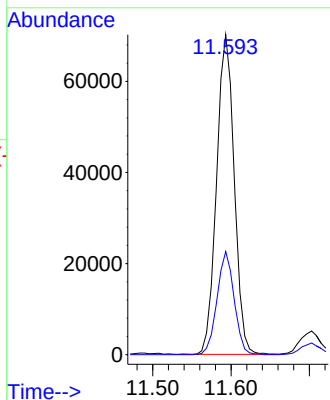
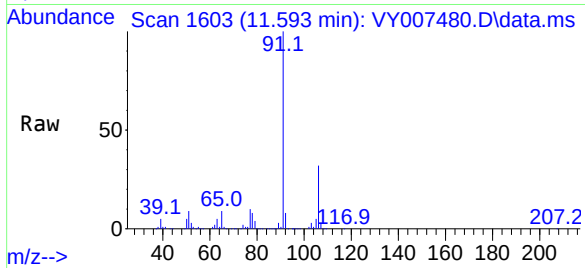




#67
Ethyl Benzene
Concen: 13.002 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007480.D
Acq: 11 Feb 2022 15:28

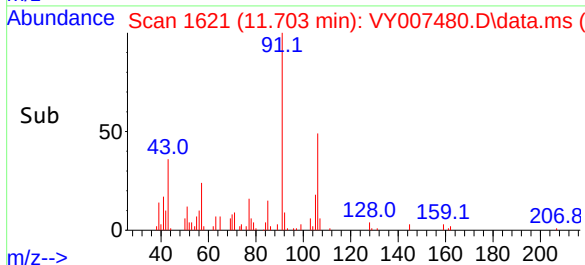
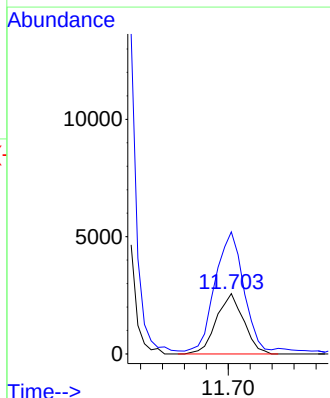
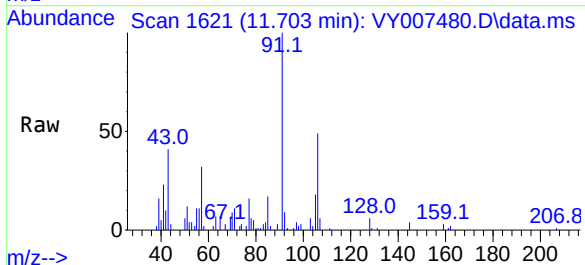
Instrument :
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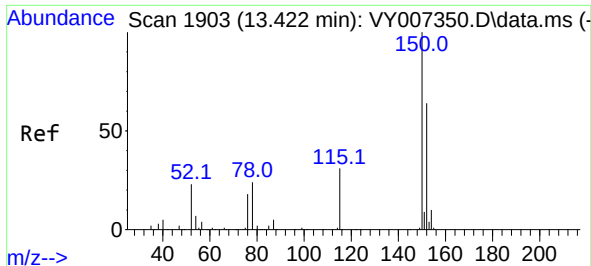
Tgt Ion: 91 Resp: 110000
Ion Ratio Lower Upper
91 100
106 32.3 24.5 36.7



#68
m/p-Xylenes
Concen: 1.415 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY007480.D
Acq: 11 Feb 2022 15:28

Tgt Ion: 106 Resp: 4435
Ion Ratio Lower Upper
106 100
91 204.5 166.6 249.8

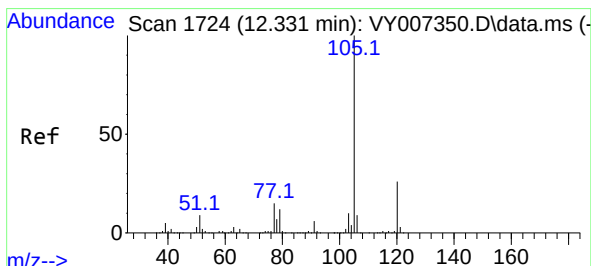
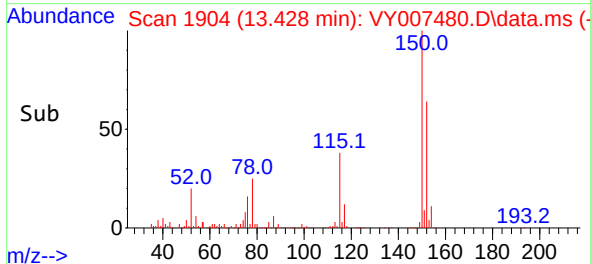
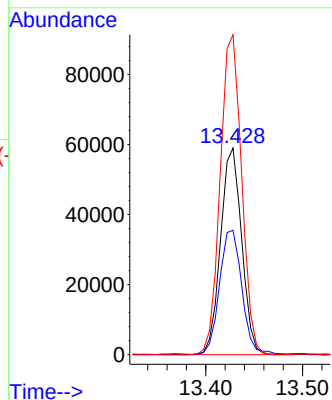
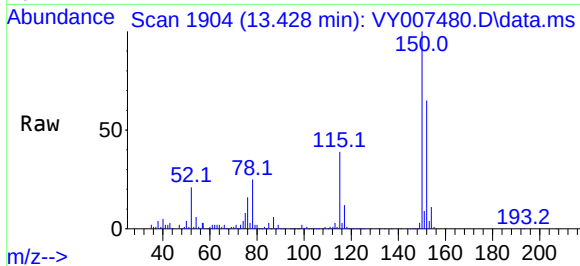




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY007480.D
Acq: 11 Feb 2022 15:28

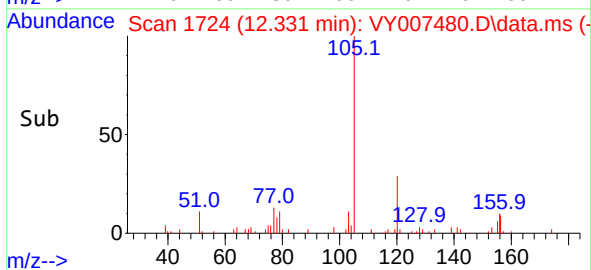
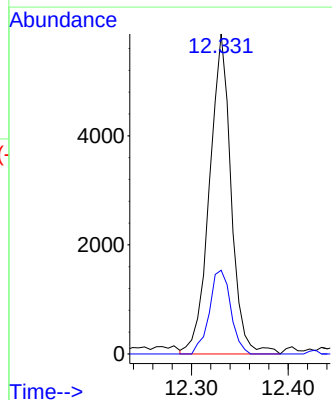
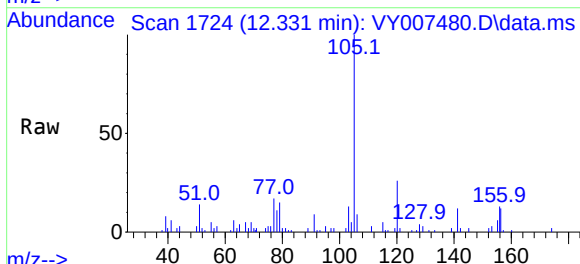
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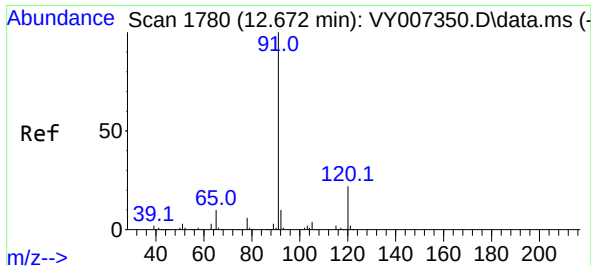
Tgt Ion:152 Resp: 89415
Ion Ratio Lower Upper
152 100
115 63.4 28.2 84.7
150 157.1 0.0 347.6



#73
Isopropylbenzene
Concen: 1.111 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007480.D
Acq: 11 Feb 2022 15:28

Tgt Ion:105 Resp: 9080
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.2

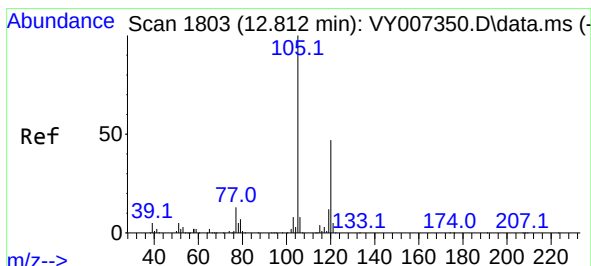
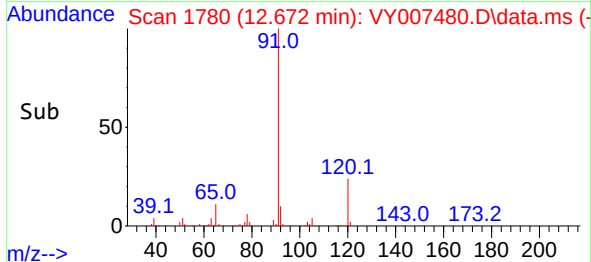
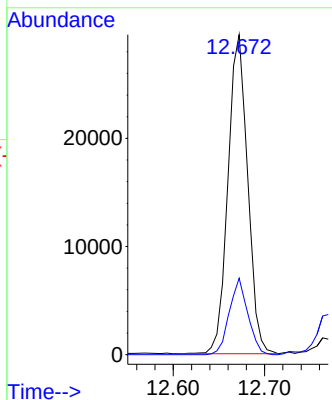
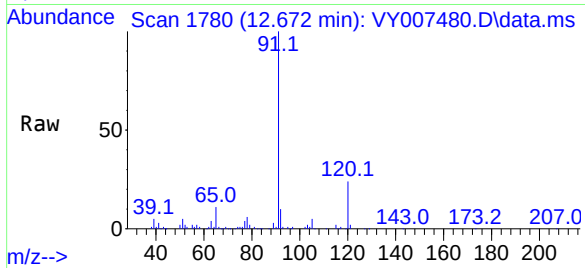




#78
n-propylbenzene
Concen: 4.458 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY007480.D
Acq: 11 Feb 2022 15:28

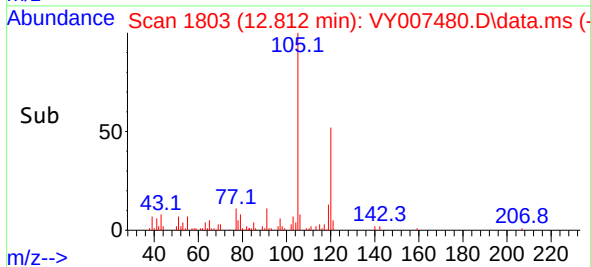
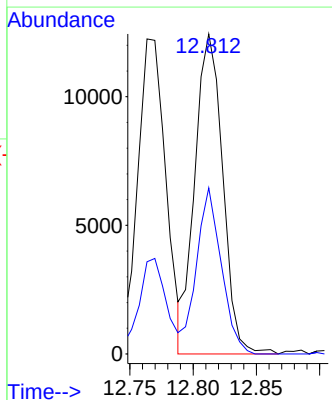
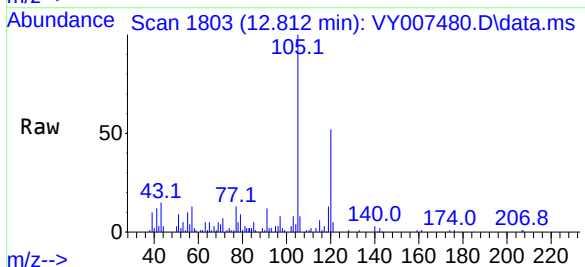
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

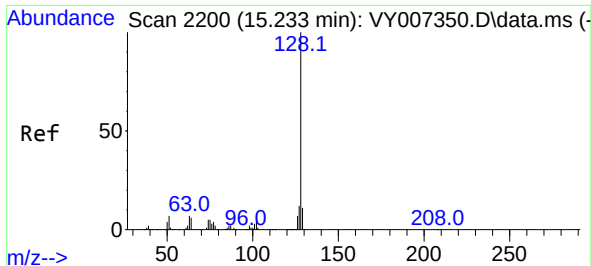
Tgt Ion: 91 Resp: 44124
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.9



#80
1,3,5-Trimethylbenzene
Concen: 2.859 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY007480.D
Acq: 11 Feb 2022 15:28

Tgt Ion: 105 Resp: 19057
Ion Ratio Lower Upper
105 100
120 46.4 24.4 73.4





#95
Naphthalene
Concen: 29.756 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY007480.D
Acq: 11 Feb 2022 15:28

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 107576
Ion Ratio Lower Upper
128 100
127 13.3 11.0 16.4
129 11.2 8.4 12.6

